



Uni. College Code 3103001

**Government of Gujarat**

**GOVERNMENT ARTS COLLEGE - BHESAN.**

Opp. New S.T. Bus Stand, Junagadh Road, BHESAN, Dist. Junagadh. Ph. 02873 253020

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## 1. Alternate sources of energy and energy conservation measures.

### 25 KW Solar System

Government Arts College, Bhesan, proudly supports sustainable energy initiatives through its 25 kW solar rooftop system. This solar installation not only reduces the college's carbon footprint but also serves as an educational tool, demonstrating the practical application of renewable energy technologies to students. By harnessing solar power, the college significantly cuts down on electricity costs, promoting environmental stewardship and fostering a culture of sustainability within the campus community. This initiative underscores the institution's commitment to integrating green practices and educating future generations about the importance of renewable energy sources.



## 2. Management of the various types of degradable and no degradable waste:

Government Arts College, Bhesan, has implemented an efficient and environmentally-friendly waste management system. This comprehensive approach involves the segregation of waste at the source, ensuring that different types of waste are properly managed and disposed of.

1. **Dustbins for Different Types of Waste:** The college has strategically placed dustbins across the campus, designated for different types of waste. These bins are color-coded to facilitate easy identification and segregation. This system helps in the effective separation of biodegradable and non-biodegradable waste, promoting recycling and reducing landfill waste.
2. **Vehicle for Collection of Non-Biodegradable Waste:** The college has a dedicated vehicle for the collection of non-biodegradable or plastic waste. This waste is collected regularly and transported to appropriate recycling facilities, ensuring that it does not harm the environment. By doing so, the college minimizes its ecological footprint and supports the recycling industry.
3. **Garbage Pit for Biodegradable Waste:** For biodegradable waste, such as leaves and organic matter, the college utilizes a garbage pit. This pit is designed to decompose organic waste naturally, turning it into rich fertilizer over time. The resulting compost is then used in the college garden, promoting a circular economy and enhancing the growth of plants and greenery on campus.

By adopting these waste management practices, Government Arts College, Bhesan, not only maintains a clean and hygienic environment but also contributes to sustainability and environmental conservation. The fertilizer produced from the biodegradable waste pit enriches the college garden, showcasing a practical and beneficial use of organic waste. This integrated approach to waste management reflects the college's commitment to environmental stewardship and sustainable practices.









### 3. Water conservation

Government Arts College, Bhesan, has implemented an efficient rainwater harvesting system to promote sustainable water management and conservation. The system is designed to collect and store rainwater, which is then used for various purposes within the campus, reducing the dependency on groundwater.

The cornerstone of this system is an underground water tank, strategically located at the back of the college building. During rainfall, rainwater is channeled through a network of concealed pipes installed on the rooftops and around the campus. These pipes efficiently transport the collected rainwater directly into the underground tank, ensuring minimal loss and contamination.

This harvested rainwater is utilized for several applications, including irrigation of the college gardens, flushing toilets, and other non-potable uses. By harnessing rainwater, the college not only conserves water but also mitigates the impact of water scarcity, particularly during dry seasons.

The rainwater harvesting system at Government Arts College, Bhesan, exemplifies the institution's commitment to environmental sustainability and resource conservation. It serves as a practical demonstration for students and staff, highlighting the importance of sustainable practices and the benefits of rainwater harvesting in addressing water management challenges.



#### 4. Disabled-friendly, barrier free environment

Government Arts College, Bhesan, is dedicated to creating an inclusive and accessible environment for all its students, including those with disabilities (Divyangjan). The college has implemented several measures to ensure that its campus is disabled-friendly and barrier-free.

One of the key features is the installation of ramps throughout the campus. These ramps provide easy access to buildings and facilities, allowing students with mobility challenges to navigate the campus with independence and ease. The design and placement of these ramps adhere to accessibility standards, ensuring they are safe and convenient for use.

In addition to ramps, the college provides wheelchairs to support students with physical disabilities. This initiative ensures that all students have the necessary means to move around the campus comfortably and participate fully in academic and co-curricular activities.

These efforts underscore the college's commitment to fostering an inclusive educational environment where every student, regardless of their physical abilities, can access and benefit from the college's resources and opportunities. Government Arts College, Bhesan, continues to work towards enhancing accessibility and promoting equality, ensuring that all students can achieve their academic goals without barriers.





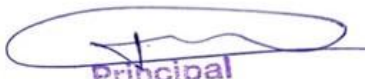


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