



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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7.1.3

Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date

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1. Cleanliness Drive at Parab

Date: 21st February 2019

Venue: Parab, Bhesan (3 kilo meters away from the college)

Organized by: NSS Coordinator, Dr. Bhavana Thummar, Department of Psychology

Introduction: On 21st February 2019, a cleanliness drive was organized by Government Arts College, Bhesan, under the guidance of NSS coordinator Dr. Bhavana Thummar. The drive aimed to promote cleanliness and hygiene in the Parab area, specifically focusing on the Parab temple and its surroundings.

Activities: The NSS volunteers enthusiastically participated in the cleanliness drive. They gathered early in the morning at the designated meeting point near Parab temple. The activities included:

1. **Cleaning of Temple Premises:** Volunteers diligently cleaned the temple premises, removing litter, fallen leaves, and other debris. This included sweeping the area, picking up trash, and ensuring that the surroundings were spotless.
2. **Clearing Surrounding Areas:** Apart from the temple, the volunteers extended their efforts to clean the surrounding areas. This involved cleaning pathways, roadsides, and nearby public spaces to ensure a comprehensive cleanliness drive.
3. **Awareness Campaign:** During the drive, volunteers also engaged with local residents and passersby, raising awareness about the importance of cleanliness and proper waste disposal. They distributed informative pamphlets and encouraged community members to maintain cleanliness in their daily lives.

Impact: The cleanliness drive had a significant impact on the Parab area. By the end of the activity, the temple and its surroundings were visibly cleaner and more organized. The initiative not only improved the aesthetic appeal of the area but also contributed to a healthier environment for both residents and visitors.

Conclusion: The cleanliness drive organized by Government Arts College, Bhesan, under the leadership of Dr. Bhavana Thummar, was a commendable effort towards promoting cleanliness and hygiene. The active participation of NSS volunteers and their dedication to the cause made the event a success. Such initiatives play a crucial role in fostering a sense of civic responsibility and environmental consciousness among the youth.



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Acknowledgment: The college extends its gratitude to Dr. Bhavana Thummar for her exemplary leadership and coordination of the event. Special thanks are also due to all NSS volunteers whose hard work and enthusiasm made the cleanliness drive a memorable and impactful experience.

This event stands as a testament to the college's commitment to community service and environmental stewardship.

Photographs of the event:





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2. Cleanliness drive at Bhavnath, Junagadh

Date: 5th February 2020

Venue: Bhavnath Taleti, Junagadh (38 Kilo meters away from the college)

Organized by: NSS Coordinator, Mr. Satish Meghani, Department of History

Introduction:

On 5th February 2020, Government Arts College, Bhesan, conducted a cleanliness drive at Bhavnath Taleti, Junagadh. The initiative was led by NSS coordinator Mr. Satish Meghani from the Department of History. The primary objective of the drive was to promote cleanliness and hygiene in the Bhavnath Taleti area, including the parking facilities and its surroundings.

Activities:

The NSS volunteers from Government Arts College actively participated in the cleanliness drive. The activities included:

1. **Cleaning Bhavnath Taleti Area:** Volunteers systematically cleaned the Bhavnath Taleti area, focusing on removing litter, debris, and ensuring the surroundings were free from garbage.
2. **Cleaning Parking Facilities:** The volunteers also cleaned the parking areas near Bhavnath Taleti, ensuring that the spaces were free from litter and well-maintained.
3. **Cleaning Surrounding Areas:** Apart from the main areas, the volunteers extended their efforts to clean the surrounding pathways, roadsides, and public spaces to enhance overall cleanliness.
4. **Awareness Campaign:** Throughout the drive, volunteers engaged with local residents and visitors, emphasizing the importance of maintaining cleanliness and proper waste disposal practices. They distributed informative pamphlets and encouraged community members to contribute towards keeping the area clean.

Impact:

The cleanliness drive had a significant positive impact on the Bhavnath Taleti area. By the end of the activity, the area and parking facilities were noticeably cleaner and more aesthetically pleasing. The initiative not only improved the hygiene standards but also fostered a sense of responsibility towards maintaining a clean environment among the volunteers and local community.



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Conclusion:

The cleanliness drive organized by Government Arts College, Bhesan, under the leadership of Mr. Satish Meghani, was a resounding success. The active participation and dedication of NSS volunteers were commendable and contributed to making the event impactful. Such initiatives play a crucial role in promoting civic responsibility and environmental awareness among the youth.

Acknowledgment:

The college expresses its sincere appreciation to Mr. Satish Meghani for his exemplary leadership in organizing the cleanliness drive. Special thanks are also extended to all NSS volunteers whose hard work and enthusiasm made the event successful.





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3. Rally on World Lion's Day

Date: 10th August 2022

Event: Rally on World Lion's Day

Place: Bhesan City

Organized by: Government Arts College, Bhesan

Introduction:

On 10th August 2022, Government Arts College, Bhesan, organized a rally in commemoration of World Lion's Day. The rally aimed to raise awareness about the conservation and protection of lions, a symbol of pride for the region. The event was coordinated by NSS coordinator Mr. Dilip Gajera from the Department of Economics.

Activities:

The rally commenced with enthusiasm as students and faculty members gathered at Government Arts College, Bhesan. The participants, including students from various departments, were provided with masks resembling lions, which they wore proudly during the rally. The key activities included:

1. **Rally through Bhesan City:** Led by Mr. Dilip Gajera, NSS coordinator, the students and faculty members marched through the streets of Bhesan City. They carried placards and banners adorned with slogans and messages advocating for the conservation and protection of lions.
2. **Sloganeering:** Throughout the rally, participants enthusiastically shouted slogans related to saving lions and promoting wildlife conservation. The slogans echoed through the streets, drawing attention from local residents and passersby.
3. **Engagement with Community:** The rally provided an opportunity for students to engage with the community. They distributed informational pamphlets and engaged in discussions with residents about the importance of preserving the lion population and its natural habitat.

Impact:

The rally on World Lion's Day had a significant impact in raising awareness among the residents of Bhesan City. It served as a reminder of the importance of lions in the local ecosystem and the need for concerted efforts to protect these majestic animals.

Conclusion:

The rally organized by Government Arts College, Bhesan, under the leadership of Mr. Dilip Gajera, was a commendable initiative to celebrate World Lion's Day. The active participation of



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students and faculty members demonstrated their commitment to environmental conservation and wildlife protection. Such events play a crucial role in fostering environmental awareness and instilling a sense of responsibility towards wildlife conservation among the youth.

Acknowledgment:

The college extends its appreciation to Mr. Dilip Gajera for his leadership in organizing the rally and to all the students and faculty members whose participation made the event successful and impactful.

This event reflects the college's dedication to promoting environmental stewardship and community engagement.





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4. Cleanliness drive Bus stand, Bhesan

Date: 7th October 2022

Venue: Bus Stand, Bhesan

Organized by: NSS Coordinator, Mr. Satish Meghani, Department of History

Introduction: On 7th October 2022, Government Arts College, Bhesan, undertook a cleanliness drive at the Bus Stand in Junagadh. The initiative was spearheaded by NSS coordinator Mr. Satish Meghani from the Department of History. The objective of the drive was to promote cleanliness and hygiene in the Bhesan Bus Stand area, including the parking facilities and its surroundings.

Activities: The NSS volunteers from Government Arts College actively participated in the cleanliness drive. The activities included:

1. **Cleaning Bhesan Bus Stand Area:** Volunteers focused on cleaning the bus stand area, removing litter, sweeping the floors, and ensuring proper disposal of garbage.
2. **Cleaning Parking Facilities:** Volunteers also cleaned the parking facilities adjacent to the bus stand, ensuring they were free from litter and debris.
3. **Cleaning Surrounding Areas:** In addition to the main areas, volunteers extended their efforts to clean the surrounding pathways, roadsides, and public spaces, contributing to overall cleanliness and aesthetics.
4. **Awareness Campaign:** During the drive, volunteers engaged with commuters and local residents, emphasizing the importance of maintaining cleanliness and responsible waste management practices. They distributed informative pamphlets and encouraged community members to participate in keeping the area clean.

Impact: The cleanliness drive had a noticeable impact on the Bhesan Bus Stand area. By the end of the activity, the surroundings were significantly cleaner and more organized. The initiative not only enhanced the visual appeal of the area but also promoted a cleaner environment for commuters and residents.

Conclusion: The cleanliness drive organized by Government Arts College, Bhesan, under the guidance of Mr. Satish Meghani, was a commendable effort towards community service and environmental stewardship. The active participation and dedication of NSS volunteers were instrumental in making the drive successful. Such initiatives play a crucial role in instilling a sense of responsibility and civic consciousness among the youth.



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Acknowledgment: The college extends its gratitude to Mr. Satish Meghani for his leadership and coordination of the cleanliness drive. Special thanks are also due to all NSS volunteers whose hard work and enthusiasm contributed to the success of the event.

This event exemplifies the college's commitment to fostering a cleaner and healthier environment through proactive community engagement.





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5. Cleanliness drive at Marketing Yard

Date: 28th July 2022

Venue: Marketing Yard, Bhesan

Organized by: NSS Coordinator, Mr. Satish Meghani, Department of History

Introduction:

On 28th July 2022, Government Arts College, Bhesan, conducted a cleanliness drive at the Marketing Yard in Bhesan. The initiative was led by NSS coordinator Mr. Satish Meghani from the Department of History. The main objective of the drive was to promote cleanliness and hygiene in the Marketing Yard area, including the surroundings and parking facilities.

Activities:

The NSS volunteers from Government Arts College actively participated in the cleanliness drive. The activities included:

1. **Cleaning Marketing Yard Area:** Volunteers diligently cleaned the Marketing Yard area, focusing on removing litter, debris, and ensuring proper disposal of garbage. This included sweeping the floors and cleaning the immediate surroundings.
2. **Cleaning Parking Facilities:** Volunteers also focused on cleaning the parking facilities within the Marketing Yard, ensuring they were free from litter and well-maintained.
3. **Cleaning Surrounding Areas:** In addition to the main areas, volunteers extended their efforts to clean the surrounding pathways, roadsides, and public spaces to enhance overall cleanliness and aesthetics.
4. **Awareness Campaign:** Throughout the drive, volunteers engaged with traders, visitors, and local residents present at the Marketing Yard. They distributed informational pamphlets and emphasized the importance of maintaining cleanliness and responsible waste management practices.

Impact:

The cleanliness drive had a significant impact on the Marketing Yard area. By the end of the activity, the surroundings were visibly cleaner and more organized. The initiative not only improved the hygiene standards but also contributed to a cleaner and more pleasant environment for all stakeholders involved.

Conclusion:

The cleanliness drive organized by Government Arts College, Bhesan, under the leadership of Mr.



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Satish Meghani, was a commendable initiative towards community service and environmental stewardship. The enthusiastic participation of NSS volunteers demonstrated their commitment to making a positive impact on their local community. Such initiatives play a vital role in fostering civic responsibility and environmental awareness among the youth.

Acknowledgment:

The college extends its appreciation to Mr. Satish Meghani for his dedication and effective organization of the cleanliness drive. Special thanks are also extended to all NSS volunteers whose hard work and enthusiasm contributed to the success of the event.

This event underscores the college's commitment to promoting cleanliness and hygiene through proactive community engagement.





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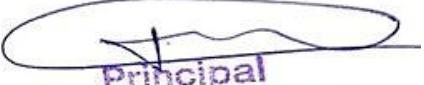
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Policy document on Environment

About College:

Government Arts College, Bhesan established by the Education Department of the Government of Gujarat and managed by the Commissioner of Higher Education in Gandhinagar, is affiliated with Bhakta Kavi Narsinh Mehta University, Junagadh. It holds a permanent affiliation from the government and is recognized under Section 2(f) of the UGC Act, 1965. Situated in the rural area of Saurashtra in Gujarat, the college boasts a spacious 4.94-acre campus adorned with over 153 trees and various plants. Its entrance is graced by a picturesque passage.

Located in a peaceful natural environment, the college enjoys excellent air quality. Committed to delivering high-quality education with a focus on moral values, it also prioritizes the promotion and preservation of the environment.

The college is dedicated to safeguarding natural resources through a range of initiatives such as tree plantation, preservation drives, awareness camps, seminars, and workshops. Celebrating over two decades of steadfast presence, it recognizes the vital importance of environmental conservation for a sustainable, pollution-free, and healthy future on Earth.

In response to this imperative, the college has established its Green Club and Nature Club. Each year, in collaboration with forest departments and NGOs, the college organizes tree plantation and preservation campaigns, reinforcing its commitment to environmental stewardship.

The college is dedicated to cultivating a green, pollution-free, and healthy environment. It actively promotes a sense of responsibility among students, stressing the importance of maintaining a clean and verdant campus—a commitment prominently featured in the college prospectus.

The Environment Policy:

At the heart of the college's mission is the aspiration for a clean and eco-friendly campus. Guided by its Green Campus Policy, the college envisions a clean and green environment where sustainable practices and education converge to foster eco-conscious habits within and beyond its grounds. This initiative not only positions the institution as a pioneer in shaping its environmental ethos but also aims to imbue students and staff with a strong sense of environmental ethics.



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Mission:

- To raise environmental awareness in society and engage actively in initiatives to safeguard planet Earth from harmful human impacts, ensuring a sustainable, pollution-free, and healthy future.

Objectives:

- To educate students and staff about reducing the use of polluting products and promoting the use of environmentally-friendly alternatives, emphasizing the significance of cleanliness for a healthy lifestyle.
- To foster environmental awareness, the college organizes a variety of events including rallies, awareness campaigns, cleanliness drives, seminars, workshops, presentations, tree plantation drives, rangoli and essay competitions, excursions, study tours, guest lectures, and talks. These activities aim to educate and engage students and staff in addressing pressing environmental issues.
- To empower students and staff to advocate against harmful practices that degrade nature, and to promote environmentally-friendly practices throughout society.

Initiatives Taken to Implement the Environment Policy:

The Institution is committed to managing its campus in accordance with its Environment Policy by establishing the following infrastructure and carrying out the following activities:

1. Ban on Single-Use Plastic
2. Planting trees every year
3. 25 KW. Solar Plant in the College
4. Power saving switches
5. Use of Power saving LED lights
6. Rainwater Harvesting
7. Use of waste papers in office use
8. Water Management
9. Display Boards to Promote Environmental Sensibility on College Campus
10. Observance of Days to protect and Nurture Environment
11. Conduct the Green, Environmental and Energy Audit

1. Ban on Single-Use Plastic

The campus of the college is a plastic-free campus where there is a complete ban on single-use plastics in classrooms, library and campus.



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2. Planting trees every year

As per the Clean and Green Policy, the college strives to plant various types of trees every year. Adequate Cleaning and maintenance staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green. Additionally, the newly planted trees are taken very good care by the NSS volunteers.

3. 25 KW. Solar Plant in the College

The college has established the 25 K W Solar Energy Plant on the Main Building of the college in January 2022. There is a substantial decrease in the Electricity Bills since the installation of these solar plants.

4. Power saving switches

Power saving switches are fitted to electric board in the college.

5. Use of Power saving LED lights

Power Efficient Equipment's, more than 90% electric lights and all the computers of the college are LED enabled.

6. Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well-connected pipelines to the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge.

7. Use of waste paper in office use

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E-Communication. The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper. All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication. What's app - Class-wise groups, Department wise groups, groups have been formed which have reduced the usage of paper in notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the "Learning Management System" wherein references, notes, syllabi, question banks, study material are stored and shared on the e-platform. Some departments have also started accepting E-assignments.

This practice has proved highly beneficial to save money. Boost productivity, save space, make documentation and information sharing easier, and help the environment.



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8. Water Management

The water for all other purposes is supplied through another set of distribution pipes. The college has a well with ample water. The ground water from the wells is pumped into the storage tanks, elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network.

Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently.

Rainwater from the different college buildings is taken to the wells for ground-water recharge. A proper care is also taken to keep the Rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks is controlled by the ball-valves to avoid water overflows.

The college has specific policy regarding disposal of e-waste.

9. Display Boards to Promote Environmental Sensibility on College Campus

Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the Students of the college.

Installation of pad wending machine and Incinerator in the Girls' Toilet block

The college has installed Installation of pad wending machine and Incinerator in the Girls' Toilet block for the disposal of sanitary pads.

10. Observance of Days to Protect and Nurture Environment

The College organized various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer (16 September), 'World Environment Day' (05 June). 'Wildlife Week' Tribal Culture day (9th august), 02 to 08 October), 'World Biodiversity Day' (22 May). 'World Water Day (22 March), 'World Sparrow Day' (20 March), Mahatma Gandhi Jayanti (02 October).



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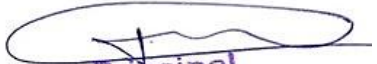
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11. Conduct the Green, Environmental and Energy Audit

The Green. Environmental and Energy Audit of the college is done by Universal Consultancy, Vadodara. The initiative regarding this is taken by the College.




Principal
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Bhesan, Dist. Junagadh.




Date : 28/04/23

To Whom So Ever May Concern

Govt. Arts College has Wheeling electricity to the Grid with following details for year 2022-23.

Sr. No.	Month	Electricity Wheeling Units to Grid
1	April – 22	0
2	May – 22	1259
3	June – 22	2027
4	July – 22	654
5	Aug – 22	767
6	Sept -22	1111
7	Oct – 22	1262
8	Nov – 22	1953
9	Dec – 22	1973
10	Jan – 23	1265
11	Feb – 22	Data Unavailable
12	March - 22	1707

Prepared By:


28.04.23

Seema Vachhani
Certified Energy Auditor
Reg. No. : EA-25555
Bureau of Energy Efficiency, India

REPORT
On
ENERGY AUDIT



Government Arts College,
Bhesan, Junagadh,
Gujarat-362020, India

Date: 28/04/23

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1. Introduction

Energy audit is to reduce the amount of energy used in the organization without compromising the output. The audit team provides suggestions for better energy utilization. In general, energy auditing and management of energy consumption is to offer goods or services at the lowest possible energy cost and with the least amount of environmental effects.

2. Need for an Energy Audit

The need for energy audit arises from the importance of energy efficiency and sustainability in today's world. Energy audit serves several purposes and provides numerous benefits, including:

- a. **Energy conservation opportunities:** Identifying energy conservation opportunities by analyzing energy use and identifying areas where energy is being wasted or inefficiently used.
- b. **Cost reduction:** Energy cost represents a significant part of total cost for any organization. An energy audit helps to identify energy-saving measures that can lead to cost reductions by reducing energy waste, optimizing equipment performance, and improving operational efficiency.
- c. **Environmental Sustainability:** Energy consumption is closely linked to environmental impact, particularly in terms of greenhouse gas emissions and climate change. By conducting an energy audit, organizations can identify ways to reduce their carbon footprint and contribute to environmental sustainability goals.
- d. **Compliance with Regulations and Standards:** By proactively addressing compliance issues, organizations can avoid penalties and maintain a positive reputation.
- e. **Energy Management and Planning:** An energy audit provides valuable data and insights that enable organizations to develop comprehensive energy management plans.

3. Aim of energy audit

The aim of an energy audit is to identify the energy efficiency, conservation and savings opportunities at the premises of the audit sites in a systematic manner.

4. Systems studied during Energy Audit

- a. Lighting fixtures have been physically in various campuses verified and recorded.
- b. Reviewed implemented non-conventional energy installation and applications in the institute for use.
- c. Electricity bills served by PGVCL are analyzed for cost of power.

5. Energy Statistics:

Government Arts College, Bhesan, Junagadh is GLP consumer of Paschim Gujarat Vij Company Limited (PGVCL). PGVCL provides grid energy to the institute with maximum demand of 35 kW. The institute is also receiving power from 25 kW solar roof top PV system. Energy Statistics of the institute is as below:

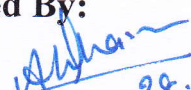
Sr. No.	Billing Month	Electricity used in Units	Cost of Electricity in INR
1	April – 22	3,290	70
2	May – 22	436	2,949
3	June – 22	2,924	70
4	July – 22	1,940	-2,364
5	Aug – 22	2,049	-2,545
6	Sept -22	2,220	-3,718
7	Oct – 22	2,423	-4,233
8	Nov – 22	2,796	-6,519
9	Dec – 22	2,770	-6,657
10	Jan – 23	2,075	-4,243
11	Feb – 23	2,526	-5,651
12	March - 23	1,707	70

The Institute is generating considerable amount of electricity through solar rooftop system. Also, the institute is wheeling electricity to the grid, which is a quite appreciable contribution of the institute in the direction of sustainability and reduction of carbon footprint.

5. Observations for Energy Efficiency and Energy Conservation

- The institute is using **LED** lighting fixtures for illumination of majority of the area. These fixtures are quite energy efficient. It takes almost half the energy than fluorescent lights while providing the same amount of luminous flux.
- The institute is using traditional **water pumps**. These water pumps must be replaced by energy efficient water pumps. Energy efficient pumps save much power as compare to traditional pumps while providing the same pressure head.
- Energy conservation awareness programs** may be conducted in the campus for creating better usage of Electricity.
- Power saving boards** must be displayed at multiple locations.

Prepared By:


28.04.23
Seema Vachhani
Certified Energy Auditor
Reg. No. : EA-25555
Bureau of Energy Efficiency, India



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Environmental Audit Certificate

Government Arts College, Bhesan, Gujarat-362020-India

For the AY (2022-23)

Environmental Audit for the period June 2022 to May 2023 has been conducted for the **Government Arts College, Bhesan** to assess the green initiatives planning and efforts implemented in the college campus like Green Campus Management. This Environmental Audit is also aimed to assess eco-friendly initiatives of the Institute towards sustainability.

It is believed that the institution has presented authentic data on various aspects of working of the institute before the audit team. The recommendations are based on the data presented before the team as they existed at the audit time. This certificate is valid for the audit period only. However, it is subject to automatic cancellation in case of any change in prevailing green practice or misleading data. The findings reported in this audit report are entirely based on data furnished by the institute and data collected by the audit team during the audit. Thus, the findings reported in this audit report are strictly limited to the period when the audit was conducted.

The Environmental Quality in the campus is found **adequate and efficacious**.

Ravi S. Tank

(Recognised Schedule-I Environmental Auditor, Gujarat Pollution Control Board, Gandhinagar, Gujarat)

Director,
Environmental Audit & Consultancy Cell,
Atmiya University,
Rajkot-Gujarat-360005-India



I assure that the data presented is authentic to the best of my knowledge & I agree to comply with the recommendations received this report within a year at maximum after the internal review.

Dr. Yogeshkumar Pathak,

Principal,
Government Arts College, Bhesan,
Opp. Bus stand, Junagadh Road Dist.
Junagadh, Gujarat-362020-India



Principal
Govt. Arts College
Bhesan, Dist. Junagadh.

ENVIRONMENTAL AUDIT REPORT

PERIOD

01-06-2022 TO 31-05-2023
(2022-23)

CLIENT

Government Arts College, Bhesan
Opp. Bus stand, Junagadh road
Gujarat-362020-India



AUDITOR

ATMIYA UNIVERSITY

“YOGIDHAM GURUKUL”, Kalawad Road, Rajkot-Gujarat-360005-India

E-mail: env.cell@atmiyauni.ac.in

Tel.: 0281-2563445 | Website: www.atmiyauni.ac.in

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1) Executive Summary

Introduction:

Establishment:

Government Arts College Bhesan (GACB) is one of the seven Model Institutes established by Higher Education Department, Government of Gujarat in 2012. Located in North-Eastern region of Junagadh District, Gujarat. The Girnar- the highest mountain and pilgrimage of Gujarat is in the vicinity of Bhesan that makes the city and college. It was carved out of the campus of acquiring an independent existence on a modest 2.5 acres of land. The land was Provided by the Government of Gujarat in the year 2016. The College with its academic zeal, aims at providing quality education to rural students while augmenting their meaningful participation in both curricular and extra-curricular activities.

Location:

The College has got own building in 2018 in the prime location of the city opposite Bus station that lessens the difficulties of students reaching the college. The city is surrounded by 46 villages and the institute aims at providing higher education to benefit the maximum number of students living in the far-off villages.

Courses Offered:

The focus is on the process of teaching-learning in rural context with a sense of social responsibility. The college upholds the spirit of Humanism and strives to inculcate rationalism among its stakeholders. The college has introduced more Academic Programmes which is a proof for its organic growth. The College offers 8 Main Subjects 4 in Languages- English, Hindi, Sanskrit, Gujarati and 4 in Social Science- Sociology, Psychology, history and Economics in B.A Discipline with healthy teacher-student ratio.

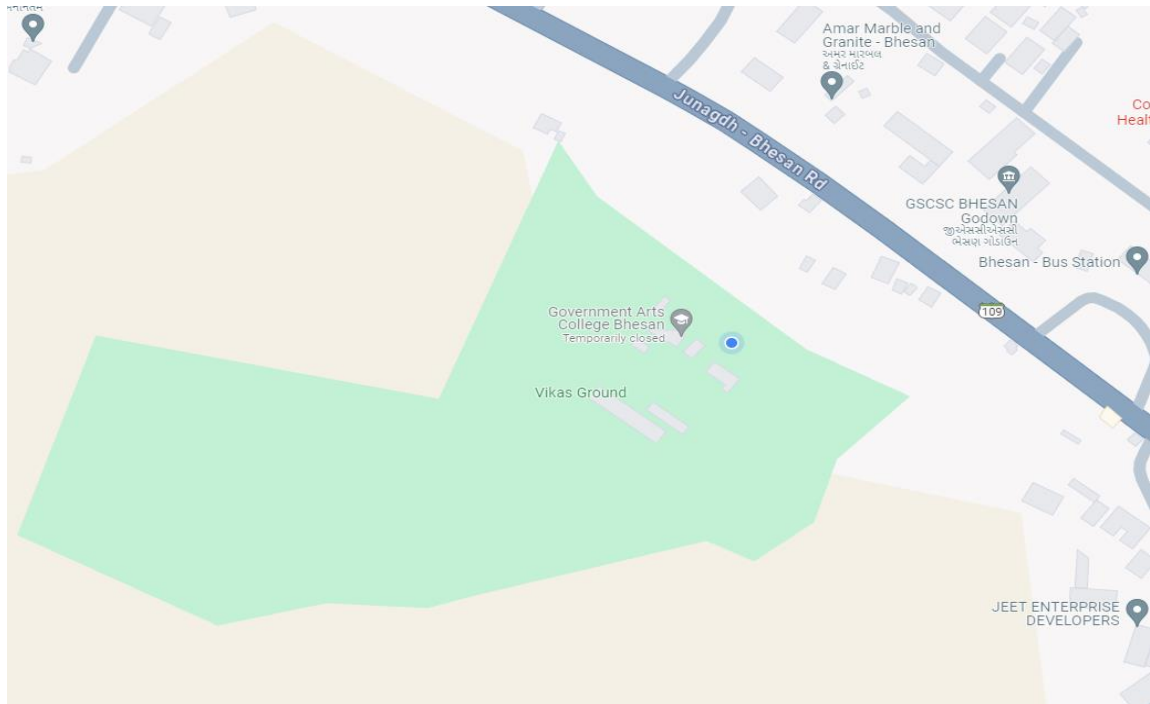
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Faculties and Students Support:

The institute has the qualified GES- Class-II teachers. All the faculties strive to provide excellent education along with resolving the issues college students face. The institute has formed various committees to look after the grievances and solve them. 'Women Cell', 'ST, SC Cell,

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- **Type of institution:** College (Government)
- **Location:** Rural
- **Satellite image:**



- **Student population size:** 287
- **Campus area:** 4.94 acre
- **Facilities:**
 1. Beautiful green campus
 2. CCTV camera
 3. Fire Safety system
 4. Disabled friendly campus and wheel chair
 5. Rich library
 6. Girls' common room
 7. Spacious parking
 8. Solar roof top
 9. Water harvesting system
 10. Sports room

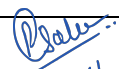
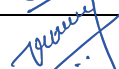
2) Acknowledgment

On behalf of the Environmental Audit & Consultancy Cell at Atmiya University, Rajkot, we would like to express our sincere gratitude to the management of **Government Arts College, Bhesan** for entrusting us with the important task of conducting their Environmental Audit/Green Audit.

We deeply appreciate the cooperation extended by your team throughout the assessment process. This cooperation was instrumental in the successful completion of the audit.

We would also like to extend our special thanks to **Dr. Parshottam Guranani, Coordinator, IQAC**, for their unwavering support. Their dedication proved to be invaluable in ensuring the project's completion. Finally, we thank all other staff members who actively participated in data collection and field measurements. Their contributions were essential to the smooth execution of the audit.

We are also thankful to:

SN.	Name	Designation	Signature
1.	Dr.Panakaj Solanki	Assistant Professor	
2.	Dr.Vishvjit Kava	Assistant Professor	

In closing, we would like to express our gratitude to **Dr. Yogeshkumar Pathak, Principal of Government Arts College, Bhesan** for extending the opportunity to evaluate their esteemed campus's environmental performance.

3) Disclaimer

This Green Audit report has been prepared by the Environmental Audit & Consultancy Cell (EA&CC) at Atmiya University, Rajkot, for of **Government Arts College, Bhesan**. It incorporates data submitted by college officials/representatives along with expert analysis by the EA&CC Audit team.

While all reasonable efforts have been made to ensure its accuracy, the report is based on information gathered in good faith. Conclusions are based on best estimates and do not constitute any express or implied warranty or undertaking. The EA&CC at Atmiya University, Rajkot assumes no responsibility for any direct or consequential loss arising from the use of the information, statements, or forecasts in this report.

The findings presented in this report are based entirely on data provided by **Government Arts College, Bhesan** and gathered by the audit team during their audit & monitoring visit. It assumes normal operating conditions within the institution throughout the audit period. The auditors are unable to comment on environmental audit parameters outside the scope of the on-site surveys. Consequently, the report's findings are strictly limited to the timeframe during which the audit team conducted its assessment.

The EA&CC at Atmiya University, Rajkot, maintains strict confidentiality regarding all information pertaining to **Government Arts College, Bhesan**. No such information will be disclosed to any third party except public domain knowledge or when required by law or relevant accreditation bodies.

This certificate is valid solely for the current Environmental Audit/Green Audit report. It may be automatically revoked if any significant changes occur in the quantity or quality of waste generation at the aforementioned institute.

EA&CC,

Atmiya University

4) Introduction

Since the 2019-20 academic year, the National Assessment and Accreditation Council (NAAC) requires all Higher Educational Institutions (HEIs) to submit an annual Environmental Audit/Green Audit report. This requirement falls under Criterion 7 of the NAAC accreditation process, which evaluates institutions for their environmental sustainability practices. NAAC, an autonomous body in India, assigns accreditation grades (A, B, or C) based on various criteria, including environmental stewardship.

Furthermore, conducting Environmental Audit/Green Audits aligns with the Corporate Social Responsibility (CSR) initiatives of HEIs. By implementing measures to reduce their carbon footprint, institutions contribute positively to mitigating global warming.

In response to the NAAC mandate, the College management opted for an external Environmental Audit/Green Audit conducted by a qualified professional auditor. Environmental Audit/Green Audit entails a comprehensive environmental assessment, examining both on-campus and off-campus practices that directly or indirectly impact the environment. In essence, it is a systematic process of identifying, quantifying, recording, reporting, and analysing environmental aspects within the institute setting.

Environmental Audit/Green Audits originated as a tool to evaluate institutional activities that might pose risks to human health and the environment. It provides valuable insights for improvement, guiding institutions towards environmentally responsible practices and infrastructure.

The specific areas covered by this audit include Green Campus initiatives, Waste Management, Water Management, Air Pollution Control, Energy Management, and Carbon Footprint reduction strategies employed by the college.

The following sections delve deeper into the concept, structure, objectives, methodology, analytical tools, and overall goals of this Green Audit.

Educational institutions are increasingly prioritizing environmental concerns. As a result, innovative concepts are emerging to make campuses more sustainable and eco-friendly. Numerous institutions are adopting various approaches to address environmental challenges within their facilities, such as promoting energy conservation, waste recycling, water use reduction, and rainwater harvesting.

The activities of educational institutions can have both positive and negative environmental impacts. A Green Audit is a formal evaluation process that assesses the college's environmental footprint. It provides a comprehensive picture of the current environmental conditions on campus.

Green Audits are a valuable tool for colleges to identify areas of high energy, water, or resource consumption. This allows institutions to implement targeted changes and achieve cost savings. Additionally, Green Audits can analyse the nature and volume of waste generated, leading to improved recycling programs or waste minimization plans.

Green auditing and the implementation of mitigation measures offer a win-win scenario for institutions, students, and the environment. It can foster health and environmental awareness, promoting values and beliefs that benefit everyone. Green Audits also provide an opportunity for staff and students to gain a deeper understanding of the impact their institution has on the environment.

Furthermore, Green Audits can translate into financial savings by encouraging a reduction in resource usage. This process also empowers students and teachers to develop a sense of ownership for personal and social environmental responsibility.

The Green Audit process typically involves collecting primary data, conducting a site visit with college representatives, and reviewing relevant policies, activities, documents, and records.

OBJECTIVE AND SCOPE

The broad aims/benefits of the Environmental Audit/Green Audit would be

- Environmental education through systematic environmental management approach
- Improving environmental standards
- Benchmarking for environmental protection initiatives
- Sustainable use of natural resource in the campus.
- Financial savings through a reduction in resource use
- Curriculum enrichment through practical experience
- Development of ownership, personal and social responsibility for the College campus and its environment
- Enhancement of College profile
- Developing an environmental ethic and value systems in young people

Outcomes OF ENVIRONMENT AUDIT TO EDUCATIONAL INSTITUTIONS

There are many advantages of environment audit to an Educational Institute:

1. Protect the environment in and around the campus.
2. Recognize the cost saving methods through waste minimization and energy conservation.
3. Empower the organization to frame a better environmental performance.
4. Portrays good image of institution through its clean and green campus.

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5) Audit Team

SN	Name of Auditor	Designation
1	Prof. Ravi S. Tank	Chemical Engineer
2	Dr. Hemantkumar G. Sonkusare	Civil Engineer
3	Dr. Anilkumar S. Patel	Chemist

6) Environmental Policy

Clean, Green and plastic free Campus Policy Document

About College:

Government Arts College, Bhesan established by the Education Department of the Government of Gujarat and managed by the Commissioner of Higher Education in Gandhinagar, is affiliated with Bhakta KaviNarsinh Mehta University, Junagadh. It holds a permanent affiliation from the government and is recognized under Section 2(f) of the UGC Act, 1965. Situated in the rural area of Saurashtra in Gujarat, the college boasts a spacious 4.94-acre campus adorned with over 234 trees and various plants. Its entrance is graced by a picturesque passage.

Located in a peaceful natural environment, the college enjoys excellent air quality. Committed to delivering high-quality education with a focus on moral values, it also prioritizes the promotion and preservation of the environment.

The college is dedicated to safeguarding natural resources through a range of initiatives such as tree plantation, preservation drives, awareness camps, seminars, and workshops. Celebrating over two decades of steadfast presence, it recognizes the vital importance of environmental conservation for a sustainable, pollution-free, and healthy future on Earth.

In response to this imperative, the college has established its Green Club and Nature Club. Each year, in collaboration with forest departments and NGOs, the college organizes tree plantation and preservation campaigns, reinforcing its commitment to environmental stewardship.

The college is dedicated to cultivating a green, pollution-free, and healthy environment. It actively promotes a sense of responsibility among students, stressing the importance of maintaining a clean and verdant campus—a commitment prominently featured in the college prospectus.

The Clean and Green Campus Policy:

At the heart of the college's mission is the aspiration for a clean and eco-friendly campus. Guided by its Green Campus Policy, the college envisions a clean and green environment where sustainable practices and education converge to foster eco-conscious habits within and beyond its grounds. This initiative not only positions the institution as a pioneer in shaping its environmental ethos but also aims to imbue students and staff with a strong sense of environmental ethics.

Mission:

- To raise environmental awareness in society and engage actively in initiatives to safeguard planet Earth from harmful human impacts, ensuring a sustainable, pollution-free, and healthy future.

Objectives:

- To educate students and staff about reducing the use of polluting products and promoting the use of environmentally-friendly alternatives, emphasizing the significance of cleanliness for a healthy lifestyle.
- To foster environmental awareness, the college organizes a variety of events including rallies, awareness campaigns, cleanliness drives, seminars, workshops, presentations, tree plantation drives, rangoli and essay competitions, excursions, study tours, guest lectures, and talks. These activities aim to educate and engage students and staff in addressing pressing environmental issues.
- To empower students and staff to advocate against harmful practices that degrade nature, and to promote environmentally-friendly practices throughout society.

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7) General Information

- a. Does any Green Audit conducted earlier? No
- b. Total Area of the college = 4.94 acre
- c. What is the total strength (people count) of the Institute? 303

AY	Students			Teaching Staff			Non-Teaching Staff			Total		
	M	F	Trans	M	F	Trans	M	F	Trans	M	F	Trans
2022-23	162	125	0	09	01	0	04	03	0	175	128	303

- d. What is the total number of working days of your campus in a year?

Month	No. of Working Days
July-22	26
August-22	21
September-22	26
October-22	21
November-22	25
December-22	27
January-23	24
February-23	23
March-23	25
April-23	22
May-23	27
June-23	26
Total	293

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e. Which of the following are found near your institute?

Municipal dump yard	No
Garbage heap	No
Public convenience	No
Sewer line	No
Stagnant water	No
Industry – (Mention the type)	No
Bus / Railway station	Yes
Market / Shopping complex	No
Play Ground	No

f. Does your institute generate any waste? If so, what are they?

Type of waste		Response	Detail(s) of Waste Generated	Quantity of Waste Generated (kg)
Solid	Biodegradable	Yes	Leaves of trees	Approx. 2 kg per week
	Non-biodegradable	Yes	Institute does not produce any Non-biodegradable waste	Nil
	e-waste	Yes	Institute does not produce any e-waste	Nil
Liquid		Yes	Institute does not produce any liquid as waste except waste water	Nil
Gas		Yes	Institute does not produce any gas as waste	Nil

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- g.** How is the waste managed in the institute? By Composting, Recycling, Reusing, Others (specify)
- h.** Do you use recycled paper in institute? We use waste paper in office use.
- i.** How would you spread the message of recycling to others in the community?

Poster competition activities	Yes
Campaigns	Yes
Rally	Yes
Webinars and seminars	No
Others (Please specify)	No

- j.** Is there a garden in your institute?

Garden	No	Area = 2547.13 m2
---------------	-----------	--------------------------

- k.** Total number of Plants in Campus?

SN	Species of Tree	No of Trees
01	Neem tree	37
02	Champo	47
03	Guava tree	04
04	Nilgiri	03
05	Karanj	04
06	Karen	04
07	Bunyan tree	04
08	Tamarind tree	17
09	Gulmahor	09
10	Drumstick tree	04
11	Black Jamun tree	03
12	Umbaro	01
13	Pipal tree	08
14	Ashoka tree	05
15	Lamon tree	01
16	Saptparni	03
Total		154

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l. List uses of water in your institute

Basic use of water in campus	KL/Day
Drinking	0.3 KL
Gardening	1 KL
Kitchen and Toilets	0.5 KL
Others (Cleaning of Campus)	0.2 KL
Total	2 KL

m. How does your institute store water? Are there any water saving techniques followed in your institute?

SN	Storage Type	Capacity	Quantity	Total (in Litres)
01	OVER HEAD TANK	5000	02	5000 Litres
02	UNDER GROUND TANK	15,000	01	15,000
	Any Other (Specify)	Nil	Nil	Nil
TOTAL STORAGE CAPACITY				20,000

n. Electricity Consumed

Month	Electricity Consumed (kWh)
July-22	654
August-22	767
September-22	1111
October-22	1262
November-22	1953
December-22	1973
January-23	1265
February-23	Data unavailable
March-23	1707
April-23	1805
May-23	1998
June-23	1988
Total	16483

8) Green Initiatives by the Institute

Initiatives Taken to Implement the Clean and Green Campus Policy:

The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

1. Ban on Single-Use Plastic
2. Planting trees every year
3. 25 KW. Solar Plant in the College
4. Power saving switches
5. Use of Power saving LED lights
6. Rainwater Harvesting
7. Use of waste papers in office use
8. Water Management
9. Display Boards to Promote Environmental Sensibility on College Campus
10. Observance of Days to protect and Nurture Environment
11. Conduct Green, Environmental and Energy Audit time to time

1. Ban on Single-Use Plastic

The campus of the college is a plastic-free campus where there is a complete ban on single-use plastics in classrooms, library and campus.

2. Planting trees every year

As per the Clean and Green Policy, the college strives to plant various types of trees every year. Adequate Cleaning and maintenance staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green. Additionally, the newly planted trees are taken very good care by the NSS volunteers.

3. 25 KW. Solar Plant in the College

The college has established the 25 K W Solar Energy Plant on the Main Building of the college in January 2022. There is a substantial decrease in the Electricity Bills since the installation of these solar plants.

4. Power saving switches

Power saving switches is fitted to electric board in the college.

5. Use of Power saving LED lights

Power Efficient Equipment's, more than 90% electric lights and all the computers of the college are LED enabled.

6. Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well-connected pipelines to the large water harvesting tanks and the overflowing rain-water from these tanks s discharged in the soak-pits for ground water recharge.

7. Use of waste paper in office use

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E-Communication. The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper. All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication. What's app - Class-wise groups, Department wise groups, groups have been formed which have reduced he usage of paper in notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the "Learning Management System" wherein references, notes, syllabi, question banks, study material are stored and shared on the e-platform. Some departments have also started accepting E-assignments.

This practice has proved highly beneficial to save money. Boost productivity, save space, make documentation and information sharing easier, and help the environment.

8. Water Management

The water for all other purposes is supplied through another set of distribution pipes. The college has a well with ample water. The ground water from the wells is pumped into the storage tanks, elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network.

Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently.

Rainwater from the different college buildings is taken to the wells for ground-water recharge. A proper care is also taken to keep the Rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks are controlled by the ball-valves to avoid water overflows.

The college has specific policy regarding disposal of e-waste.

9. Display Boards to Promote Environmental Sensibility on College Campus

Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the Students of the college.

Installation of pad winding machine and Incinerator in the Girls' Toilet block

The college has installed Installation of pad winding machine and Incinerator in the Girls' Toilet block for the disposal of sanitary pads.

10. Observance of Days to Protect and Nurture Environment

The College organized various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer (16

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September), 'World Environment Day' (05 June), 'Wildlife Week' Tribal Culture day (9th August), 02 to 08 October), 'World Biodiversity Day' (22 May), 'World Water Day' (22 March), 'World Sparrow Day' (20 March), Mahatma Gandhi Jayanti (02 October).

11. Conduct Green, Environmental and Energy Audit time to time

The Green, Environmental and Energy Audit of the college is done by Universal Consultancy, Vadodara. The initiative regarding this is taken by the College.



9) Audit Methodology

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Green Policy adopted by the institution. The criteria, methods and recommendations used in the audit were based on the identified risks. The methodology includes: preparation and filling up of questionnaire, physical inspection of the campus, observation and review of the document, interviewing responsible persons and data analysis, measurements and recommendations. The methodology adopted for this audit was a three-step process comprising of:

1. Data Collection – In preliminary data collection phase, exhaustive data collection was performed using different tools such as observation, survey communicating with responsible persons and measurements.

Following steps were taken for data collection:

- Site Visit
- Data about the general information was collected by observation and interview.
- The power consumption of appliances was recorded by taking an average value in some cases.

2. Data Analysis - Detailed analysis of data collected include: calculation of energy consumption, analysis of latest electricity bill of the campus, Water consumption, Waste Generation and Greenery Management.

3. Recommendation – On the basis of results of data analysis and observations, some steps for reducing power and water consumption were recommended. Proper treatments for waste were also suggested. Use of fossil fuels has to be reduced for the sake of community health.

The above target areas particular to the University was evaluated through questionnaire circulated among the students for data collection.

The following data collected for the following areas during the assessment.

1. Environment & Waste Management
2. Energy Management
3. Water Management

10) Monitoring, Observations& Recommendations

Observations:

- The college has organised awareness seminar on clean & green energy.
- The college has organised event “Run for Environment & Climate” for spreading awareness among the local people.
- The college is harvesting solar energy as clean renewable energy source.
- The college is having good plantation inside the campus.
- The college building has very good ventilation for natural light.

Recommendations:

- Waste water treatment system should be installed.
- Eco friendly parameters should be included in the purchase of articles and goods for the campus.
- Posters, paintings, slogans regarding benefits of green campus and clean campus must be displayed inside college premises.

11) Photographic Evidences



જૂનાગઢ ભાસ્કર 10-04-2023



સરકારી વિનયન કોલેજ ભેંસાણમાં ક્લિન એન્ડ ગ્રીન એનર્જી વિષે સેમીનાર યોજાયો

ક્લિન એન્ડ ગ્રીન એનર્જી વિશે સેમીનાર યોજાયો હતો. જેમાં ગ્રીન એનર્જી વિષે વિદ્યાર્થીઓમાં પર્યાવરણની જાગૃતિ કેળવાય તથા ઉચ્ચ કક્ષાએ અભ્યાસ કરતા ગુજરાતના ભાવિ નાગરિકોમાં પર્યાવરણની જાળવણી અંગેની જાગૃતિનો પ્રચાર પ્રસાર થાય તે વિશે કોલેજના આચાર્ય ડો. યોગેશભાઈ વિ. પાઠકએ વિદ્યાર્થીઓને માર્ગદર્શન આપી પ્રોત્સાહિત કરેલ. ત્યાર બાદ સેમિનારના મુખ્ય વક્તા તરીકે આસિ.પ્રો. ડો. સચિન જે પીઠડીયાએ સોલાર ઉર્જા, ગ્રીન એનર્જી, જળવાયુ પરિવર્તન, ટકાવ વિકાસ, પર્યાવરણ બચાવો સંબંધિત વિષય પર વ્યાખ્યાન આપ્યું હતું. આ તકે ડો સરોજબેન નારીગરા, , પ્રો.ડો.બંધીયાભાઈ, પ્રો.ડો. અજય એલ.જોષી, પ્રો. ડો.ગુરનાણી, પ્રો. ડો. પંકજભાઈ સોદરવા, પ્રો. દિલિપભાઈ ગજેરા, પ્રો. ડો. પંકજભાઈ સોલંકીએ પર્યાવરણનું જતનમાં ગ્રીન ઉર્જા કેવી રીતે ઉપયોગી બની શકે તે વિશે માર્ગદર્શન આપ્યું હતું.

**તારીખ : ૧૦-૪-૨૦૨૩ ના રોજ દિવ્ય ભાસ્કર
વર્તમાનપત્રમાં પ્રેસનોટ પ્રસિધ્ધ થઈ છે. પેઈજ-૪**



<p>સંસ્થાપક :: શ્રી રવિકલાલ એચ. ઉનડકટ</p> <p>સ્થાપના :: તા. ૨૬-૦૧-૧૯૭૮</p> <p>પ્રથમ હેડ :: કૃષ્ણકાંત આર. ઉનડકટ</p> <p>સંવર્ધક તંત્રી :: મનોજ આર. ઉનડકટ</p>	<p>Post. Regd. No. G-Jnd 293/2020-2023</p> <p>નિર્ભરતાનો સંદેશ પાઠવતું દૈનિક અખબાર</p> <p>દૈનિક</p> <p>તંત્રી : અલ્પા મનોજભાઈ ઉનડકટ</p> <p>કાર્યાલય :: શરૂઆત દૈનિક કાર્યાલય અખબાર ભવન ગિરનાર રોડ, જૂનાગઢ. ફોન નં. ૨૬૨૫૪૦૦, મોબાઈલ નં. ૯૮૭૯૫ ૪૦૭૭૧, ૯૮૮૦૫ ૨૩૦૦૫</p>	<p>R.N.I.NO.67438/1978</p> <p>Owner, Printer, Publisher, Editor :: Alpa Manojbhai Unadkat</p> <p>Printed at :: Sharooat Offset, Akhabar Bhavan, Girnara Road, Junagadh 362 001 (Gujarat)</p> <p>Published From :: Akhabar Bhavan, Girnara Road, Junagadh 362 001 (Gujarat)</p> <p>Asst. Editor :: Jeet M. Unadkat</p> <p>E-mail :- sharooatdaily@yahoo.com</p>	<p>11 April 2023</p> <p>Tuesday</p> <p>Vol. : 36</p> <p>Issue No. : 335</p> <p>Pages : 4</p> <p>Retail Price Rs. 1-00</p>
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જી-૨૦ અંતર્ગત સરકારી વિનયન કોલેજ ભેંસાણમાં ક્લિન એન્ડ ગ્રીન એનર્જી વિશે સેમીનાર યોજાયો

જૂનાગઢ, તા. ૧૦
ઉચ્ચશિક્ષણ કમિશનરની કચેરી ગાંધીનગર સૂચિત સરકારી વિનયન કોલેજ, ભેંસાણ દ્વારા G૨૦ અંતર્ગત Clean And Green Energy વિશે વિદ્યાર્થીઓમાં Green Energy વિશે જાગૃતિ લાવવા અર્થે તે અંતર્ગત Environment and Green Energy SEMINAR નું આયોજન તા. ૦૫ને મંગળવારના રોજ કરવામાં આવેલ. જેમાં ગ્રીન એનર્જી વિશે વિદ્યાર્થીઓમાં પર્યાવરણની જાગૃતિ કેળવાય તથા ઉચ્ચ કક્ષાએ અભ્યાસ

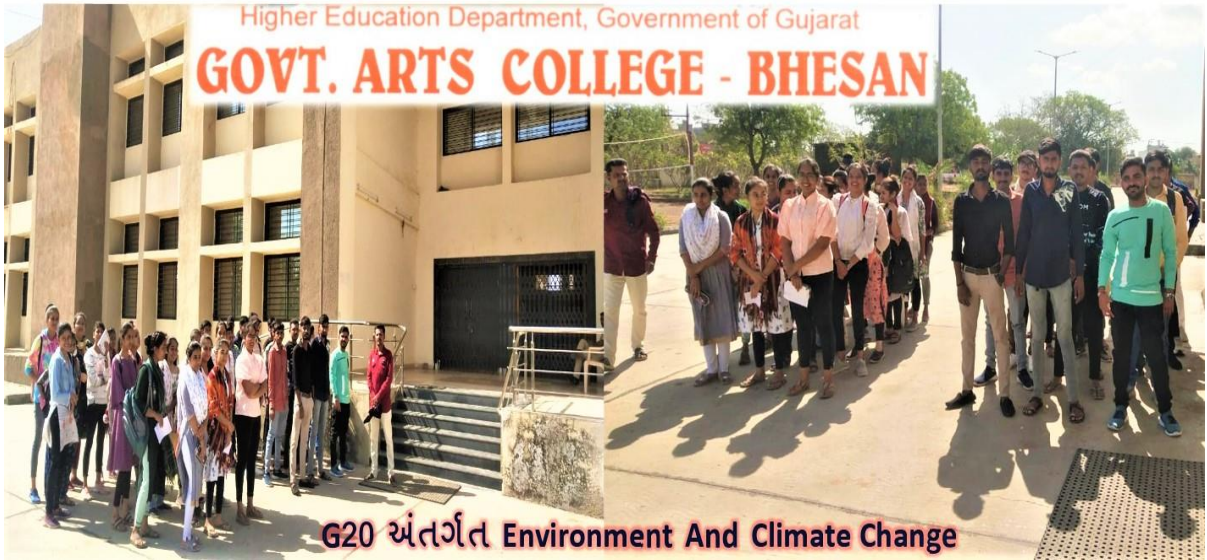


તારીખ : ૧૧-૪-૨૦૨૩ ના રોજ
દૈનિક શરૂઆત વર્તમાનપત્રમાં પ્રેસનોટ પ્રસિધ્ધ થઈ છે. પેઈજ-૪

કરતા ગુજરાતના ભાવિ નાગરિકોમાં પર્યાવરણની જાળવણી અંગેની જાગૃતિનો પ્રચાર પ્રસાર થાય તે વિશે કોલેજના આચાર્યશ્રી ડો.યોગેશ કુમાર વિ. પાઠક સરે Clean And Green Energy વિશે વિદ્યાર્થીઓને માર્ગદર્શન આપી પ્રોત્સાહિત કરેલ. ત્યાર બાદ સેમિનાર ના મુખ્ય વક્તા તરીકે આસિ.પ્રો.ડો.સચિન જે પીઠડીયાએ સોલાર ઉર્જા, ગ્રીન એનર્જી, જળવાયુ પરિવર્તન, ટકાવ વિકાસ, પર્યાવરણ બચાવો સંબંધિત વિષય વ્યાખ્યાન આપેલ હતું. તે બાદ કોલેજના વાઈસ પ્રિન્સીપાલ પ્રો. ડો સરોજબેન નારીગરા, કરવામાં આવેલ હતું. કાર્યક્રમને સફળ પ્રો.ડો.બંધીયાસર, પ્રો.ડો.અજય બનાવવા કોલેજના સમગ્ર સ્ટાફ એલ.જોષી, પ્રો. ડો.ગુરનાણી,

પ્રો.ડો.પરંજ સોદરવા, પ્રો.દિલિપ ગજેરા, પ્રો.ડો.પરંજ સોલંકી સાહેબે પર્યાવરણનું જતનમાં ગ્રીન ઉર્જા કેવી રીતે ઉપયોગી બની શકે તે વીશે વ્યાખ્યાન આપેલ હતું.

આ સેમિનારમાં બોહળી સંખ્યા માં એફ.વાય, એસ.વાય અને ટી.વાય ના વિદ્યાર્થીઓ ઉપસ્થિત રહી ઉત્સાહ ભરે વિદ્યાર્થીઓએ જોડાયા હતા. સેમિનાર આયોજન ૨૨૦ ના નોડલ ઓફીસર એવા આસિ. પ્રો.ડો.સચિન જે પીઠડીયા દ્વારા કરવામાં આવેલ. વાઈસ પ્રિન્સીપાલ પ્રો. ડો સરોજબેન નારીગરા દ્વારા સંકલન કરવામાં આવેલ હતું. કાર્યક્રમને સફળ બનાવવા કોલેજના સમગ્ર સ્ટાફ મિત્રોએ એ ભારે જહેમત ઉઠાવી હતી.



G20 અંતર્ગત Environment And Climate Change

TUESDAY
04-04-2023

મંગળવારની પૂર્ણિ

નારી



સંદેશ

રાજકોટ, સમ્બલવડ, વડોદરા, સુરત, ભાવનગર અને ભુજથી પ્રસિદ્ધ નવું દિનિક

સંવાદન તંત્રી સ્વ. શ્રી વીરભાઈ શેઠ. પહેલ • Vol: 33 No.: 210

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સંદેશ

જૂનાગઢ

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આકૃતિ

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સરકારી વિનયન કોલેજ ભેસાણ દ્વારા Run for Environment and Climate સ્પર્ધાનું આયોજન

ભેસાણ કોલેજ ખાતે રન ફોર એન્વાયરમેન્ટ



G20 અંતર્ગત Environment And Climate Change

જૂનાગઢ: સરકારી વિનયન કોલેજ ભેસાણ દ્વારા વિદ્યાર્થીઓમાં પર્યાવરણ દિશે જાગૃતિ લાવવા રન ફોર એન્વાયરમેન્ટ એન્ડ ક્લાઇમેટ સ્પર્ધા યોજાઈ હતી. જેમાં કોલેજના આચાર્ય ડો.યોગેશકુમાર પાઠકે પર્યાવરણ સંબંધિત વક્તવ્ય આપી વિદ્યાર્થીઓને માર્ગદર્શન આપ્યું હતું. આ સમગ્ર સ્પર્ધાનું આયોજન જી-૨૦ ના નોડલ ઓફિસર આસી.પ્રો.સચિ પિઠડીયા દ્વારા કરાયું હતું. આ સ્પર્ધામાં વિદ્યાર્થીઓએ ઉમંગભરે ભાગ લીધો હતો.

તારીખ : ૪-૪-૨૦૨૩ ના રોજ સંદેશવર્તમાનપત્રમાં પ્રેસનોટ પ્રસિદ્ધ થઈ છે. પેઈજ-૪



