Certificate of Inspection

Organization	:	Bareilly International University
Address	:	Pilibhit Bypass Road, Bareilly, Uttar Pradesh, India - 243006, India
Inspection Standard	:	Green Audit / Environmental Audit
Date of Inspection	:	September 06, 2024
Inspection Report No.	:	CIL/20242387

CDG Inspection Limited has conducted a green audit & environmental audit on the campus mentioned above, taking into account the relevant norms and best practices for educational institutions. For details on the audit findings, please refer to the detailed inspection report No. CIL/20242387

Managing Director
CDG INSPECTION LIMITED
W- www.cdginspection.com
E- info@cdginspection.com

Green Audit / Environmental Inspection

CIL Ref. No.:	**CIL/20242387**
Name of organization:	Bareilly International University
Address of premises:	Bareilly international University, Pilibhit Bypass Road, Bareilly, Uttar Pradesh, India - 243006
Name of Inspector:	Mr. Amit Kumar
Date of Inspection:	O6/09/2024
Type of Inspection:	Green Audit

Organization Details	
Total Campus Area	50 Acres
Total Built-up Area	30 Acres
Covered Parking	2.5 Acres
Total Air-Conditioned Area	25 Acres
Non-Airconditioned Area	25 Acres
Cross Floor Area	20 Acres
Forest / Planted Area	20 Acres
Age of the building	Since 2002

DETAILS OF INFRASTRUCTURE

Classrooms	82
Laboratory	100
Library	01
Seminar hall and auditorium	08
Sports room	10
Gymnasium	02
Staff and student parking area	02
Canteen	4
Playground	10
Green Area / Plantation	-----

LIST OF BUILDINGS

Name of Building	Number of Floors
Administrative Building	G+7
RMCH	G+3
Dental	G+3
Pharmacy	G+2
Nursing	G+2
Paramedical	G+2
Ayurveda	G+2
Auditorium	G+1
Library	G+2
Cafeteria	G

DEPARTMENTS

1	Faculty of Medical science
2	Faculty of Dental science
3	Faculty of Nurshing
4	Faculty of Pharma
5	Faculty of Ayurveda
6	Faculty of Management
7	Faculty of Humanity Journalism
8	Faculty of Para-medical Science
9	Faculty of Forensic science

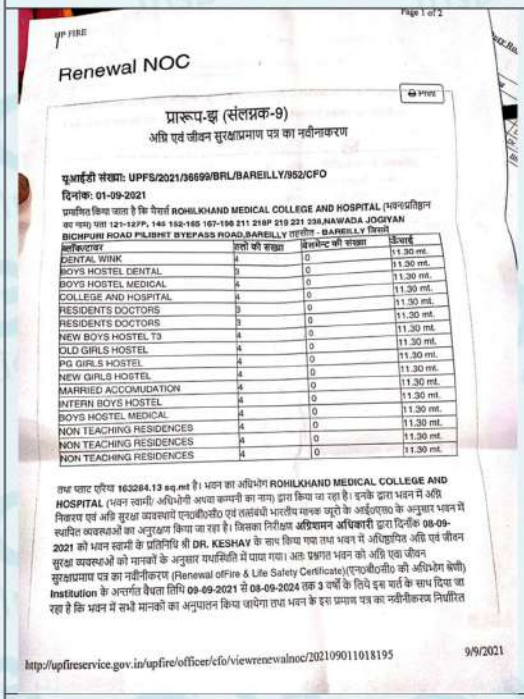
DETAILS OF STUDENTS AND STAFF

Total Number of Students	3000
Teaching Staff	654
Technical Staff	100
Non-Technical Staff	350
Outsourced Staff	157

GREEN AUDIT PARTICIPANTS

Name	Designation
Dr. Mithilesh Kumar Sharma	Assistant Professor
Dr. Sushil Kumar Thakur	Register

LEGAL COMPLIANCES

Description	Registration Details
Consent to operate (CTO) from SPCB	Not available
Fire NOC	UPFS/2021/36699/BRL/BAREILLY/952/CFO
Water Boring permission	Not available
DG Set Permission	Not available
	
I. Fire NOC	

Renewal NOC

प्रारूप-झ (संलग्नक-9)

अग्नि एवं जीवन सुरक्षाप्रमाण पत्र का नवीनाकरण

यूआईडी संख्या: UPFS/2021/36699/BRL/BAREILLY/952/CFO

दिनांक: 01-09-2021

प्रमाणित किया जाता है कि मैसर्स ROHILKHAND MEDICAL COLLEGE AND HOSPITAL (भवन/प्रतिष्ठान का नाम) प्लॉट 121-127P, 145 152-165 167-190 211 216P 219 221 238,NAWADA JOGIYAN BICHPURI ROAD PILIBHIT BYEPASS ROAD,BAREILLY तहसील - BAREILLY जिला में

स्ट्रक्चर/ब्लॉक	मंजिलों की संख्या	बेसमेन्ट की संख्या	ऊँचाई
DENTAL WING	4	0	11.30 mt.
BOYS HOSTEL DENTAL	3	0	11.30 mt.
BOYS HOSTEL MEDICAL	4	0	11.30 mt.
COLLEGE AND HOSPITAL	4	0	11.30 mt.
RESIDENTS DOCTORS	3	0	11.30 mt.
RESIDENTS DOCTORS	3	0	11.30 mt.
NEW BOYS HOSTEL T3	4	0	11.30 mt.
OLD GIRLS HOSTEL	4	0	11.30 mt.
PG GIRLS HOSTEL	4	0	11.30 mt.
NEW GIRLS HOSTEL	4	0	11.30 mt.
MARRIED ACCOMUDATION	4	0	11.30 mt.
INTERN BOYS HOSTEL	4	0	11.30 mt.
BOYS HOSTEL MEDICAL	4	0	11.30 mt.
NON TEACHING RESIDENCES	4	0	11.30 mt.
NON TEACHING RESIDENCES	4	0	11.30 mt.
NON TEACHING RESIDENCES	4	0	11.30 mt.

तथा प्लाट परिक्षेत्र 162284.13 sq.mt है। भवन का अधिभोग ROHILKHAND MEDICAL COLLEGE AND HOSPITAL (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थायें एन0बी0सी0 एवं तत्संबंधी भारतीय मानक ब्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण अग्निशमन अधिकारी द्वारा दिनाँक 08-09-2021 को भवन स्वामी के प्रतिनिधि श्री DR. KESHAV के साथ किया गया तथा भवन में अग्निशमित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रभागत भवन को अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनीकरण (Renewal ofFire & Life Safety Certificate)(एन0बी0सी0 की अधिभोग श्रेणी) Institution के अन्तर्गत वैधता तिथि 09-09-2021 से 08-09-2024 तक 3 वर्षों के लिये इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित

http://upfireservice.gov.in/upfire/officer/cfo/viewrenewalnoc/202109011018195 9/9/2021

About Organization

Bareilly International University, Bareilly is established in accordance to UGC Act 1956 by the Uttar Pradesh Govt. Act No. 26 of 2016 dated 16th Sept 2016. The University has commenced academic activities from session 2016-17 with various courses.

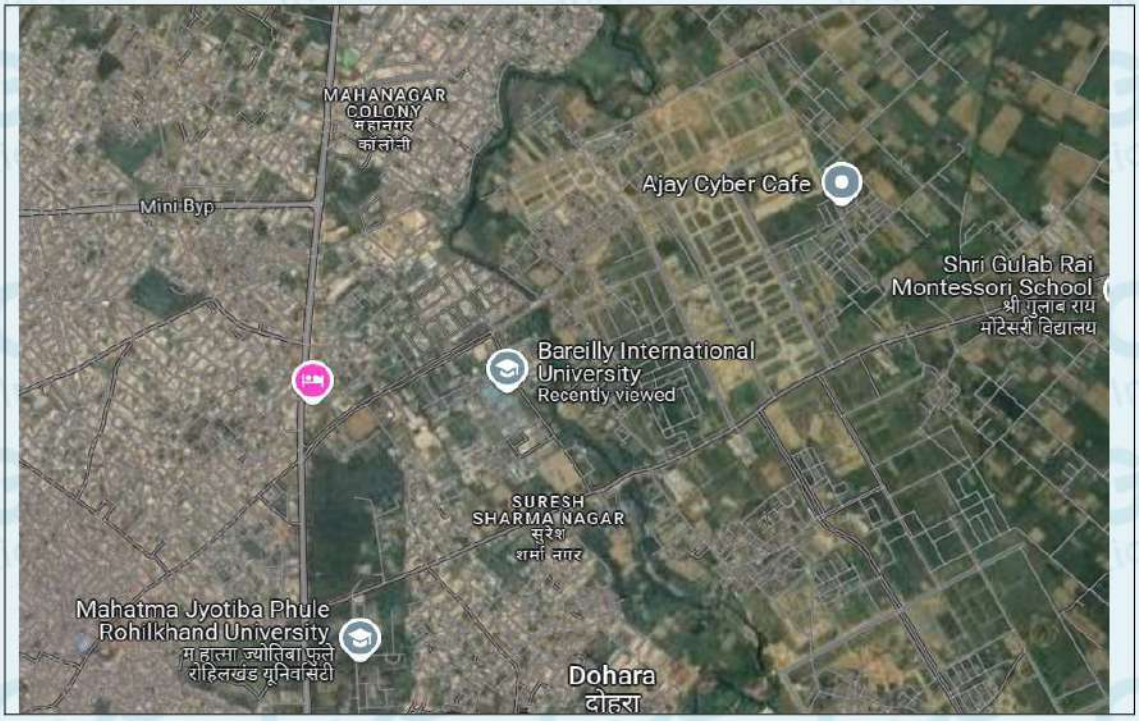
The University is in the process to design its own milestone in the pursuit of social commitment and excellence reflecting by establishing world class practices. It has reached the shores of developing into a seat of global learning to bring about transformation of the society through value-based education, research promotions.

BIU has belief in innovation and forward-thinking that encourage to assume a leadership in various curriculum. These advantages give us a special opportunity to advance this great institution through carefully selected but ambitious choices that renew and extend its mission.

Objective of BIU is the holistic development of each student through inter-disciplinary, multi-disciplinary and trans-disciplinary approach. University offers various innovative and unique courses that are truly transdisciplinary in nature, scope and contents and help the students to develop knowledge and skills in diverse areas of study which are innovative in the emerging areas.

The learner-centric academic system with dynamic curriculum, broad-based courses are some of the important hall-marks of this University. The BIU aims to promote academic autonomy and empowerment, design multidisciplinary courses and exploratory research across disciplines among its faculty and students.

GEOGRAPHICAL LOCATION WITH CAMPUS MAP IN SCALE



LAND USE DATA

Categories of Land Use	Area (M2)
PLANTATION AREA	25 Acres
BUILT UP AREA (INCLUDE ROADS)	25 Acres
TOTAL AREA	50 Acres

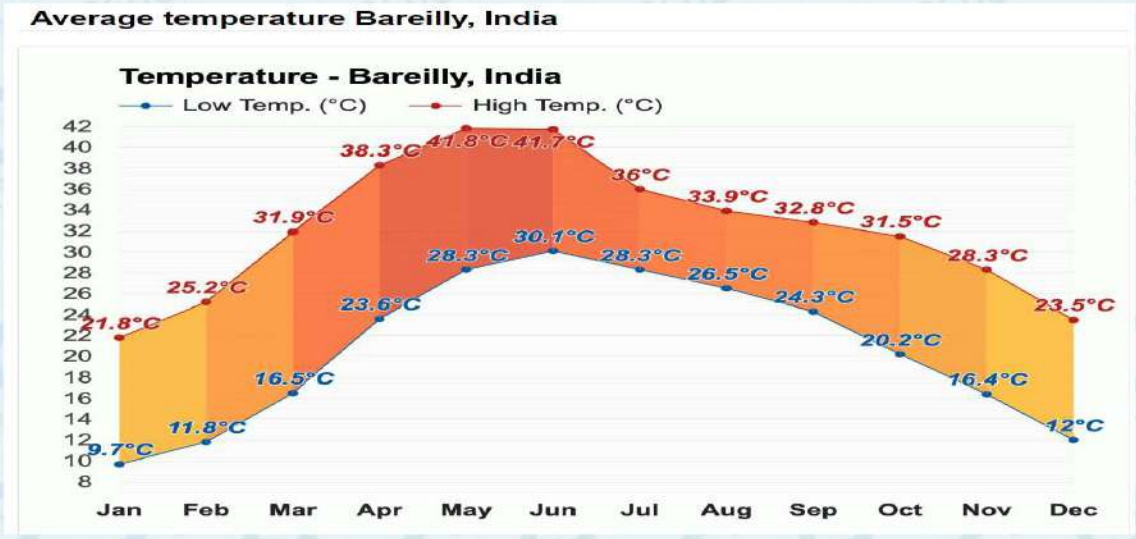
CLIMATIC PARAMETERS

1. Climate: Bareilly has a humid subtropical climate (Köppen climate classification: Cwa) with hot summers and cool winters.

2. Rainfall: The annual rainfall in Bareilly is 1,135 mm. The wettest month is July, with

an average rainfall of 246.3 mm. In 2023, the monsoon arrived in Bareilly 24 hours earlier than anticipated, June 24.

3. Temperature: In Bareilly, the wet season is hot, oppressive, and partly cloudy and the dry season is warm and mostly clear. Over the course of the year, the temperature typically varies from 49°F to 102°F and is rarely below 44°F or above 108°F.



BIO-DIVERSITY

Physical Count of Flora in Campus

S. No.	Particulars	Units
1	Trees	5000
2	Plants	50,000
3	Gardens	20

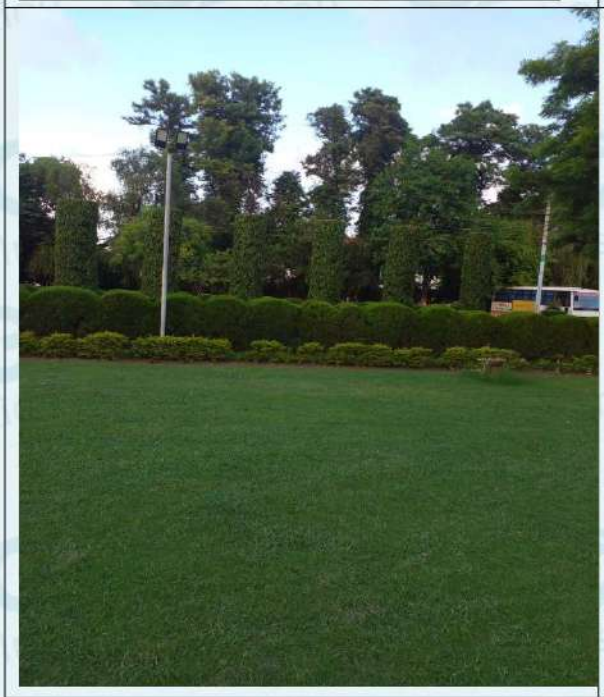
List of Tree/Shrubs/Herbs species found in the campus

S. No.	Botanical Name	Common Name	Units
Trees			
	Quercus Velutina	Oka	150
	Acer	Maple	50
	Pinus	Pine	20
	Ficus benghalensis	Banyan	40
	Mangifera Indica	Mango	300
	Azadirachta Indica	Neem	200

	Eucalyptus	Eucalyptus	240
	Betula	Birch	60
	Cedrus	Cedar	800
	Tectona grandis	Teek	350
Shrubs			
	Rosa	Roses	20000
	Lavandula	Lavender	10000
	Hibiscus	Hibiscus	2000
	Jasminum	Jasmine	3000
	Bougainvillea	Bougainvillea	900
	Rhododendron	Azalea	680
	Hydrangea	Hydrangea	2030
	Forsythia	Forsythia	950
	Camellia	Camellia	360
Grasses/Herbs			
	Ocimum basilicum	Basil	250
	Coriandrum sativum	Coriander	300
	Thymus vulgaris	Thyme	350
	Salvia Rosmarinus	Rosemary	2000
	Origanum vulgare	Oregano	600

Images of Green Cover of the University Campus






List of birds and animals

S. No.	Zoological Name	Common Name
1	Pavo cristalus	Peacock
2	Alcedinidae	Kingfisher
3	Coracias benghalensis	Indian Roller
4	Buceros bicornis	Great Indian Hornbill
5	Eudynamys scolopaceus	Asian Koel
6	Grus antigone	Sarus Crane
7	Passer domesticus	House Sparrow

8	Acridotheres tristis	Common Myna
9	Accipitridae	Eagle
10	Strigiformes	Owl
11	Psittacula krameri	Indian Parakeet
12	Columbidae	Pigeons
13	Corvus	Crow
14	Chiroptera	Bats
15	Felis Catus	Cat
16	Canis Lupus	Dog
17	Sciuridae	Squirrels
18	Rattus	Rats
19	Cercopithecidae	Monkey

LEGEAL REQUIREMENTS

Description	Registration Details
Consent to operate (CTO) from SPCB	Not available
Fire NOC	UPFS/2021/36699/BRL/BAREILLY/952/CFO
Water Boring permission	Not available
DG Set Permission	Not available

GENERAL

General Requirements: Environmental Policies / Environmental Objectives, etc	
Is there an environmental policy? Is it publicly communicated?	The organization has an established environmental policy that is publicly communicated, ensuring transparency, and demonstrating its commitment to environmental responsibility. The policy covers key areas such as sustainability, resource efficiency, waste management, pollution prevention, and education and engagement initiatives. Reference doc/pic no: A1
Is there a defined waste management policy in the organization?	Yes, there is a waste management policy available. It outlines how to manage e-waste, paper waste, and hazardous waste, bio-medical waste and includes waste management strategies, responsibility,

	monitoring, evaluation and an implementation plan. This policy ensures that all types of waste are handled efficiently and sustainably within the organization. Reference doc/pic no: A2
Are there any quantifiable environmental objectives decided by the organization?	Yes, the organization has established environmental objectives with targets set for the next 3-5 years. These objectives are aimed at enhancing sustainability and reducing the environmental impact of the organization's operations. They include measurable goals such as reducing energy consumption, minimizing waste, improving water efficiency, and lowering greenhouse gas emissions, green building certification, reduction in single use plastics, electric vehicle charging system. Reference doc/pic no: A3
Is the organization aware of all environmental Laws pertaining to different aspects of the organization's activities? Mention laws & compliance status.	No record found at the time of audit.
Does the organization have any Recognition /certification for the environment friendliness? Provide details.	Yes, the organization has received a G20 Summit Environmental Certificate for its efforts in enhancing the green cover of the campus, utilizing renewable resources, and implementing effective waste management practices. Reference doc/pic no: A6
Has the organization established any committee to decide, implement & monitor environmental initiatives?	Yes, the organization has established "Environmental committee for environmental initiatives. The club typically engages in a variety of activities, such as organizing clean-up drives, planting trees, waste management practices, Air quality monitoring etc. to advocating for eco-friendly practices in the community Reference doc/pic no: A4
Has the institution ever received any notice/warning from the pollution control board or any other concerned environmental authorities? If yes, then	NO, college has not received any notice/warning from the pollution control board or any other concerned environmental authorities.

what corrective & preventive measures have been taken?	Reference doc/pic no: A5

Related images / documents

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Email : info@rmcbareilly.com, info@biu.edu.in Website : www.biu.edu.in

BIU/REG/367(A)/2293(A) Date: 19/7/2022

Environmental Policy

Environmental Policy for [Bareilly International University]

1. Purpose The purpose of this Environmental Policy is to establish [Bareilly International University]'s commitment to environmental stewardship, sustainability, and the promotion of eco-friendly practices in all aspects of its operations, including academic, clinical, and administrative activities.
2. Scope This policy applies to all members of the [Bareilly International University] community, including students, faculty, staff, and visitors, and covers all facilities, operations, and activities within the college.
3. **Objectives**

Sustainability: Integrate sustainable practices into daily operations and academic programs.
Resource Efficiency: Reduce energy, water, and material consumption.
Waste Management: Minimize waste generation and enhance recycling efforts.
Pollution Prevention: Reduce emissions and pollutants from college activities.
Education and Engagement: Promote environmental awareness and responsibility among students, faculty, and staff.

4. **Policy Statements**

Energy Efficiency: Implement energy-saving measures such as LED lighting, energy-efficient appliances, and regular maintenance of HVAC systems. Encourage the use of renewable energy sources where feasible.

Water Conservation: Adopt water-saving technologies and practices, including low-flow fixtures and efficient irrigation systems.

Waste Management: Reduce, reuse, and recycle materials wherever possible. Implement a comprehensive waste management program that includes segregation of recyclables, composting of organic waste, and proper disposal of hazardous materials.

Sustainable Procurement: Prioritize the purchase of environmentally friendly products and services, including recycled materials, non-toxic cleaning supplies, and energy-efficient equipment.

Green Building Practices: Incorporate sustainable building practices in new construction and renovation projects, aiming for certification under green building standards such as LEED.

Pollution Prevention: Ensure proper handling and disposal of hazardous materials, including medical and chemical waste. Implement measures to minimize emissions and reduce the environmental impact of college operations.

Transportation: Promote sustainable transportation options, such as public transit, carpooling, and cycling. Provide facilities for bicycle parking and support programs for reducing single-occupancy vehicle use.

Education and Training: Integrate environmental education into the curriculum and provide ongoing training for staff and faculty on sustainable practices and environmental responsibility.

5. **Responsibilities**

Administration: Ensure the implementation of this policy, allocate resources for environmental initiatives, and monitor progress.

Facilities Management: Oversee the day-to-day management of environmental practices, including waste disposal, energy use, and maintenance.

Faculty and Staff: Support and adhere to environmental policies, participate in training, and promote sustainability within their departments.

Students: Engage in and promote sustainable practices, participate in environmental initiatives, and contribute to a culture of environmental responsibility.

6. **Monitoring and Reporting**

Audits and Assessments: Conduct regular environmental audits and assessments to measure performance and identify areas for improvement.

Reporting: Provide annual reports on environmental performance and progress towards sustainability goals to the college community.

7. Review and Revision This policy will be reviewed annually and updated as necessary to ensure its continued relevance and effectiveness in achieving environmental goals.
8. Contact Information For questions or concerns regarding this policy, please contact [Designated Environmental Coordinator or Department].

Registrar

A1. Environmental policy

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BIU/REG/367(A)/2312 Date: 21/07/2022

Waste Management Policy

Waste Management Policy for [Bareilly International University]

1. Purpose The purpose of this Waste Management Policy is to outline [Bareilly International University]'s commitment to effective waste management practices, promoting sustainability, and ensuring compliance with environmental regulations. This policy aims to minimize waste generation, enhance recycling, and ensure safe disposal of waste materials.
2. Scope This policy applies to all members of [Bareilly International University] including students, faculty, staff, and visitors, and covers all waste generated by academic, clinical, administrative, and research activities.
3. **Objectives**

Waste Reduction: Minimize the amount of waste generated through efficient practices and processes.
Recycling and Reuse: Enhance recycling and reuse of materials wherever possible.
Safe Disposal: Ensure the safe and compliant disposal of all waste, particularly hazardous and biomedical waste.
Compliance: Adhere to local, state, and federal regulations regarding waste management.
Education: Promote awareness and education on waste management practices among the university community.

4. **Policy Statements**

Waste Hierarchy: Follow the waste management hierarchy of reduce, reuse, recycle, and dispose. Prioritize waste reduction and reuse before considering recycling and disposal.
Segregation: Implement and maintain waste segregation practices. Clearly label and provide separate bins for different types of waste, including:
General Waste: Non-hazardous waste that cannot be recycled.
Recyclables: Materials such as paper, cardboard, glass, and certain plastics.
Biomedical Waste: Includes medical and laboratory waste that requires special handling.
Hazardous Waste: Includes chemicals, batteries, and other materials that pose environmental or health risks.

Biomedical Waste Management: Adhere to strict protocols for handling, storing, and disposing of biomedical waste. Ensure that waste is treated or disposed of according to health and safety regulations.
Hazardous Waste Management: Implement procedures for the proper handling, storage, and disposal of hazardous materials. Coordinate with certified hazardous waste disposal services.
E-Waste Management: Establish procedures for the disposal and recycling of electronic waste such as computers, printers, and medical equipment.
Training and Awareness: Provide regular training for staff and students on proper waste segregation, handling, and disposal practices. Promote ongoing awareness programs about the importance of waste management.
Procurement: Where possible, procure products with minimal packaging and those that are recyclable or made from recycled materials.
Records and Reporting: Maintain accurate records of waste generation, recycling rates, and disposal. Prepare and submit reports as required by regulatory agencies and for internal review.
Continuous Improvement: Regularly review and update waste management practices to improve efficiency, reduce waste generation, and enhance recycling efforts.

5. **Responsibilities**

Administration: Oversee the implementation of this policy, allocate resources, and ensure compliance with regulations.
Facilities Management: Manage waste collection, segregation, and disposal. Conduct regular audits and provide necessary training.
Departments and Labs: Adhere to waste segregation and handling procedures specific to their operations. Ensure compliance with all relevant regulations.
Students and Staff: Follow waste management practices, participate in training sessions, and contribute to waste reduction and recycling efforts.

6. **Monitoring and Evaluation**

Audits: Conduct regular waste audits to evaluate waste generation patterns, recycling rates, and compliance with the policy.
Performance Metrics: Track key performance indicators such as waste diversion rates and reductions in waste generation.
Feedback: Collect feedback from the university community to identify areas for improvement and address any concerns.

7. Review and Revision This policy will be reviewed annually and updated as needed to ensure its effectiveness and alignment with best practices and regulatory requirements.
8. Contact Information For questions or concerns regarding this policy, please contact [Dr. Faiz Shamshi, Administrative officer].

Registrar

A2. Waste management policy

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BIU/REG/367(A)/23c2 Date: 18/07/2022

Quantifiable Environmental Objective

Quantifiable environmental objectives are essential for setting clear, measurable goals that help track progress and drive improvement. Here are some examples of quantifiable environmental objectives tailored for a medical university:

1. Energy Consumption Reduction

- **Objective:** Reduce overall energy consumption by 15% over the next 5 years.
- **Measurement:** Compare total energy usage (in kWh) from utility bills at the end of each year to the baseline year's data.

2. Waste Diversion Rate

- **Objective:** Achieve a 30% waste diversion rate (percentage of waste diverted from landfills through recycling and composting) within 3 years.
- **Measurement:** Track and report the total amount of waste generated and the amount diverted to recycling and composting programs.

3. Water Usage Reduction

- **Objective:** Decrease water usage by 20% per capita (per student, faculty, and staff) over the next 4 years.
- **Measurement:** Monitor and compare total water consumption (in gallons or liters) to the total number of individuals on campus annually.

4. Green Building Certification

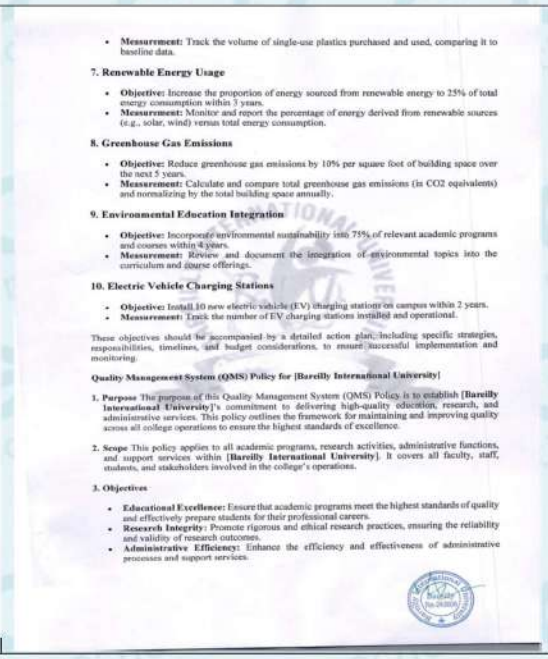
- **Objective:** Achieve LEED (Leadership in Energy and Environmental Design) certification for at least 2 new or renovated buildings within 5 years.
- **Measurement:** Track the certification status of new and existing buildings.

5. Sustainable Procurement

- **Objective:** Ensure that 40% of all procurement expenditures are for products and services that meet recognized environmental standards (e.g., Energy Star, Fair Trade) within 2 years.
- **Measurement:** Review and categorize procurement expenditures based on environmental criteria.

6. Reduction in Single-Use Plastics

- **Objective:** Cut the use of single-use plastics by 50% within 2 years.



- **Measurement:** Track the volume of single-use plastics purchased and used, comparing it to baseline data.

7. Renewable Energy Usage

- **Objective:** Increase the proportion of energy sourced from renewable energy to 25% of total energy consumption within 3 years.
- **Measurement:** Monitor and report the percentage of energy derived from renewable sources (e.g., solar, wind) versus total energy consumption.

8. Greenhouse Gas Emissions

- **Objective:** Reduce greenhouse gas emissions by 10% per square foot of building space over the next 5 years.
- **Measurement:** Calculate and compare total greenhouse gas emissions (in CO_2 equivalents) and normalizing by the total building space annually.

9. Environmental Education Integration

- **Objective:** Incorporate environmental sustainability into 75% of relevant academic programs and courses within 4 years.
- **Measurement:** Review and document the integration of environmental topics into the curriculum and course offerings.

10. Electric Vehicle Charging Stations

- **Objective:** Install 10 new electric vehicle (EV) charging stations on campus within 2 years.
- **Measurement:** Track the number of EV charging stations installed and operational.

These objectives should be accompanied by a detailed action plan, including specific strategies, responsibilities, timelines, and budget considerations, to ensure successful implementation and monitoring.

Quality Management System (QMS) Policy for [Bareilly International University]

1. Purpose The purpose of this Quality Management System (QMS) Policy is to establish **[Bareilly International University]**'s commitment to delivering high-quality education, research, and administrative services. This policy outlines the framework for maintaining and improving quality across all college operations to ensure the highest standards of excellence.

2. Scope This policy applies to all academic programs, research activities, administrative functions, and support services within **[Bareilly International University]**. It covers all faculty, staff, students, and stakeholders involved in the college's operations.

3. Objectives

- **Educational Excellence:** Ensure that academic programs meet the highest standards of quality and effectively prepare students for their professional careers.
- **Research Integrity:** Promote rigorous and ethical research practices, ensuring the reliability and validity of research outcomes.
- **Administrative Efficiency:** Enhance the efficiency and effectiveness of administrative processes and support services.

A3. Quantifiable environmental objective

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BIU/REG/367(A)/23c5 Date: 19/07/2022

To whomsoever it may concern

This is to certify that Institution has never received any notice and warning from the pollution control board or any other concerned environmental authority.

Registrar

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BIU/REG/367(A)/23c3 Date: 16/07/2022

Environmental Committee

The organization is aware of all the following Government laws which are described below

The Wildlife (Protection) Act, 1972.

The Water (Prevention and Control of Pollution) Act, 1974.

The Air (Prevention and Control of Pollution) Act, 1981.

The Environment (Protection) Act, 1986.

The ozone-depleting substances (regulation and control) rules, 2000.

And for this an Environmental committee has been constituted and are

Sr/No.	Name	Designation	Responsibility
1	Dr. Digvijay Singh	Principal (RMCH)	Member
2	Dr. Sathyajith Naik. N	Principal (IDS)	Member
3	Dr. Mukesh Kumar	Principal (RMCH)	Member
4	Dr. Priyanka A. Maith	Principal (RCN)	Member
5	Dr. Abnish Singh	Principal (BIUCHI)	Member
6	Dr. Anita P	Vice Principal (RCN)	Member
7	Dr. Medhavi Agarwal	Prof. Community Medicine (RMCH)	Member

A composting machine, Air purification machine, Effluent treatment plant & Rainwater harvesting unit has been installed. Also plantation drive has been conducted at regular Interval.

Registrar

A4. Self delcartaion certificate

A5. Enviromental committee

	
A6. Environmental friendly certificate	

Observation
1. The organization does not aware of all environmental Laws pertaining to different aspects of the organization's activities.

POLLUTION

Air Pollution Management (objective, practices / methods to minimize air pollution)	
Identify the major sources of air pollution within the organization & the actions taken to either eliminate or minimize the pollution.	Vehicles, DG stacks, and HVAC systems are major sources of air pollution. In response, the organization has taken the initiative to implement a Green Campus Policy to mitigate their environmental impact. Reference doc/pic no: B1
HVAC maintenance and calibration records, testing and balancing reports. When was the duct system tested for leakage last?	No record found at the time of audit.
DG set stack emission test as per CPCB norms.	The institute has a DG set as a power backup of 400 KVA,1000 KVA and 685 KVA that is used whenever there is a power cut-off due to load shading or maintenance of electricity on the college campus.

	The stack emission test for the DG set has been conducted; however, the noise and air pollution tests were not carried out. DG set air pollution level and noise pollution level conducted by CDG Inspection LTD. at the time of the Audit. The following are the outcomes of the check conducted: DG set air pollution level: PM2.5- 16 µg/m3 Air pollution level: 006 (Fresh) Noise pollution level: Maximum – 103.1 dBA Minimum- 57.1 dBA Reference doc/pic no: B3, B4, B5
Related documents / images	
	
B1. Green campus	B2.Air pollution meter

B3. Maximum noise level

B4. Minimum noise level

B5. DG set

Observations:

- It is recommended that the institute conduct DG set stack emission test in accordance with SPCB.
- The organization needs to maintain a HVAC calibration records and testing and balancing reports and it should also maintain the Periodic record of the same.

In-Door Air Quality
(Checks, methods, tests & practices to ensure indoor air quality)

Does the organization test indoor air quality? Details of last indoor air quality test done.	There were no records to verify that the college conducted the test to check indoor air quality test. An indoor air quality check of the campus was Conducted by CDG Inspection Ltd. At the time of the audit. Indoor air quality level: 04 Air pollution level : 02 (Fresh) Humidity- 83% TVOC- 00 mg/m^3 PM2.5: 06 µg/m^3 Reference doc/pic no: C2,C3
Is there a proper system of exhaust of indoor air?	Staff room, corridor, etc. comprises windows for proper ventilation. The indoor airflow was checked at the time of the audit and the outcome was 5.8 ft/min. Reference doc/pic no: C3
Supplies: • Are 'Material Safety Data Sheets (MSDS)' available for different types of supplies (Ex: solvent, wax, adhesives, paints, flammables etc.)? • Are storage areas separate & ventilated properly? • Are less or nonhazardous materials used when possible? • Does the organization have a defined system to evaluate & find out safer alternatives? • Is there a defined procedure available for disposal of used	• No related record found at the time of audit. • The organisation emphasizes the importance of maintaining well-ventilated storage areas to ensure the safety and integrity of stored materials. Various storage facilities across the campus, including those for chemicals, equipment, paint, cleaning products etc. are designed with adequate ventilation systems to prevent the accumulation of harmful gases, odors, and moisture. • No record found at the time of audit. • No record found at the time of audit.

substances?	
General Cleanliness: • Are rooms dusted and vacuumed thoroughly and regularly? What are related checks & controls? • Does the organization ensure to use of environment-friendly, non-scented cleaning products?	• Yes, the classroom, library, staff room and other areas of the campus were found to be neat and clean at the time of the audit. Reference doc/pic no: C5 • No record found at the time of audit.
Pest control methods & products used (check & control).	The organization does the pest control Procedure in daily basis. Reference doc/pic no: C1
Does the organization ensure use of low emitting paints, coatings, furniture etc.? What are related checks & controls?	No record found at the time of audit.
Is there any sign of mold infestation?	No, there is no sign of mold infestation in the organization.
Does the organization eliminate any bird or animal nests or droppings near outdoor air intakes?	No, institute does not harm or eliminate any bird or animal nests.
What are the methods adopted by the organization to control/prevent dust within the buildings?	The buildings have glass windows and greenery around them that help to prevent dust entry and there is daily dusting activity done in the organization. Reference doc/pic no.: - C6, C4, C7
Related records / images	

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BIU/REG/367(A)/2364 Date: 16/12/2022

Paste Control Method & Procedure

Implementing a comprehensive pest control method and procedure is crucial for maintaining a clean and safe environment. Pests can pose health risks and disrupt the university's operations, so a well-structured approach is essential. Here's a detailed pest control method and procedure:

1. Integrated Pest Management (IPM) Approach

Integrated Pest Management (IPM) is a holistic approach that combines multiple strategies to control pests effectively and sustainably.

1.1. Prevention

- **Building Maintenance:** Seal cracks, crevices, and other entry points in buildings. Ensure windows and doors are properly fitted.
- **Sanitation:** Maintain high standards of cleanliness in all areas, including classrooms, labs, cafeterias, and dormitories. Regularly clean and disinfect surfaces.
- **Waste Management:** Implement proper waste disposal practices. Ensure that garbage is regularly collected and stored in pest-proof containers.
- **Landscaping:** Manage outdoor areas by keeping vegetation well-trimmed and avoiding excessive mulch or standing water, which can attract pests.

1.2. Monitoring

- **Regular Inspections:** Conduct routine inspections of buildings and grounds to identify signs of pest activity. Check areas such as kitchens, labs, storage rooms, and waste disposal areas.
- **Pest Sightings Log:** Maintain a log of pest sightings and complaints from staff, students, and faculty to track pest activity and identify patterns.

1.3. Identification

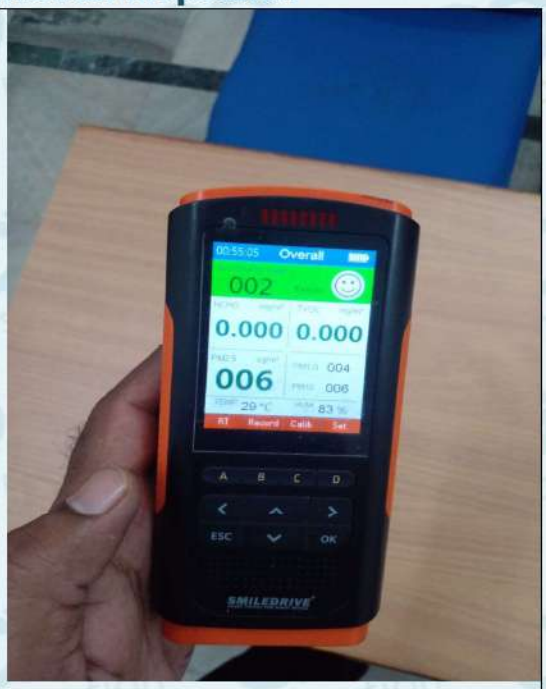
- **Pest Identification:** Properly identify pests to determine the most effective control methods. This may involve consulting with pest control professionals or using identification guides.
- **Assessment of Infestation:** Evaluate the extent of the infestation to develop an appropriate control plan.

2. Control Methods

2.1. Physical Controls

- **Traps:** Use traps to capture and monitor pests. Place them in strategic locations based on pest activity.

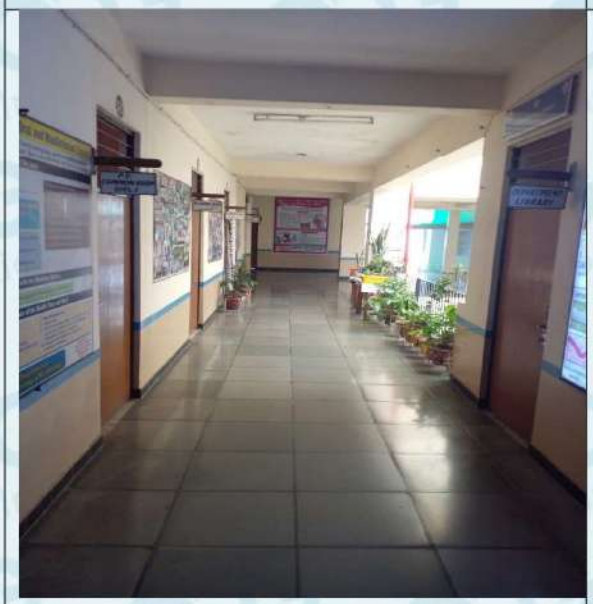
C1. Pest control procedure



C2. Indoor air quality

C3. Indoor air flow

C4. Green environment

	
C5. Clean work space	C6. Glass door, window for dust free environment
	
C7. Green corridor	

Observations:

- Organization does not use of environment-friendly, non-scented cleaning products.
- Organisation does not use of low-emitting paints, coatings etc.
- Organization should have a defined system to evaluate & find out safer alternatives and should use less or non-hazardous materials used when possible.
- The organization does not have Material Safety Data Sheets (MSDS) for different types of supplies (Ex: solvent, wax, adhesives, paints, flammables etc.
- The organization does not conduct indoor air quality tests in accordance with SPCB guidelines.

WATER POLLUTION

Water Pollution Management (objective, practices / methods to minimize water pollution)	
Source of water pollution within the premises.	Water pollution within a university can result from various sources, including untreated sewage discharge, improper disposal of laboratory waste, and stormwater runoff carrying pollutants from parking lots and rooftops. Canteen wastewater containing food particles and oils also contributes to water pollution if not properly managed.
Measures taken to prevent / stop water wastage.	The organization provides water-saving training through seminars to educate staff and students on how to prevent and reduce water wastage. Reference doc/pic no.: - D1
Does the institute harvest rainwater? Give details.	Yes, the institute has a rainwater harvesting system with a capacity of 100,000 liters.
Is there any water recycling system? Give details.	Yes, the institute has an effluent treatment plant with a capacity of 150 KLD (kiloliters per day). This system treats wastewater, ensuring that it meets environmental standards before being reused or safely discharged. Reference doc/pic no.: - D3
Is there any effluent treatment plant in premises? No. of outlets for discharge of effluent?	Yes, an effluent treatment plant is in place, and the system has a single outlet for the discharge of treated wastewater.
What is the quantity of effluent in KLD?	The quantity of effluent is 130 KLD.
Whether operating STP/ETP satisfactorily?	Yes, the ETP operating is satisfactory.
Whether provided flow meters on outlet & inlet of ETP/STP?	No record found at the time of audit.
Whether provided separate electricity meter on ETP/STP?	No record found at the time of audit.

Whether maintained Logbook for consumption of Electricity/ Chemicals/Quantity of effluent?	No record found at the time of audit.
Detail of land in case effluent is discharged for percolation/ irrigation purpose with justification for its 100% utilization.	To fully utilize 100% of the treated effluent for percolation or irrigation purposes across 20 acres of land, a comprehensive approach is necessary. The 150 KLD (kiloliters per day) of treated effluent can be effectively used for irrigation, ensuring that the entire area benefits from sustainable water use.
Status of ZLD (Zero Liquid Discharge) as per CPCB	No record found at the time of audit.
Locate the point of entry of water and point of exit of waste water in the organisation.	Borewell is the source of entry point of water and ETP is the exit of waste water in the organization.
Related records / images	
	
D1. Water saving training	D2. Treated water tank

	
D3. Waste water treatment plant	
Observations:	
• Flow meters are not installed on the inlet and outlet of the ETP/STP, which hinders accurate monitoring of effluent flow rates. • A separate electricity meter for the ETP/STP has not been provided, making it difficult to track energy consumption specifically for wastewater treatment processes. • The logbook for recording the consumption of electricity, chemicals, and the quantity of effluent treated is not being maintained. • The organization is not compliant with Zero Liquid Discharge (ZLD) requirements as per CPCB guidelines.	

Water Consumption & Water Efficiency Use of water (indoor and outdoor water) & practices related to efficient /reduced use of water.)	
Sources of water supply	Borewell- 4 Nos.
Number of water storage tanks and their storage capacity. Total water storage capacity.	50 water tank- 10,000 liter each
Water used in irrigation	50,000ltr/week
Water used in cleaning	10,000 ltr/week

Details	No. of persons	Domestic (liter/ day)	Flushing (liter / day)	Total (liter / day)

Students	3000	10	35	1350000
Teaching Staff	654	10	35	29430
Technical Staff	100	10	35	45000
Non-technical Staff	350	10	35	15750
Outsourced Staff	157	10	35	7065
Total	4261	50	175	14,47,245

Description	Requirement*	Actual consumption
Water consumption per head /day	Without boarding facility: 45 liter per head / day With boarding facility: 135 liter per head / day	45 lit per head/day
*As per Central Ground Water Authority Guidelines water requirements (Ref. NBC 2016, BIS) of an educational institute for drinking and domestic use.		

SANITARY CONVENIENCE TO BE PROVIDED

Fitments	Educational Institutes (non-Residential)				Educational Institutes (Residential)			
	Boys		Girls		Boys		Girls	
	Req.*	Actual	Req. *	Actual	Req. *	Actual	Req.	Actual
Water closets	1 per 40 pupils or part thereof		1 per 25 pupils or part thereof		1 for every 8 pupils or part thereof	86	1 for every 6 pupils or part thereof	85
Ablution taps	1 in each water closet		1 in each water closet		1 in each water closet	86	1 in each water closet	85
Urinals	1 per 20 pupils		-	-	1 for every 25 pupils or part thereof	100	-	-
Wash basins	1 per 60 pupils, Min 2		1 per 40 pupils, Min 2		1 for every 8 pupils or part thereof	43	1 for every 6 pupils or part thereof	42
Bath	-	-	-	-	1 for every 8		1 for every 6	

					pupils or part thereof		pupils or part thereof	
Drinking water fountains or taps	1 for every 50 pupils or part thereof		1 for every 50 pupils or part thereof		1 for every 50 pupils or part thereof	55	1 for every 50 pupils or part thereof	52
Cleaner's sinks	1 per floor, minimum							

*As per IS 1172:1993

NOISE POLLUTION

Noise Pollution Management (objective, practices / methods to minimize noise pollution)
During the recent inspection carried out by CDG at the college premises, an assessment of the ambient sound levels was conducted. The measurements indicated varying levels of noise, with readings recorded at 82 dB, 54.6 dB, 76.7 dB, and 60.5 dB.

Noise level in dB(A) Leq	**Standard Level***	**Actual Level**
Day Time	50	68.45 dB

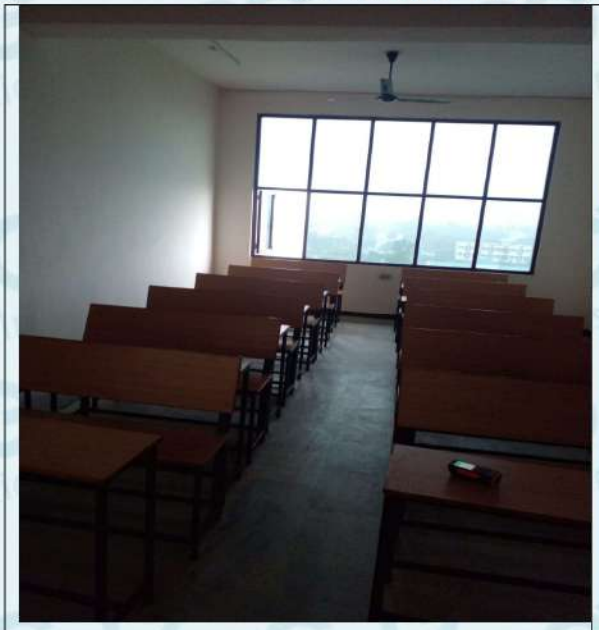
*As per The Noise Pollution (Regulation and Control) Rules, 2000; rule 3(1) and 4(1)
Day time from 6:00am to 10:00pm
Nighttime from 10:00pm to 6:00am

Related records / images


E1. Noice meter

Building Sustainability	
Ensure that walls, floors, roofs, and windows are as energy efficient as possible.	The walls, floors, roofs, and windows of the institute are designed to be energy efficient. Glass is used as a building material to enhance energy efficiency by allowing in natural light and reducing the need for artificial lighting, resulting in lower electricity consumption. Reference doc/pic no.: - F1, F2
Design for good indoor air quality	Yes, every classroom, staff room, corridor, and other areas within the building are equipped with windows to ensure proper ventilation. These windows facilitate the circulation of fresh air, helping to maintain a healthy and comfortable indoor environment. Proper ventilation is crucial for reducing the buildup of indoor pollutants, controlling humidity levels, and providing natural light, all of which contribute to the well-being and productivity of students and

	staff. This design consideration reflects the organization's commitment to creating a conducive learning and working atmosphere. Reference doc/pic no.: - F3
Use of natural daylight in building interiors as a source of ambient light.	Yes, there is use of natural daylight in building interiors as a source of ambient light. Reference doc/pic no.: - F1, F3
Use of low emitting materials for building modifications, maintenance, and cleaning.	No record found at the time of audit.
Related records / images	
	
F1. Natural light using inside campus for lighting	F2. landscaping with trees and plants

	
F3. Windows for proper ventilation and natural light	F4. LUX meter reading

Lighting	
Use of energy efficient lighting system (bulb & other products)	The college has installed an LED light on its campus. Reference doc/pic no.: - G2
Use of natural day light	Yes, there is a use of natural daylight in every classroom, library, and lab. Reference doc/pic no.: - G1
Related records / images	

	
G1.Glass window for natural light	G2. LED Light arrangement

ILLUMINATION LEVELS AND GLARE INDEX

Sr. No.	Area	Standard Illumination (Lux)*	Standard Glare Index*	Actual Illumination (Lux)	Actual Glare Index
a)	Classrooms	300	16	130	
b)	Lecture rooms (including demonstration areas)	300	16	206	
c)	Reading rooms	150 to 300	19	600	
d)	Laboratories	300	16	154	
e)	Corridors	70	-	103	
f)	Libraries	300	16	54	
g)	Auditorium I. Hall II. Foyer III. Stage area	 70 70 300	 - - 16	148 83 65	
h)	Gymnasiums	150	-	94	
j)	Cafeterias	100	-	205	
K)	Staff rooms	150	-	300	

Related records / images
   
H. LUX meter reading

* Recommended illumination Levels and Glare index as per National Lighting Code 2010 [ETD 24: Illumination Engineering and Luminaries] Part 5 Section 3

Electrical Equipment's	
Details of electrical equipment, its energy efficiency & practices	The university utilizes energy-efficient electrical equipment, including BEE star-rated Air conditioners systems and LED bulbs. Computer- 200 Nos. Printer-100 Nos. AC-100 Nos. LED Bulb-1000 Nos. Fan -500 Nos. Water heater-15 Nos. Fridge-100 Nos. Reference doc/pic no.: - G1,G2,G3
Related images:-	

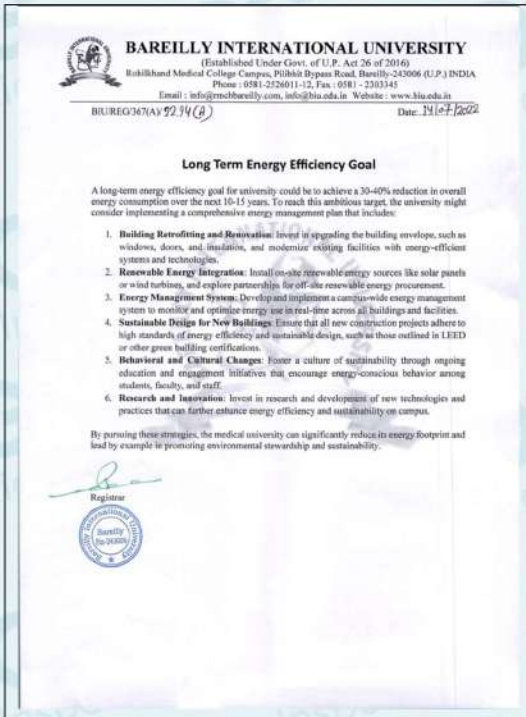
	
G1. HVAC System	G2. Light
	
G3. Printer, computer	G4. AC

ELECTRICITY CONSUMPTION

Month	Electricity Consumption (Last 6 months)
September 2024	3705909
August 2024	3998349
July2024	4291365
June2024	4663938
May 2024	3318780
April2024	1888319

Energy Efficiency
(consumption, objective, practices / methods to achieve energy efficiency objectives)

Current energy uses.	<table><tr><th>Energy Sources</th><th>Consumption (Unit)</th></tr><tr><td>Electricity</td><td>36,44,444/-</td></tr><tr><td>Fuel oil</td><td>2000 lit/year</td></tr><tr><td></td><td></td></tr></table>
Short-term energy efficiency goals & roadmap to achieve those goals.	A short-term energy efficiency goal typically focuses on reducing energy consumption within a defined period, such as six months to a year. This may involve actions like upgrading lighting to LED, improving HVAC system efficiency, promoting energy-saving practices among staff and students, or conducting energy audits to identify quick wins. The aim is to achieve measurable reductions in energy use, lower operational costs, and reduce the carbon footprint, while setting the foundation for long-term sustainability improvements. Reference doc/pic no.: - H1
Long-term energy efficiency goals & roadmap to achieve those goals.	A long-term energy efficiency goal typically aims at achieving substantial, sustainable reductions in energy consumption over several years. This might include initiatives like transitioning to renewable energy sources (e.g., solar or wind), implementing smart energy management systems, retrofitting buildings for improved insulation, or investing in energy-efficient technologies across the campus. The goal is to create a lasting impact on energy use, lower greenhouse gas emissions, and support overall sustainability efforts while improving operational efficiency and reducing long-term costs. Reference doc/pic no.: - H2



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BIU/REG/367(A)/22.34(a) Date: 21/07/2022

Long Term Energy Efficiency Goal

A long-term energy efficiency goal for university could be to achieve a 30-40% reduction in overall energy consumption over the next 10-15 years. To reach this ambitious target, the university might consider implementing a comprehensive energy management plan that includes:

1. **Building Retrofitting and Renovation**: Invest in upgrading the building envelope, such as windows, doors, and insulation, and modernize existing facilities with energy-efficient systems and technologies.
2. **Renewable Energy Integration**: Install on-site renewable energy sources like solar panels or wind turbines, and explore partnerships for off-site renewable energy procurement.
3. **Energy Management System**: Develop and implement a campus-wide energy management system to monitor and optimize energy use in real-time across all buildings and facilities.
4. **Sustainable Design for New Buildings**: Ensure that all new construction projects adhere to high standards of energy efficiency and sustainable design, such as those outlined in LEED or other green building certifications.
5. **Behavioral and Cultural Changes**: Foster a culture of sustainability through ongoing education and engagement initiatives that encourage energy-conscious behavior among students, faculty, and staff.
6. **Research and Innovation**: Invest in research and development of new technologies and practices that can further enhance energy efficiency and sustainability on campus.

By pursuing these strategies, the medical university can significantly reduce its energy footprint and lead by example in promoting environmental stewardship and sustainability.

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H1.Long term energy efficiency goal

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Short Term Energy Efficiency Goal

A short-term energy efficiency goal for a University could be to reduce energy consumption by 5-10% within the next year. This could be achieved through a combination of strategies such as:

1. **Upgrading Lighting**: Replace old lighting fixtures with energy-efficient LED bulbs in classrooms, labs, and administrative areas.
2. **Optimizing HVAC Systems**: Perform maintenance and calibrate heating, ventilation, and air conditioning systems to ensure they are running efficiently.
3. **Enhancing Insulation**: Improve insulation in older buildings to reduce heating and cooling needs.
4. **Implementing Smart Thermostats**: Install smart thermostats to better control heating and cooling schedules based on actual usage patterns.
5. **Encouraging Energy-Saving Behaviors**: Launch an awareness campaign to promote energy-saving practices among students, faculty, and staff.

By focusing on these areas, the university can make noticeable improvements in its energy efficiency in a relatively short timeframe.

Registrar

H2.Short term energy efficiency goal

On-Site Energy Generation
(Details of renewable energy generation projects on organization's property for organization's use)

The solar power plant at Bareilly International University is designed to generate a total capacity of *101.4KW* through *260 monocrystalline PERC solar panels*, each with a *wattage of 390W*. The system is equipped with *three inverters*, one rated at *50KW (INv1)* and two more at *50KW each (INv2)*, ensuring efficient conversion of the DC output from the solar panels to usable AC power. To manage the electrical distribution, a *100KW AC Distribution Box (ACDB)* is installed, ensuring a smooth and protected flow of electricity. The use of *monocrystalline PERC* panels enhance efficiency and performance, even in low-light conditions, making this system not only effective but also sustainable. The entire solar setup plays a key role in the university's efforts towards energy conservation and reducing environmental impact, contributing to their goal of sustainable energy management and operational efficiency.

Related records / images

	
I. Solar energy meter	II. Solar panel

DRINKING WATER

Drinking Water Quality (As per IS 10500: 2012)
During the inspection conducted by CDG Inspection Ltd, a pH test was performed on the drinking water. The results confirmed that the water is not safe for consumption, with a pH value of 5.79. This pH level falls outside the acceptable range for drinking water, indicating that the water is too acidic. The assessment highlights the need for the water to meet the required quality standards to ensure the health and safety of individuals consuming it. Regular monitoring of water quality parameters, including pH, is essential to maintain the integrity of drinking water sources and safeguard public health Reference doc/pic no: J
Related records / images

	
J. pH meter test	
Observations:	
The institute does not conduct drinking water quality test from as per IS 10500:2012 an accredited lab.	

WASTE MANAGEMENT

Type of waste - Plastic waste Approximate annual quantity- 1500 kg/yr Source of waste – Packaging, furniture, Office stationery, Handling methods: Sell to local vendor Measures to reduce the waste quantity- No record found at the time of audit.
Type of waste – Paper waste Approximate annual quantity- 1000 kg/year Source of waste – Examination paper, Answer sheet, stationary, academy Handling methods- sell to vendor Measures to reduce the waste quantity- both side use of papers, paper less work initiative

Type of waste – Electronic waste Approximate annual quantity- 100kg/ year Source of waste – Computer, printer Handling methods- sell to vendor Measures to reduce the waste quantity- No record found at the time of audit. Type of waste – Hazardous waste Approximate annual quantity- 50kg/year Source of waste – Pharmaceutical, medicine, medical equipment Handling methods- Handover to register and certified agencies Measures to reduce the waste quantity- minimum use of handover use material
Type of waste – Garden waste Approximate annual quantity- 1500kg/year Source of waste – leaf, plant, tree, and crop waste Handling methods- Compositing plant Measures to reduce the waste quantity- proper Gardening and Regular Maintenance
Type of waste – Food waste Approximate annual quantity- 3000kg/year Source of waste –Canteen, mesh

Handling methods- Compositing Plant Measures to reduce the waste quantity- No record found at the time of audit.
Type of waste – Bio-medical waste Approximate annual quantity- No record found at the time of audit. Source of waste – No record found at the time of audit. Handling methods- No record found at the time of audit. Measures to reduce the waste quantity- No record found at the time of audit.
Observation:
• The organization lacks proper adoption of waste management procedures. This deficiency can lead to inefficient handling of waste, increased environmental impact, and potential health hazards. Implementing and adhering to comprehensive waste management practices is essential for maintaining a clean and sustainable environment.

COMPOSTING PLANT

How much organic waste is generated in a day? What type of organic waste is generated?	Various types of organic waste are generated in the institute, such as leftover food, vegetable peels, and garden waste. Approximately 15 kg of organic waste are produced every day.
Details & capacity of compost plan installed in the organization.	No record found at the time of audit.
Details of composting method used	The composting plant installed at the university processes organic waste, converting food scraps, garden clippings, and biodegradable materials into nutrient-rich compost. This initiative reduces waste sent to landfills and supports campus sustainability efforts by providing eco-friendly soil for landscaping and gardening. The plant also serves as an educational tool, promoting environmental awareness among students and staff.

Compost facility maintenance & inspection plan	No record found at the time of audit.
Related records / images	
	
K. Composting plant	
Observation	
• The organization does not maintain proper documentation for the composting plant.	

RAINWATER HARVESTING

Provide details of the rainwater harvesting facility.	rainwater harvesting system has been installed near rooftop of every building. The roof runoff water is collected through network of pipe lines and stored in tanks. There are tanks in the campus where the roof runoff water is stored. The roof runoff water is allowed to infiltrate in the ground for recharge. There is proper plan for the maintenance of rainwater harvesting system. Reference doc/pic no.: -L1
Rainwater harvesting system maintenance plan	No record found at the time of audit.

Related records / images	
	
L. Rainwater harvesting pit	
Observation: The organization should maintain rainwater harvesting maintenance plan to improve water conservation and reduce waste.	

Training	
Has the organization provided waste management/handling training to concerned employees. Give details.	Yes, the organization provided training for waste management/handling by awareness seminar. Reference doc/pic no.: - M4
Has the organization provided training for energy saving?	Yes, the organization provided training for energy saving by awareness seminar. Reference doc/pic no.: - M1
Has the organization conducted training for solid waste management?	Yes, the organization provided training for solid waste management by awareness seminar. Reference doc/pic no.: - M2
Has the organization conducted awareness training for water saving?	Yes, the organization provided training for water saving by awareness seminar Reference doc/pic no.: - M3
Related records / images	

	
M1. Energy saving training	M2. Solid waste management training
	
M3. Water saving training	M4. Waste management training

Environmental Practices	
Waste recycling	Yes, food waste, canteen waste and garden waste are segregated and deposited into a compost plant for composting And ETP is used for cleaning and irrigation.
Waste Decomposition	Yes, food waste, canteen waste and garden waste are segregated and deposited into a compost plant

Rainwater harvesting	Yes, the rainwater harvesting system is installed in the campus.
Environmentally Preferable Purchasing (EPP) or Green Purchasing	The organization uses energy efficient appliances such as LED tube-lights, bulbs and 3 star rated AC. It uses ecofriendly products for cleaning.
Distinct receptacles for trash and recycling	No records found at the time of audit.
Low-emission transportation	No records found at the time of audit.
maximum use of clean energy	Yes, solar panels and rain water harvesting has been installed for maximum use of clean energy.
Preference to electronics over the paper	Yes, online exams are conducted and projects and assignments are submitted online
Campus garden	Yes, there is a beautiful campus garden that not only provides an aesthetic view of the campus but also helps improve air quality, reduce carbon footprint, and create a habitat for wildlife.

Environmental Initiatives / Green Initiatives

The organization has implemented a range of green initiatives to promote environmental sustainability and reduce its ecological footprint.

1) The organization prioritizes maintaining greenery within the campus to enhance the environment. Trees, plants, and green spaces not only improve air quality but also provide aesthetic and recreational benefits to the campus community.

2) The organization is committed to adopting energy-efficient instruments across its operations. By investing in energy-efficient technologies and practices, the organization minimizes energy consumption and reduces greenhouse gas emissions.

3) There has been a transition from CFL bulbs and tube lights to LED bulbs, which are more energy-efficient and have a longer lifespan. This switch not only lowers electricity usage but also decreases maintenance costs.

4) The organization demonstrates a preference for renewable energy sources over non-renewable ones, aligning with its commitment to sustainable practices. Utilizing renewable energy contributes to mitigating climate change and reducing dependence on fossil fuels.

Overall, these green initiatives showcase the organization's dedication to environmental stewardship and sustainable development, setting a commendable example for others to follow.

Green Belt/ Landscaping

Signature: -

eSign
Signed by: Amit Kumar
Reason: Certified Copy
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Date: 21-Sep-2024 (03:50 PM)

Inspection Engineer