

7.2.1. Describe at least two institutional best practices (as per NAAC) format

Best Practices I

1. **Title of the Practice:** Green Initiatives and Environment Friendly Campus.
2. **Duration:** Year of inception 2021. Yes, this practice still continuing and will continue
3. **Objectives of the Practice:** We have identified the following objectives that are in tune with the practice:
 - i. To raise environmental awareness among students, resulting in better environmental management, greater sustainability, and an improvement in the quality of life for all stakeholders associated with the campus.
 - ii. To make the campus as pollution-free as possible to safeguard every connected stakeholder from the adverse effects of environmental pollution. Plant more trees and protect the ones that are already there. To keep the campus cool and clean by putting into practice energy conservation strategies.
4. **The Context:** A clean environment is a basic necessity for human beings' health and efficiency. The main aim of the practice is to impart knowledge, create awareness, develop an attitude of concern and nurture the necessary skills to handle the environmental issues and challenges.

College has adopted a village called Namojamdoba, situated in the district of Paschim Bardhaman, West Bengal. We have put in an honest effort to ensure that our less privileged brothers and sisters become self-sufficient through various green and sustainable practices that the college pilots and, in the process, achieves economic and social advancement. For instance, the college has trained the denizens of the aforesaid village in the fields of rearing and cultivation of tasar silkworms, advanced methods of paddy cultivation, vermicomposting, and various other activities. Through such community development initiatives, we believe that we are able to make a difference in the lives of those less fortunate than ourselves, and thus, fulfil the responsibility of humanity.

5. **The Practice:**
 - i. The college has developed a beautiful campus with lawns, a botanical garden.
 - ii. The college has preserved the existing flora and fauna within the campus.
 - iii. Signboards/posters are displayed on the college campus to encourage ideas of plastic-free campuses, noise pollution, and environmental awareness.
 - iv. The college organizes international conferences, workshops, etc. on environment-related issues.

- v. LED bulbs are installed in the college buildings and the campus to save electricity.

6. Evidence of Success:

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

- i. Through periodical tree plantations, flora and fauna on the campus have been enriched, resulting in the transformation of the campus into an eco-friendly one.
- ii. An awareness campaign for the plastic-free campus through signboards and display boards has made the campus overall plastic free.
- iii. Through workshops/seminars/NSS/Nature Club, students are made aware of the various environmental issues.
- iv. A mandatory course on environmental awareness at the B.A/B.Sc./B.Com level is taught.

Our college has been very conscious about energy conservation. All tube lights, fans and The switches are numbered so that only the needed ones will be switched on. On every floor, the floor supporting staff and students are trained to switch off lights and fans when not required. Air conditioners are used only during the months when the temperatures are not comfortable, and they are set at 25 degrees Celsius. The other strategies put to use include:

Restricted entry of automobiles

Use of Bicycles or Battery-powered Vehicles

Pedestrian-friendly pathways

Ban on the use of plastic

Landscaping with trees and plants

7. Problems Encountered and Resources Required

While carrying out this practice, the following problems are encountered by the college:

- i. Green Campus initiatives are challenging, so they require determination and a long-term commitment from all the stakeholders.
- ii. The Green Campus initiative is a rather expensive practice. It needs expert advice and an investment of resources.
- iii. Sufficient manpower is needed to sustainably maintain green practices.
- iv. Lesser awareness among the students and community towards environmental issues aggravates the problem levels.

8. How college executed the plan

College environmental policy

- a) To create awareness regarding environmental policy amongst the students and management.
- b) To maintain a pollution-free campus by avoiding tobacco, pan-masala, and its subsequent chewing within the campus. Tobacco-free campus signboards are displayed at various strategic locations throughout the campus in accordance with government rules and regulations.
- c) To Use Solar Energy on College Campus by installing Solar Lamps and Solar Water Heaters in Girls' and Boys' Hostels.
- d) To sensitise the students and staff regarding the safe and sustainable use of potable drinking water, we have provided purified (RO aqua-guard) drinking water facilities within the campus. To implement 'Rain Water Harvesting' on campus, we collected rain water from the college roof and allowed it to percolate into the system, assisting ground water recharge.
- e) To observe 'No Vehicle Day' and keep the campus vehicle free, thereby saving on fuel and reducing environmental pollution.
- f) To maximise the use of ICT and minimise the use of paper and hence promote the concept of "Paperless Office".
- g) To use the solid waste through vermi-compost on the campus and use it as a fertilizer.
- h) We have built seating arrangements under the shade of trees on our campus to reduce noise pollution.
- i) To use "Use me" dry and wet dustbins on the college campus so as to keep the college campus clean.
- j) Protection and nurturing of the flora and fauna within the campus is given considerable priority.
- k) To maintain a green campus, a "green audit" is planned to be done on a periodic basis.

l. Tree Plantation:

Our institution is committed whole-heartedly to the cause of the environment. We regularly take up tree planting initiatives on our campus as well as outside. The College organizes regular tree plantations and poster competitions on environmental themes to raise awareness about nature and natural resources. In collaboration with various departments, cells, and committees, the college organises regular plantation drives. Teaching and non-teaching staff members, along with students, actively participate in these tree planting drives.

m) Green Workshops/Conferences/Programs:

For the first time, the nature club unit of B.B. College, Asansol, named "Beagle", celebrated World Ozone Day on the 16th of September, 2021 at Vivekananda Hall. The event commemorated the unit's commitment to spreading awareness about global environmental challenges. The day began with an inaugural speech by Dr. Amitabha Basu, Principal, B.B. College, Asansol. The programme consisted of 3 sections, viz., a student seminar competition, a poster competition on the day's theme, and a short skit.

e-LAN 2021-an International e-Conference on Library and Allied Subjects in Network, was organised by the central library of the college under the aegis of IQAC on November 1st and 2nd , 2021. "Green library" was one of the themes for deliberation at the said conference.

Banwarilal Bhalotia College in Asansol hosted e-ConSus 2021, a two-day international e- conference on "Revisiting Strategies for Sustainable Development," on December 21st and 22nd, 2021.This was the continuation of e-ConSus 2020, a college-hosted event aimed at raising awareness and providing hope in the face of the devastating pandemic, as well as mobilising and integrating other institutions into a collaborative network to achieve common goals and reorient society toward a more sustainable future.e-ConSus 2020 was a huge success, with people from all around the world participating, taking action, and expressing gratitude. The mission continued with renewed vigour and enthusiasm through e-ConSus 2021 to restore and resuscitate the lives of the daily waged common man, poor farmers, and their families, who, despite producing a significant portion of the world's food, are now suffering from hunger and a lack of health care and sanitary systems. Now is the time to embrace global solidarity and rebuild and recover from the pandemic in a way that addresses the two challenges and helps communities build long-term resilience. The second international e-Conference on "Revisiting Strategies for Sustainable Development" received a huge response like the previous year from the stakeholders, cutting across all the enquiring layers of society with 656 registrations.

n) Paper Reuse:

Akin to reuse, recycling is also one of the effective ways to conserve natural resources, save energy, minimise greenhouse gas emissions, and reduce the evergrowing load on landfill spaces. Thus, paper recycling is a regular exercise in the college. Students actively participated in the workshop and made various coloured sheets. A drive was also carried out to collect waste paper and recycle it for various uses in the college. Further, beautiful posters, paintings, greeting cards and visiting cards were also made using recycled sheets for various activities conducted in the college.

o) Infrastructural Additions:

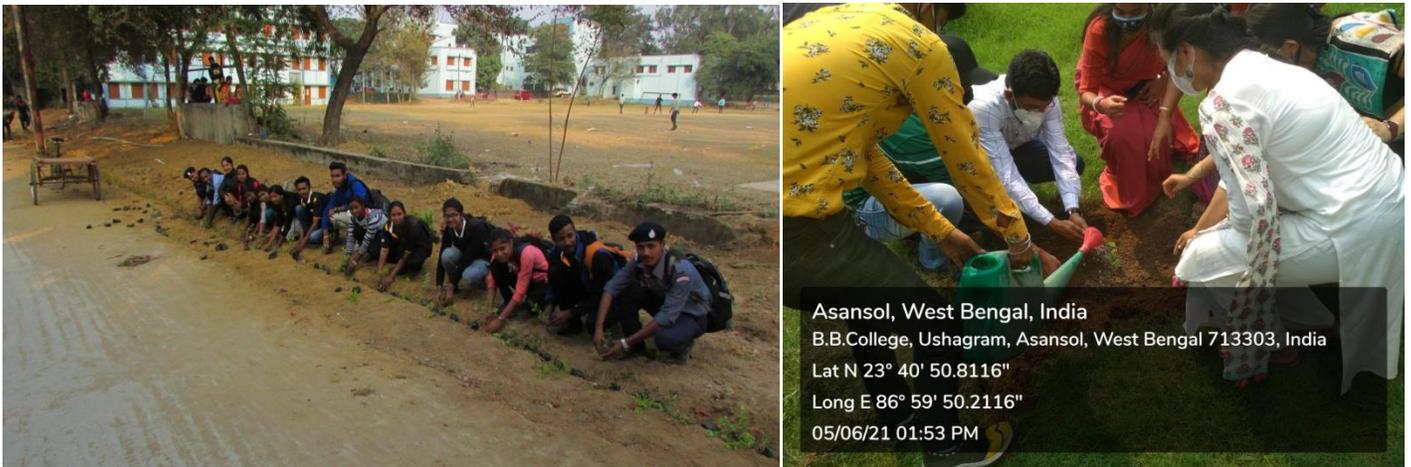
In a constant endeavor to make the college campus increasingly environment-friendly and follow sustainable practices, certain infrastructural additions were carried out and further are being worked upon.

p) Waste Management:

Paper waste management has been initiated by going digital and reducing paper use. The focus has been laid on reusing and recycling the used papers in the library and various other offices in the college. The waste generated by us is managed efficiently through modern e- waste management methods. The college has banned the burning of dry leaves and branches. Compost pits have been prepared on the college premises and are being used for dumping organic waste and green waste for future reuse as manures. The college uses vermi-compost pits to create compost from biodegradable waste. The compost pits rely on natural decomposition, accelerated

by earthworms and bacteria, to break down organic matter into manure. The college has also implemented a mechanism to dispose of solid waste in a scientific manner. Biological and chemical wastes are released only after necessary treatment

Some evidence for the Best Practices I



Rain water harvesting system



Pedestrian-friendly pathways



Ban on the use of plastic



Landscaping with trees and plants



Green Workshops/Conferences/Programs

Best Practices II

1. Title of the Practice: Digitization and Automation of Academic and Administrative Activities:

2. Duration: Year of inception 2020. Yes, this practice still continuing and will continue

3. Objectives of the Practice:

- i) Digital Attendance and Compilation of Internal Assessment: A mechanism has been successfully developed to take daily class attendance using one's mobile phone.
- ii) To collect feedback from stakeholders, an online mechanism was developed. The information is shared with the IQAC members to look into the concerns raised and any possible resolutions.
- iii) Taking class and giving study material to the students in the covid period.

4. The Context:

The Website and Apps Monitoring Committee of the college has recently enhanced our ICT infrastructure by launching an app on the Playstore – BBCollege eConnect – which will be of great help both to our students as well as staff members. Through the app, various data concerning daily academic and administrative activities in college may be accessed conveniently by all concerned stakeholders. a B.B. College application

5. The Practice: Digitization and Automation of Academic and Administrative Activities is now running in our college vigorously and also the process robust the academic and administrative process.

6. Evidence of Success: The following links supports that the college Academic and Administrative Activities randomly done through Digitization and Automation process.

College student zone: <https://bbcollegeonlineadmission.in/student-zone/>

College admission: <https://bbcollegeonlineadmission.in/>

College e-recourse: <http://bbclib.aadijatechnologies.com/question-paper.php>

Covid academic initiative for the student: https://bbcollege.ac.in/covid_initiative.php

College vertual time line: https://bbcollege.ac.in/v_timeline.php

7. Problems Encountered and Resources Required:

- i. Every technical thing has some limitations like network issue price of the device.
- ii. More training required for the upcoming techniques.
- iii. More use of online device harmful for the student and teachers brain and relating to cognition.
- iv. A good work routine is required.