

PRAMATHESH BARUA COLLEGE

Gauripur, Dist: Dhubri, Assam, PIN: 783331

Established: 1964



BEST PRACTICES: 2022-2023

Best Practice-1

Title of the practice: Clean and Green Campus



College Website: <https://www.pbcollege.co.in/>

IQAC E-Mail ID: igacpbc@gmail.com

1. The Context that required the initiative of the practice:

Govt. of India's Swachha Bharat Mission 2014 has turned into 'Jana Andolan' in India in maintaining cleanliness from private household areas to the public places of every corner of the country. P.B. College, Gauripur has institutional responsibility to contribute to the mission. So the college has initiated the programme 'Clean and Green Campus' from 2016 onwards to make the students exemplary in the swachhata mission till date. Hence the college has a systematic plan and management of cleanliness and greenery in the campus. College is to organise awareness programme on this area with the students in frequent interval to turn them habituated in maintaining the cleanliness. Therefore, the college chalks out some programmes for this academic year.

2. Objective of the practice:

- (i) To create awareness among students for environment protection.
- (ii) To make the college campus clean and green by planting and maintaining plants and trees.
- (iii) To make the campus eco-friendly by practicing 'no to single used plastic' and 'say no to tobacco'.

- (iv) To sensitize the students towards responsible living by planting trees and conserving energy for a better future.
- (v) To accept clean production concept.

3. The practice:

The college has organized cleanliness drive by the NCC and NSS volunteers inside and outside the campus of the college for maintenance of cleanliness. The college practices effective solid waste management of organic and combustible wastes. The committee of Clean and Green Campus has a mechanism to dispose the non-combustible waste materials with the help of local Municipality Board. The volunteers of NSS Unit and NCC cadets participate in 'Swachhata Shram Daan' twice in every month for cleanliness drive in the campus. They take care of the plants and trees of the college campus. Students Awareness programme is organized to avoid single used plastic and tobacco in and outside the college campus. The college does not have solar energy system at this time but uses LED lights to save energy and the students are well aware to save energy by switching off the lights and fan while they are not in the classroom. The volunteer students and the teachers of the college organize environmental programme in various occasions like World Environment Day, Gandhi Jayanti for plantation and cleanliness work not only in the college campus but also in the surrounding areas to create awareness among the people for cleanliness and eco-friendly environment. The awareness is created how water, sanitation, and hygiene (WASH) directly impact human health and have far reaching consequences when ignored and the same is practiced in the campus. The students of degree classes (Arts and Commerce) participate in the environmental tour in every academic session. The teacher engaged for Environmental Study takes the responsibility of making the students aware of these practices in regular interval. The college has provision for parking of vehicles and the students are encouraged to park their vehicles in disciplined manner.

4. Obstacles faced, if any, and strategies adopted to overcome:

P.B. College, Gauripur does not have its own non-combustible solid waste treatment and disposal system in the campus and the solid waste are collected and transported by the municipality Board on regular basis. The municipality board of the town also does not have scientifically advanced disposal system of solid waste. The solid waste collected by the municipality from the college and the town are dumped in the dumping ground of the Municipality Board which may create environmental pollution in the neighbouring area of the dumping ground.

The college has adequate numbers of 'Trash Bins' placed in different corners of the campus. The solid organic and incombustible wastes are kept in separate 'Trash Bins'. The waste materials are collected by the Local Municipal Board daily. The committee for Clean and Green Campus of the college monitors regular disposal of waste material.

5. Impact of the practice:

- (i) The students become sensible in practicing the clean and green campus of the college.
- (ii) Cleanliness is maintained as a habit.
- (iii) The college campus is Gutka and tobacco free zone.
- (iv) Students are aware of energy saving.

6. Resources Required:

- (i) Adequate space required in all the three campuses for organic and combustible waste management.
- (ii) Mechanism is to be developed for transforming the organic waste to vermicompost.
- (iii) Incineration is to be prepared in the campus combustible solid waste management.

Best Practice-2

Title of the practice: ICT Enhanced Classes



College Website: <https://www.pbcollege.co.in/>

IQAC E-Mail ID: igacpbc@gmail.com

1. Objectives of the Practice:

- (i) To maintain flexibility and responsiveness to rapid development of techno-based classroom teaching.
- (ii) To know and imbibe new teaching and evaluation methods using technology.
- (ii) To improve the quality of education with the latest ICT-enhanced teaching-learning practices.
- (iii) To prepare students for future workplaces of innovation with the help of technology in the classroom.
- (iv) To harness technology for more effective student-teacher interaction and collaboration among students.

2. The Context:

This digital era has changed the way students communicate, network, access information and learn. The internet has become a reservoir of information, with abundance of learning materials in almost every subject. The easy access to knowledge and the increasing use of information and communication technologies (ICTs) has galvanized the teaching-learning process in India. ICT enhanced learning and evaluation methods not only make learning more effective, but also

prepare the students to compete in the global economy by being part of a skilled workforce. It facilitates social mobility by enhancing learning experiences and providing new sets of skills. In this context, ICT enhanced learning, Wi-Fi enabled classes with projectors and upskilled faculty is the need of the hour.

3. The Practice:

P.B. College campus is Wi-Fi enabled with LCD projection facility in 50% of the classrooms. The college has three smart classrooms to help the faculty for delivering the interactive lectures and demonstrations through Power Point presentations, e-modules, learning videos, tutorials and online quizzes. Separate Computer Laboratories are provided for students of BA & B.Com programmes. Students are registered on official Class WhatsApp groups administered by the faculty members to enable active communication. The students are provided with laptops to enable group learning and participation in activities. The institute has adopted and utilized ICT tools and pedagogies seamlessly over the years and has brought a significant positive impact on the teaching-learning process in a blended mode of teaching learning alongside the traditional method.

A semi-automated library complete with all bar-coded acquisitions using Integrated Library Management Software SOUL (Software for University Libraries) college version provides computerized cataloging, check-in, and check-out of books. E-resources include Inflibnet (N-LIST). Five browsing stations have been made available to enhance student learning in the library reading room with WiFi facilities in the campus. A database of previous question papers and other college publications is available in the institutional repository (IR) in the college. The OPAC system installed in the college library provides easy access to data regarding availability of books. All library acquisitions are bar-coded. Printing of barcodes and spine labels is carried out in house with the barcode printer.

During the Covid-19 pandemic phase, teachers up-skilled themselves and adapted efficiently to online communication platforms like Zoom video conferencing, Google Meet and Microsoft Teams, as well as online evaluation tools. The video recording software like OBS Software is also used by a few teachers with personal Laptops. Technological platforms such as Google Classroom, YouTube and WhatsApp were used to share reading material, feedback and evaluation.

4. Evidence of Success:

1. Effective and extensive use of ICT tools and methods of teaching and learning through enabled classrooms and platforms like Google Suite and WhatsApp.
2. Enhanced library resources, with student integrations and e-access to publications, journals and study materials.
3. Access to online materials and courses that allowed students to broaden their scope of learning.

4. Students those who remain absent in the classes have the option to access the E-material online.

5. Problems Encountered and Resources Required:

1. Internet connectivity at students' homes is often a big constraint.
2. Occasional power-cuts and internet connectivity issues hampered the smooth conduct of online classes.
3. Problems Encountered and Resources Required Students find it difficult in understanding the practical papers like accounting, mathematics.
4. The online mode of teaching restricted two-way interaction and active participation by students, as students frequently kept their cameras and audio devices off, making it difficult to monitor the efficacy of instruction and obtain feedback.
5. All the classrooms need to be provided with LCD Projectors/Audio-visual devices.