



## TWO BEST PRACTICES

- ❖ Green Initiative
- ❖ Use of Computerized Voting System For Conducting Election To Pub Kamrup College Students' Union



Pub Kamrup College  
Baihata Chariali, Kamrup-781381  
Assam



## BEST PRACTICE-01

1. Title of the Practice: **Green Initiatives**

2. Objectives of the Practice:

- To make the College campus eco-friendly by integrating environmental concerns with campus activities.
- To materialise the vision of a clean and green campus.
- To continuously improve contribution of the institution to protect the eco-system and reduce pollution.
- To maximize the use of alternative energy and ensure judicious use of natural resources.
- To minimize use of paper in administrative works
- To achieve the goal of making the campaign of Election to Pub Kamrup College Students' Union paperless.
- To work with all stakeholders and local community for protection of the eco-system.
- To make plantation a regular habit among the young and the old.
- Attempts to make the mother earth green.
- To aware students and the society as a whole to maximise their involvement in green initiatives.
- To follow the objectives and strategies of "Swachh Bharat Abhiyan".
- To educate the students to nurture and work for green environment.

3. The Context:

Green initiatives refer to a cluster of activities, such as energy conservation, use of alternative energy, reduction of pollution, afforestation and all those activities that make the mother earth clean and green. 'Green initiatives' is a need of the hour and for survival of our future generations. The institution considers the students of today as the future citizens of a society. Hence, one of the core values of this institution is to make them responsible citizens so that they are equipped with such ideals which make them environment concerned citizens. Being an institution of Higher Education, Pub Kamrup College has ever been endeavouring to educate the students in such a way so that they become able citizens to aware people about environmental hazards and what people should do to save our eco-system. To achieve the holy objective of "Making the Earth Green", Pub Kamrup College has undertaken several green initiatives to protect the environment. Its policy on environment involves all sections of stakeholders and all the people from the locality right from awareness drives to practically working on the field.

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#### 4. The Practice:

The practice, which the institution has termed as 'Green Initiatives', is being materialized through the adoption of a number of means and measures. Prominent of these means and measures are:

- (a) **Use of Solar Energy:** The College has a Solar Plant of 50 KVA capacity. During the entire year, in case of power cut, the necessary backup is drawn extensively from the solar plant rather than the fuel based electric generator.
- (b) **Use of Led Bulbs and use of power saving mode:** For reducing the consumption of electricity the College uses energy efficient light-emitting diode (LED) bulbs instead of incandescent and CFL bulbs. In order to lower power consumption, a central switch is installed outside each classroom to regulate all the electrical appliances inside the classroom. Students are made aware of the practice of turning off the switch when the electrical appliances are not in use. Further, an employee specifically looks after this practice.
- (c) **Plantation Drives:** The relationship between Pub Kamrup College and nature can be traced in the very inception of the institution when, even before constructing the institution building, tree saplings were planted at all the boundaries of plot of land. Plantation is a part and parcel of Assamese culture – something that can be traced in the folk life of the people of this locality. The tradition saying 'one tree is equal to ten sons' is the unsung voice of the people of this area and a culture that permeates in this institution among the students and staff. This voice has still been echoed in the "Green Diary Project". "Green Diary", a Diary for growth record of a plant, is an endeavour to involve and motivate the youths towards a healthy safe and sustainable environment. It is quite an exceptional and innovative measures of the College through which youths are involved and encouraged for plantation works, environmental activities and sustain biodiversity. The College takes these initiatives since 2011-2012 sessions. The Green Diary is distributed to the students in the date of screening and admission with a ceremonial function where everyone have to take an oath for planting a tree and keeping records of its growth in the diary. Apart from that the college initiates plantation programs within and outside the campus in most of the occasions. Besides, "Green Earth Safe Earth" cell under Geography Department of the college distributes Neem plant to every household within a radius of 1 km of the college which is being successfully implemented for the last two decades. Many plantation drives were also done in the two adopted villages 'Banbari' and Kumnagar.
- (d) **Environment/energy/green audit:** It is a means of assessing how far the college has achieved in its mission of a green campus and green locality. The college had its green audit done in 2021.



- (e) **Paperless administrative activities:** Admission process of the College is totally done in online and hence it is paperless. Besides, the College administration has in recent times has developed the practice of less use of paper in conducting administrative activities.
- (f) **Paperless election campaigning:** The voting procedure of the Election to the Student Council of the college is done using electronic mode. Candidates are not allowed to use paper for its campaign. So the election campaigning is paperless in real sense.
- (g) **Practice of Waste Wealth:** College Press wastes are sold to vendors, waste materials like broken furniture, unusable equipments etc. are repaired. Besides, e-wastes are also given to vendors, unusable metallic items are sold and the money is used for maintaining the campus.
- (h) **Waste Disposal:** There is eco-friendly maintenance of a kitchen garden, proper maintenance and disposal of daily food wastes and installation of incinerators to dispose the sanitary pads within the campus of Girls' Hostel are certain quality initiatives to accomplish the objective of green initiatives.

#### 5. Evidence of Success:

- ❖ The total energy utilization of the college for different purposes is estimated approximately **11500 units/month**. By using Solar Energy and energy saving methods, the college management has cut down its energy utilization to approximately **2000 units/month**. Energy Saving is about **9500 units/month**. Increased production of solar energy, a type of non- conventional category of energy, is a good energy management system for the college.
- ❖ As on 31<sup>st</sup> December, 2021 the college has 166 number of LED bulbs which consume 219.12 KWh which is much lesser than the total KWh that could have been consumed if there had been no installation of LED bulbs.
- ❖ "Green Earth Safe Earth" initiative has fruitfully grown 75 matured Neem plants in the locality. Green Diary awardee of 2015, Mr. Alakesh Sharma initiated a registered NGO, "Seuj Vasundhara" which has been constantly carrying out green initiatives for the last several years.
- ❖ When the College started Green Diary project in 2012-13, the College fraternity distributed nearly 1076 Green Diaries to all the newly enrolled students for the session 2012-2013 out of which 632 submitted the diaries. This number gradually increased. Green Diary could not be collected in 2019-20 and could not be distributed in 2020-21 session. The Department wise Diary turn over percentage for the UG level students' in 2018-19 are:

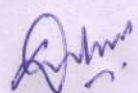


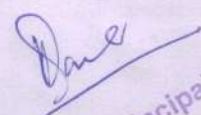
**Table: Department wise Diary turn over percentage for the UG level students**

Total average turnover during 2018-19 Session = 57.45%		
Sl.no	Name of the Department	Turn over Percentage (%)
1	Statistics	100%
2	Zoology	70.02%
3	Assamese	67.4%
4	Economics	63.6%
5	History	56.2%
6	Pol. Science	55.8%
7	Geography	55%
8	English	53.5%
9	Physics	51%
10	Education	49.2%
11	Botany	45.1%
12	Chemistry	30.9%
13	Philosophy	29.5%
14	Mathematics	11.1%

**6. Problems Encountered and Resources Required:**

- (a) Due to constant use of the solar plant for the last decade, there is a decrease in efficiency of the batteries which has resulted in the reduction of output. Though annual maintenance has been carried out under AMC, yet replacement of the batteries costs a huge amount.
- (b) Because of COVID-19 situation the College had to halt many programmes.

  
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## BEST PRACTICE – 02

### 1. Title of the Practice:

Use of Computerised Voting System for conducting Election to Pub Kamrup College Students' Union

### 2. Objective of the Practice:

- To go with technology
- To Voting and Counting of Election Process less time consuming.
- To make election results more credible.
- To minimize use of paper
- To minimize human labour
- To educate students in the use of technology
- To utilize the skills of the students and teachers of the Programmes, such as Software Development and System Administration (SDSA), BCA and Computer Science Department of the college
- To make the election procedure environment friendly
- To keep the college campus clean after election

### 3. The Context:

Since inception, the Pub Kamrup College has a system of electing Students to Student Council namely 'Pub Kamrup College Students' Union'. Student Council Election is not uncommon. But this institution has long before started to accomplish the election process in a novel and credible way through the use of computer software. Usually, the college conducts the Pub Kamrup College Student's Union election every year in the month of September against 14 portfolios after the new academic session begins. The portfolios are namely President, Vice-president, General Secretary, Assistant General Secretary, Magazine secretary, Cultural secretary, Music secretary, Debate and Symposium Secretary, Major Games secretary, Minor Games Secretary, Gymnasium secretary, Girls' common room secretary, Boys' Common room secretary and Social service secretary. The college authority with the help of Election committee smoothly conducts the election of the said council. The college conducts the students' union election as per the rules and regulations prescribed by the Lyngdoh Committee which is mandatory for the college. Besides, the College has the Constitution for the Students' union too defining the policies for carry on the election process. In the changing trends of the Contemporary time, the College envisions to step with the technological world. Accordingly, the Election of the Students' Union from its conventional mode of ballot shifts to the computerized voting procedure. In an aim of making an eco-friendly election system as per its green initiative,

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the College started a paperless election campaigning but also in the mode of voting procedure as well as in counting.

#### **4. The Practice:**

Pub Kamrup College conducts the Students' Union's Election as per the procedure followed in the General Elections of Parliament and State Assemblies in India. Before the introduction of computerised voting system, voting was done through ballot papers. Since, 2015-2016, the College has been using computers in voting instead of ballots. The voting starts at 9.00 AM to 1.00 PM and within these 4 hours all the college students cast their votes. After a gap of 1 hour counting begins and within this span of time results are declared. The software used for the process of the Computerised Voting and Counting is developed by a group of students and teachers from the department of Software Development and System Administration (B. Voc SDSA). Use of such type of software is an innovative way of accomplishing the task of voting. The college has minimised the use of paper not only in terms of ballots, but also in moving towards the practice of paperless campaign. Students perform campaigning by visiting classrooms in the pre-fixed days finalised by the Election Committee. Apart from that the candidates get the opportunity for open stage campaigning on a scheduled day and time by the election authority of the college. Students are also allowed to use digital medium in campaigning.

#### **5. Evidence of Success:**

Election in most of the colleges has turned out to be a very difficult for the college management, provided the contemporary socio-political scenario is concerned. There are so many colleges in Assam which have seen election result related violence. Even in Pub Kamrup College also in the past demands were raised for re-polling after manual counting of ballot papers. But after the procedure of taking votes was changed, i.e, shift from manual voting to electronic voting, not a single demand has come up for re-polling or recounting. The college considers it as the greatest success of computerised voting system.

Before the introduction of computerised voting system ballots had to be printed. At least 3500 ballot papers had to be printed. After the new voting system became operative, these 3500 number of sheets in each election are being saved. Moreover, printing of ballot papers also cost a substantial amount of money from the students' fund. After the new voting system got introduced, not a single penny is being spent in the name of printing ballot papers. The counting procedure also necessitated a number of sheets, which are also being saved. The college considers the introduction of computerised voting system a story of success since it has contributed a lot in the institution's green initiatives.

The paperless and eco-friendly environment during elections saved the money of the candidate's too and contributes to the objective of 'Clean and Green Campus'.



The process of counting takes so much time in the conventional mode of election. But the computerised voting procedure lessens the time of voting and counting. Presently, within an hour the results of Student's Union's Election are finalised and declared.

#### 6. Problems Encountered and Resources Required:

The college has faced no problems in continuing this practice among the students so far. Since this is a matter of policy implementation, no resources are required in continuing such practices. Also, the accuracy is 100%.

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