

**Title of the Practice:**

**Best Practice I**

A comprehensive student management system handling all aspects of student data.

**Objective:**

A web based ERP application to manage all aspects of student, Staff and Management. It is hosted in cloud server thus allowing to access information at any point of time using any internet enabled devices. The cloud application allows linking any payment gateway or bank to manage any kind of financial transaction from the student end for their respective fees payment. The cloud application can be integrated with the SMS and E-mail server for sending various kinds of SMS and E-mail alerts.

**Context:**

- (i) The new CBCS system requires handling of a huge amount of data related to student attendance, internal exam marks etc. Hence a new comprehensive management system which can handle data in a specified format and can be accessed by all departments of the college was necessary.
- (ii) With the increase in online systems like admission, results , scholarships etc. , student require a website which can be accessed from any internet enabled device at any time, and provide all facilities under one umbrella.
- (iii) All financial transactions, like fees payment, scholarship transactions etc. needs to be maintained online for the benefit of the students.

**Practice and implementation:**

The program has been introduced from July 2018 and has been running successfully over the last year.

**Highlights of the student management system:**

- Data can be accessed from anywhere.
- No big IT infrastructure needed.
- Highly secured data with daily auto back up facility.
- Online & Offline Payment Facilities.
- SMS and E-mail alert at every possible juncture for security and mass information.

**Features of the system:**

- Maintenance of Student admission data
- Student ID creation
- Student details (Personal Profile and 10+2 Academic Records)
- Student Photo & Signature
- Student Document Storage
- Internal examination marks
- University examination marks
- Student Attendance
- Cancellation of admission
- Course change
- Student Library card generation
- Student provisional promotion
- Fees Payment Scheduling
- Student Fees Management
- Scholarship and concession Handling
- Online / Offline Payment Facility
- Certificate handling (Character, Transfer, College Leaving, Concessions, Attendance, Admission Cancellation etc.)
- Upload document like mark-sheets , certificates etc. for storage
- Student feed back

## **Best Practice 2**

### **Title of the Practice:**

**NSS extension activities through a 7-day NSS camp covering the following areas:**

1. Climate awareness
2. Awareness for prevention of vector borne disease
3. Job opportunities
4. Drug addiction
5. Empowerment of students for self defence
6. Banking literacy
7. AIDS prevention and sexual education
8. Recycling waste for ornamental purposes

### **Objectives:**

To equip students of diverse backgrounds to face the environmental and social challenges of present times

### **Context:**

- Barasat Government College is located in the district headquarters of North 24 Parganas. Many students come from the rural or semi-urban areas. There is a high rate of enrolment of students of under privileged sections of society, mostly from the SC, ST, OBC and Minority community.
- The students, being mainly first generation learners, are generally unaware of the job prospects that are open to them. Their family members usually work in agricultural sector or are engaged in manual labour. So the students have no idea about the alternative avenues that are lying unexplored.
- Since the students come from the economically weaker section of the society, they have no exposure to the banking system.
- Due to the rapid urbanization in the country, there are accompanying environmental hazards. The students have to be made environmentally sensitive. They also need to be acquainted with the threat posed by the vectors.
- For their overall development the students need to be aware of the menace of drug addiction and the rapid spread of AIDS. Besides they should also know the skills of self-defence to protect themselves.

### **Practice and Implementation:**

- On 24.04.2019 Dr. Prantosh K. Paul, Executive Director, MSCIS Department of Computer and Information Science, Raiganj University briefed the students on Information Technology and its fields. He also spoke about some relevant schemes.
- Dr. Pranam Dhar, Programme Coordinator, NSS, West Bengal State University delivered a talk on 29.04.2019 on banking literacy.
- On 24.04.2019 Dr. Chandan Surabhi Das, Assistant Professor, Department of Geography discussed global warming and its adverse effects.
- Dr. Jayati Ghosh, Associate Professor, Department of Zoology delivered a lecture on vector borne diseases on 25.04.2019. Students distributed leaflets in the neighbourhood to spread awareness of these diseases. They also cleaned the college campus and spread bleaching powder to keep the area free of vectors.

- On 26.04.2019 Mr. Subrata Biswas, Special Excise Commissioner, delivered a lecture on drug addiction. He talked about the hazards posed by different types of drugs.
- Ms. Piyali Das, Project Director, West Bengal State AIDS Prevention and Control Society, talked on 29.04.2019 about the myths and facts of HIV.
- On 27.04.2019 Mr. Subir Biswas, Kabosi & Karate trainer, delivered a lecture on self defence. He demonstrated different moves and tricks.
- A competition of poster presentation on various social issues was organized on 26.04.2019.
- A competition was organized on 30.04.2019 where students showcased useful and ornamental articles made by recycling waste.