

KATWA COLLEGE

Best Practice -1

1. Title of the practice:

Advanced students taking classes of junior semesters under guidance of departmental teachers

2. Objective of the practice:

To motivate students to prepare a topic well enough to take a class on it and also building up their confidence, ability to express themselves on a subject matter and handle a class situation. It is also meant to encourage junior students to prepare themselves well so that they can also take such classes in future semesters.

3. The context:

In the IQAC meeting held on 11.12.2020 and ratified in the meeting of all HoDs along with IQAC held on 12.04.2022 it was decided to introduce the practice of encouraging select senior semester students to take classes of junior semester students once in a while in order make them practice preparing and teaching a certain topic under the guidance and watchful eyes of the departmental teachers.

The challenge was in getting the practice started on a regular and sustainable basis and also in motivating the students in participating enthusiastically in the experiment. Being a semi-urban college where a large proportion of the students come from a rural background it is often difficult to get the students to express themselves and speak confidently on a topic without encumbrances. Even advanced and meritorious students are often diffident in verbal expression. It is a challenge for the teachers to overcome this problem and encourage the students to participate enthusiastically.

4. The practice:

In the first three months five departments have already implemented this practice as a pilot project. The Departments of Chemistry, English, Bengali, Sanskrit and Geography have held classes by senior students and a total of 7 classes have been taken by 230 students. The Departments maintain a record of the classes taken by a student along with the topic discussed. In the coming semester it will be implemented in all departments and the experience of the

students and teachers in this regard will be collated and documented.

The uniqueness of this practice lies in the fact that it is not part of the regular mandatory academic practices and is something out of the regular routine and also contains an element of innovation and newness for the students. It has the potential of introducing a new element in the teaching-learning process.

5. Evidence of success:

The practice has been started experimentally in five departments and has met with success so far. The students selected for taking the first classes have successfully taken the classes on the topics decided jointly by the teachers and the students concerned, and the students taught have also participated wholeheartedly in the classes. The teachers have taken the initiative to identify advanced students who can profitably take such classes and guided them to prepare themselves well for the classes. Thus the departmental teachers have taken it as a challenge to overcome apathy and diffidence on the part of the students and motivate them for the same.

We hope that this practice will result in developing better understanding of the topic by the students taking the classes and also develop his or her confidence, poise and ability to explain a topic and handle a class. It will also motivate the students of the junior semester and serve as a role model for them to advance in their studies.

6. Problems encountered and resources required:

The main problem in implementation of this practice is the apathy and diffidence on the part of even the advanced who are not used to this practice and who are not used to speaking in public. The implementation of this practice does not require any extra resources but motivation on the part of the departmental teachers as well as students to make the experiment a success.

Best Practice -2

1. Title of the Practice: Medical Unit

1. Objectives of the Practice:

The objective of the practice is to set up a medical unit on campus which can treat both the stakeholders of Katwa College as well as the neighbouring residents in case of any first aid requirement or emergency oxygen requirement. It was set up in the context of the Covid-19 epidemic when the country was in the situation of lockdown and shortage of required oxygen was reported from many places. So that the students, teachers and staff of Katwa College as well as the neighbourhood residents do not suffer from an oxygen shortage it was decided that the College would set up a medical unit with contribution from the College fund as well as all employees of the College both teaching and non-teaching.

2. The Context:

The context was the widespread oxygen requirement and reporting of shortages in various places during the second wave of Covid-19. The employees of the College including teaching and non-teaching came together in an online meeting at the initiative of the College Principal to discuss the situation and what initiatives the College and its employees could take in this situation to benefit the community as a whole. It was decided that the employees would contribute along with the College in setting up a medical unit which would deal with a basic medical emergency and also keep oxygen cylinders for emergency requirement.

3. The Practice:

In accordance with this decision as ratified by the College Governing Body on 10.08.2021 a Medical Unit named Arogya was inaugurated on 29.03.2022 by the SDO, Katwa and President, Katwa College Governing Body.

with the following equipments used for the purposes described:

1. Height cum weight measuring scale: Measuring Height and Weight.

2. Weighting scale: measuring body Weight.
3. Pulse oxymetre: Evaluation of Oxygen saturation and pulse best.
4. Stethoscope: measuring heart beat and respiration rate
5. Sphygmomanometer: Measuring blood pressure
6. Digital thermometer: Measuring body temperature
7. Resuscitator: Device for artificial breathing
8. Instrument set for dressing : Wound
9. Instrument set for sutures: stitching cut and Wound
10. Instrument set for removing sutures: cutting the stitching after healing
11. Stitch removing scissor: stitching purpose
12. Straight scissor: stitching purpose
13. Suction machine: Removing of cough and mucus from respiratory organs.
14. Waste bin with cover
15. Dressing forcep: Dressing instrument
16. Stainless tray: Tray for keeping instrument.
17. Gallipods: Enameled tray for keeping instrument
18. Infusion stand: Stand for saline Infusion
19. Portable sanitizing machine: Sanitizer for instrument
20. Oxygen cylinder – 2 nos.
21. ECG machine

The College has also allotted a separate room where outside patients can also come and avail of the treatment. The Katwa Municipality has also agreed to provide some basic medications on free basis which can be given to the patients. Also two experienced female personnel have been employed by the College on casual basis to administer first aid and use the equipment for any patients and medical unit Arogya is open on all working days from 10 AM to 4 PM.

4. Evidence of Success:

The medical personnel have been on call for any medical emergency faced by any student, teacher or staff of the college and have successfully administered first aid in case of any emergency, monitored blood pressure, pulse and oxygen saturation levels etc. During this period

176 students have got their first aid treatment.

5. Problems encountered and resources required:

The main problem in implementing such an ambitious project at the level of a College lay in the financial outlay involved in procuring expensive equipment as well as oxygen cylinders and in employing the required staff. It would also be beneficial in future if any physician or trained nurse could be present at the medical unit at a particular time every week. The financial constraint was met by a contribution of Rupees One Lakh from the College fund and Rupees One Lakh Ninety Eight Thousand was contributed by the College employees from their salaries. The College plans to expand the facilities offered and the instruments available as well as make available the services of trained medical personnel in future.