

BEST PRACTICE 1

Cashless Transaction Awareness and Promotion

The Context:

The chairman of the trust and the then MD, GNFC Shri Rajiv Kumar Gupta(IAS) had a vision of extensively creating awareness about the Digital India revolution launched by the Government of India. The college through various programs participated in this project.

Objectives:

In the Digital India revolution one of the main aspects is to have cashless transactions and avoid any kind of cash transactions. During the previous year the college achieved a status of Cashless Campus. Now it is intended to spread the awareness using the students' force in and around the district.

Practice:

To educate the master trainers for use of online transactions with a special focus on BHIM app and UPI mode, various training sessions were organized as follows:

1. A workshop at GNFC training center on cashless payment on 20th August, 2017 where the staff members were trained as master trainers. Live demonstration of UPI transaction was conducted and staff members were asked to make payment of Rs.1 to each other.
2. The master trainers (College staff) in turn trained the students for cashless transaction through BHIM app. Then the students were asked to select villages where they stayed or some other nearby village where they would be going and demonstrating various shopkeepers, farmers, etc. to carry out cashless transactions. Students were required to accomplish this task in their free time during evenings and early mornings so that they could meet shopkeepers and farmers.

Obstacles faced:

The students faced various challenges at the time of implementation like

1. Non-availability of beneficiaries at the pre-decided time.
2. Lack of infrastructure in terms of network availability and device availability.
3. Limitation of beneficiary with regards to language on the device.
4. Since the transactions involved money there was hesitance to adopt the technology.

Most of the above challenges were preempted and the students were trained to communicate with politeness and explained the ease and benefit of the new technology. However it was very difficult to convince the beneficiaries that their money would not be lost.

Impact of the practice:

The students who participated are benefited in multiple ways as a result of this project

1. Learned how to present their ideas before the unknown retailers and farmers
2. Learned to comprehend the questions asked and provide solutions

3. Leaned to communicate in the local dialect
4. Leaned to launch a new technology and motivate people to use it.

Use of new technology requires smart phones and internet connectivity, however the students could manage one device within the group.

About the Institution

- i. Name of the Institution : Narmada College of Science and Commerce
- ii. Year of Accreditation : 2016
- iii. Address : Shuklatirth Road, Zadeshwar, Bharuch
- iv. Grade awarded by NAAC : A
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BEST PRACTICE 2

Use of ICT in Teaching Learning and Evaluation

The Context:

With the availability of Low-cost high-speed internet and Mobiles the use of Information Communication Technologies has increased a lot. Students now own their personal mobiles and use it for learning, keeping notes, filling various google forms for data collection, giving online quiz etc...

Objectives:

Increase the use of ICT for in the campus at various levels. The vision is that the communication with all the stake holders of the institute should be by online mode.

Practice:

The staff members of the college started finding different tools useful for teaching learning and evaluations and started using them. Social media platforms are used by teachers to communicate e-resources to the students. The class rooms of the college are equipped by computers and LCD projectors so that the faculty members can use power point presentations, online e-resource etc. the power point presentations are shared with the students for their learning purpose. Many teachers started using Google Classroom and other such platforms for planning and executing the curriculum delivery. The Google forms were used extensively by the faculty members to collect student information regarding participation in programs etc. Google forms were also used to take quiz exams at the end of each unit for continuous evaluation. Some of the staff members have hosted short tutorial videos on their YouTube channel. The Electronics Department as a part of

curriculum have a generic elective course where students use the Computer Simulation for various experiments. The physics department also demonstrates experiments through simulation. Some of the departments had a practice of online submission of assignments and the reports of summer and winter training through G-Mail.

Challenges:

A lot of challenges and hitches were experienced during the implementation of the ICT based teaching and learning. The most common and apparent thing was the reluctance of acceptance of the new format of teaching and learning. Some of the faculty have still been a slow learner in this field. Continuous counselling and training on one-to-one basis was required to implement the technology. Many teachers showed a keen interest in learning these technologies and as a result could start using ICT faster. The second challenge was the technology itself in terms of device quality, internet speed etc.

Impact of the Practice:

It is very much necessary to keep pace with the changing trends in the technologies and upgrading our knowledge to use the technology. As a result of use of the new teaching and learning technology communications between the students and teachers have improved. The technology promotes amongst the students the deep sense of bonding with their teachers where they can communicate online with their subject mentors any time.

Resources Required:

A good quality of IT infrastructure is required for the implementation of the new technology. Fast internet connection with a good amount data limit is the primary requirement of this technology. The Government of India has started the National Mission on Technology Enhanced Learning (NMEICT) and under this scheme the Government has provided the institute 10 connections of Internet to be used for the benefit of the students. The college management has used a budget of Rs 3.25 Lac for purchase of new computers.

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