

Title of the Practice: ICT Enhanced Learning and Management

Objectives:

- Raise awareness and enhance teaching-learning experiences.
- To impart training of ICT to faculty, non-teaching staffs and students.
- To enhance effective data collection and surveys.
- Promotion of paper free campus.

The Context

The importance of ICT has become more pronounced in the recent pandemic scenario. This comes as a bolstering opportunity to transform India to a digitally empowered society. The impact of ICT is accentuated by institutions, academicians, teachers and other professionals levitating towards digitally inclined platforms and avenues. An ICT ecosystem encompasses the policies, strategies, processes, information, technologies, applications and stakeholders that work together to build a technology-enabled environment that supports the existence and growth of a knowledge-based society. The prevailing milieu accelerates the integration of educational institution and ICT.

The practice

- Extensive use of college website
- Use of google form for collection of information by IQAC, Office, teachers and Student Union Body
- Use of virtual meeting platform like Cisco Webex, Google Classroom etc. for classes and meetings
- Introduction of Online Certificate Course (by Dept. of Computer Science)
- E-payment for transparency and hassle-free process.
- Use of QR code for easy access to information, wall magazine etc.
- College app for routine

Evidence of success:

The QR is the easiest mean to connect to the relevant interface. The code can be decoded at high speed with a scanner for easy access. The college took the initiative for digitalization of departmental wall magazines. To scan for institutionally generated Google forms during the time of admission and examination form fill up. The code has been helpful in streamlining the participants participating in various activities like in sports during the event of college week. The college also took initiative in providing training programs for the non-teaching staffs to make them familiar with the use of QR codes and ICT. It has also been very useful in connecting with the alumni's who have been scattered in the nooks and corners of the globe for their registration.

Problems Encountered and Resources Required

1. Many students do not have smart phone devices

2. Office Staff were not familiar with latest interfaces

Resources required:

1. Used smart phones.
2. Used high end computers.

Notes:**Title of the Practice: Competence enhancing programme (Compulsory Certificate Courses) –****Objectives**

To understand the relationship between Competency-based Education and Learning Outcomes,

- Each department of the college provide three certificate courses which enables the students to be self-reliant and independent.
- The certificate courses provided by each department enables the students to think out of the box and bring in innovative ideas.
- The courses are mentored by the teachers who excelled in that particular field.
- demonstration of the knowledge, skills, values and attitudes required for dealing with real life situations.
- Critical & Creative thinking, Problem Solving, Collaboration and Communication are encouraged amongst the students

The context:

In the 21st century, skills connected to Critical & Creative thinking, Problem Solving, Collaboration and Communication are fundamentals to successful living. As it stands, Competency is a set of skills, abilities, knowledge that aids an individual perform a given task in real life. Every learning should go into the imbibing of skills that will help the individual perform tasks or take actions to lead a productive and joyful life.

Several competencies are required to succeed, and all these competencies or skill sets should also be acquired in the process of learning, only then education would be considered effective and fruitful. Competency-based learning or Competency based programme is an outcome-based approach to education to ensure proficiency in learning by students through demonstration of the knowledge, skills, values and attitudes required for dealing with real life situations at the age and grade appropriate level.

The practice**Outcome**

- The certificate courses provided by the college are practical and have professional approach.

- The syllabi are all predefined, real life based, application-oriented competencies.
- The courses ensure realization of competencies through practical and measurable learning outcomes.
- Holistic design of syllabi to go beyond mere accumulation of knowledge from textbooks.
- Competency based education focuses on minimum required core content.
- Regular evaluation of students to assess competencies after a certain time interval in which a specific part of the curriculum has been covered.

Assessment

- Criterion based assessments that measure the attainment of Learning Outcomes are essential feature of Competence enhancing programmes.
- It involves Objective as well as Performance Assessments.
- Objective Assessment have predetermined, correct responses items viz. MCQs, oral responses to questions, and short-answer written responses based on what students know.
- In performance assessments, impetus has been laid on learners efficient application of their knowledge involving assessments of critical thinking, synthesis and affective skills.
- Reporting of Assessment result is done on the basis of rubrics and students must be able to demonstrate required level of competency in order to progress to higher grades.

Evidence of success:

1. Total 1336 students opted certificate courses
2. Students demonstrated their acquired skills in those areas and can now use those skills for livelihood.

Problems Encountered and Resources Required

1. Scarcity of class rooms
2. Reluctance of students to spare extra time for the courses

Resources Required Notes:

1. Faculty members were asked to learn new knowledge
2. Financial expenditure had to made by college.