

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 2

Integration of ICT in Education and in Administration

Objectives of the practice

To adopt new technologies to integrate ICT in the teaching and learning process, to prepare students with the knowledge and skills they need in their subject matter.

To explore the student's brain by practical use of technology, improving their skills and confidence and to encourage higher-level thinking and creativity through ICT, educate them for effective use of digital technology.

To enhance the teaching, learning, and evaluation processes by use of technology.

To protect the environment by minimum use of papers into administration works.

The Context

ICT integration is understood as the usage of technology seamlessly for educational processes like transacting curricular content and students working on technology to do authentic tasks. Nowadays ICT facilitate not only the delivery of lessons but also the learning process itself. ICT enables the use of innovative educational resources and the renewal of learning methods, establishing a more active collaboration of students and the simultaneous acquisition of technological knowledge.

The Practice

The institution provides digital learning resources to implement effective teaching and learning techniques and to support extensive use of ICT enabled tools. The institution has 3 ICT enabled classrooms with 2 smart boards to promote digitalization in

Curriculum delivery. 149 computer terminals, 100 Mbps bandwidth of rail wires Internet connection and 24/7 Wi-Fi facility are available for effective usage of ICT. The institution has Language Lab and E-Library for communication training. Apart from this, applications like Go To Meet, WebEx, Zoom Meet etc are also used for sharing of knowledge.

Google Classroom, telegram, whatsapp and YouTube channels of our teachers are used to create a virtual learning environment and distribute class work, sharing study material, uploading sample question papers and share announcements.

The institution has fully automated ILMS software in the library and has remote access facility, The institution has subscribed E-Journal Portal.

The institution implemented the digitalization in the administration which includes updating the students' admission details, fee details.

Evidence of Success

The increased use of mobile application of the learning platform is a clear evidence for the success of digital learning tool provided by the institution. The interest level among the students for peer learning and digital learning has been gradually increasing. The teaching faculty is also motivated to use more of this learning resource in delivering the knowledge content to the students. The digital learning platform provides motivation to learn and enhance the skill sets of the students by registering themselves for online MOOC and SWAYAM- NPTEL courses. The ERP modules

such as Admission Information Module, Application Module, TC, Course Completion Certification Module, Library Module and Fee Collection Module helps in better administration. The institution utilized the ICT platform in an effective manner during the COVID-19 crisis to conduct various online events that results 100% utilization of ICT. The examinations and evaluation are carried through online mode. The institution has hosted a number of competitions online.

Problems Encountered and Resources Required

Teachers had the lack of time to plan technology lessons, explore the different Internet sites, or look at various aspects of educational software.

Sometimes Technical issue confronted during usage of ICT.

Shortage of gadgets as students is from economically downtrodden background

Digital Literacy - Requirement of technical proficiency

Although digital learning is enriching, students do not find a virtual classroom as engaging as a traditional one.

There are some contemporary issues in ICT such as cyber bullying, copyright infringement, green technology, and internet addiction.

Always a challenge to promote ICT through responsible thinking, mutual understanding, and alertness of each and everyone especially in the internet.

Students spend hours using smart phones, and other technologies like laptop, tablets and television