

# Best Practices

Students realize their full potentialities by nurturing their innate genius in a congenial atmosphere. They are equipped to face academic challenges, face interviews with confidence and tackle conflicting situations in peaceful ways. They are actively involved in societal activities. Life knowledge, Intra and Interpersonal skills promote fulfilling lifestyle.

## **Resources required:**

Mentoring is given to students at all levels right from their entry to the college. The mentors are given training to be effective counselors. There is an active counselling centre to address life's challenges in a positive way, helping the students to clarify issues, explore options, develop strategies and increase self-awareness. Students who need special guidance are directed to the psychotherapists from 'Centre for Light', the Counselling Cell of Holy Cross College.

## **1. Title of the practice: Digitization for Global Competence**

## **2. The context that required the initiation of the practice:**

As technology has become an integral part of everyone's life, the Indian education prioritizes Information and Communications Technology (ICT). Teaching is moving beyond chalk and board. Hence it is necessary to evolve newer teaching techniques in the era of digitization. Our campus is vibrant with student centric methods in teaching-learning, innovative assessment methods and moving towards inclusive automation ensuring ICT as the key tool for effective education transaction.

## **3. Objectives of the practice:**

- To inform students about the institution and the courses through digital medium.
- To make the teaching-learning process tangible for students to be competent in the global scenario.
- To ensure interactive and participative learning.
- To create digital repository of books and study materials so that students are pruned in a digital learning environment.

## **4. The Practice:**

The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes. The campus has LAN network system and Wi-Fi connectivity with 60 mbps data speed. Forty-three computer assisted classrooms including 16 smart classrooms and three halls cater to the ICT enabled teaching-learning. The college has five computer labs with three hundred and one computers, fourteen laptops, sixty printers and seven scanners. The language lab is well stacked with 30 computers, appropriate software and lesson material to develop language skills. The seminar halls are digitally equipped for the conduct of academic and other related events. Media centre is used for lecture capturing and e-content development. The student computer ratio is 10:1.

The central library is automated with ILMS catalogued with the OPAC for easy access to book circulation. It is networked with INFLIBNET, e-ShodhSindhu, e-Shodhganga for e-resources, e-books and e-journals. The software used for Integrated Library Management System is fully automated Smart Library Automation (Custom made), Version: 3.0. Visual Basic (VB) software is the front end and Structured Query Language (SQL) is the back end for storing library database. The details of newly purchased books, book issue and receipt, theses and dissertations and students visiting the library are entered in the database. The books can be searched with book title, subject, publisher, author name, accession number, year and term search through OPAC tab and terms search tab like Boolean Search. The required reports can be generated using the software accession number, title, academic year, publisher, account name and subject name using the software. Examination section is automated with a separate server through the implementation of Examination Management System (EMS). Students can apply for the courses, download the hall tickets and view results online. To speed up the publication of results, the result processing is fully automated. The end semester examination results are published within 17 days from the last date of examination. Additional security features such as QR code and bar code have been incorporated in the mark statement. Online verification is possible in the website [www.holycrossngl.directverify.in](http://www.holycrossngl.directverify.in). Online assignments are given to students using web based software and MOODLE quiz software. Data analysis software like Myclassroom is used for outcome analysis of the Continuous Internal Assessments. The CIA marks are sent to parents through SMS. The intranet, internet Wi-Fi facility, intercom and public address system ensure better communication and paperless function.

#### **5. Obstacles faced if any and strategies adopted to overcome them:**

With the increased use of mobile phones, educational institutions can easily approach students to make them aware of the courses but not all students have access to android gadgets and internet. Hence, in-campus Wi-Fi facility is offered to the students. Sanctioning the usage of technology for learning gives chance for the students to be more machine-oriented than people-oriented and so few people-oriented activities like skit, mime, street plays are carried out as part of learning and assignments.

#### **6. Impact of the practice:**

Innovative modern pedagogical practices E-resources, SMART classrooms, internet accessibility, online quiz and online assignments contribute to a quality learning environment using MOOC, LMS and MOODLE, the e-learning tools for content delivery, facilitate learning at the students' pace at the feasible time from a convenient place. Digital medium provides scope for students to create their own materials which give them a sense of ownership. A move towards paperless office through online admission and administration systems is initiated.

#### **7. Resources required:**

The college has the following innovative modern pedagogical practices to make the teaching-learning enterprise more productive and meaningful:

- Learning Management System - MOODLE for content delivery
- Media centre with lecture capturing facility and produce Short Learning Objects
- Wi-Fi facilitated campus to access and update current online resources

- Multimedia courseware development
- Recorded lectures and content sharing
- Classroom in a cloud using Google apps like Google Classroom, Edmodo, Kahoot, Blogs, Schoology, Quizizz, Remind for education, online assignments and tests
- Webinars to interact with international experts
- Use of infolibnet, academic websites, Urkund, e-publications and wiki educators
- Mobile learning as a form of e-learning for students
- Faculty and students pursue SWYAM, NPTEL, ARPIT and MOOC Courses
- Employing the flipped classroom and blended learning
- Language Lab, Virtual lab and smart boards to enhance teaching-learning process
- Online/ cloud based academic management systems
- Online digital repositories for lectures, course materials, and digital library
- You Tube presentations, e-learning resources, e - tutorials, spoken tutorials
- Prezi, PowerPoint presentations, Video lectures, Radio talks and Text related films.