7.2 **Best Practices**

7.2.1 Title of the Practice: <u>ICT enabled Teaching Learning Process</u>

Objectives of the Practice

- To use ICT for effective curriculum delivery
- To create student centric learning environment
- To optimize learning outcome
- To motivate teachers and students to be digitally literate and use it for learning, communication, and leisure

The Context

Twenty-first century educational environment is experiencing a remarkable shift from traditional teaching-learning process to digitalized one. Though not fully, a partially technology based teaching-learning process has changed not only the delivery of information but its sharing and storing as well. Use of ICT based teaching makes the classroom learning more interesting and effective that ultimately results in engaging students in the learning process. Today's young minds are techno savvy, hence by using audio visual medium alongside traditional chalk and board method, we believe that we can facilitate better learning opportunities to the students and teachers. The college was using ICT based teaching-learning process much before pandemic; now it is used extensively.

The Practice

The college has always taken efforts in providing the best possible infrastructure for effective teaching-learning environment through efficient use of ICT. Over the years the infrastructure of the college has been upgraded considering the developments and rising demands in the education sector. The college has installed a wall mounted LCD, computer, smart board in 12 classrooms. (http://www.mahilamahavidyalaya.com/ict.htm) Sixteen classrooms have 32 mbps wi-fi access. The faculty effectively uses the technology for their everyday teaching. Internet connection and wi-fi facility is available 24/7 in the college campus. The connectivity enables the teachers and students to utilize online resources for their project work, research papers, writing articles, preparing for various competitions, creative assignments, etc. The well-equipped and ICT enabled seminar hall is used for academic and non-academic programmes.

The Central Library is Wi-Fi enabled and has adequate digital learning resource

facilities such as availability of academic CDs and DVDs, a subscription to INFLIBNET (N-LIST) and an access to computers for both teachers and students. It also provides access to the internet data base of research contents for academic purposes. The Central Library is an Off – Campus Shivaji University, Kolhapur Knowledge Resource Centre that provides e-Resources Service 24/7.

Wi Fi enabled, fully functional and well equipped two Computer Labs having 20 and 45 computers respectively are set up in the campus. One lab is an NTA centre. Both, the teachers and students can avail of this facility. The library and labs encourage independent learning.

All departments, Gymkhana, NSS unit and the IQAC are provided with either laptops or desktops. Some departments – NSS, IQAC, Centre for Skill Development have printers.

The Laboratories of Home Science (Food & Nutrition, and textile) ,Geography UG and PG, M.Phil and Ph.D. research centre, and Psychology are provided with laptop/desktop, printer, and LCD.

Whatsapp is used by teachers to share PPTs, Video clips, PDFs of books or any learning material, classroom tests, quizzes in Google form. Some of the teachers have posted their lectures on YouTube. For webinars and online lectures teachers either use Google Meet or Zoom platform. In 2022-23, the college is planning to use LMS for smooth functioning of its business.

Evidence of Success

- The digital content is available to students 24/7
- The MCQ Tests are made available on the website.
  (http://www.mahilamahavidyalaya.com/eexam.htm)
- The attendance in class has increased.
- Some faculty give MOOCs course as a project assignment to the third year students
- Students refer to e-pathshala for additional study material
- The students prepare their PPTs for seminars or presentations.
- ICT facilities are easily accessible to resource persons
- The language departments screen the films based on the novels/ plays.
- The students can refer the study material stored in computers at their convenience.

Problems Encountered and Resources Required

- Adapting to the new technology is a challenging task for some faculty.