

## **Best Practice II**

### **Title**

### **Maximum utilization of ICT infrastructure for Teaching-Learning, Research and Administrative Purpose**

#### **Objectives of the Practice**

In order to achieve following objectives, the institution has made maximum utilization of ICT infrastructure in the field of teaching-learning and research:

- To promote the use of information communication technology along with traditional teaching aids in teaching-learning process so that the students will have easy access to learning resources.
- To promote research culture and research ethics among the students by providing them access to e-resources through NDL, e-pathshala and INFLIBNET sources.
- The overarching aim of this practice is to expose students to lectures, study materials and question banks through the college website. It is also aimed to foster self learning attitude among the students.
- To increase the promptness and transparency in administration through the office automation software

#### **Context:**

The student centric learning has become the watchword in today's educational system and it is the need of time that every higher educational institution should adopt multi-media tools along with the traditional teaching aids in the classroom for creating better learning atmosphere. Besides, Shivaji University Kolhapur has made group projects compulsory for internal evaluation of the last year's students and hence it becomes obligatory to promote research culture among the students. One more thing is that about 13 faculty members have been pursuing their Ph.D. degree and hence they have required lot of resources for their research study. Considering these situations, the college has tried to meet the teaching-learning and research requirement through the maximum utilization of ICT infrastructure.

#### **The Practice:**

The institution has created a corner titled E-Classroom on its website wherein all faculty members were uploaded their teaching modules to provide off classroom access to the learning materials. The teaching modules include e-text, PPTs, self-video lectures, images/charts, assignments and question papers. For promoting research culture and providing resources, the institution has registered the faculty members to NDL program and has subscribed to N-LIST facilities. Besides, the ICT infrastructure including computer, internet connectivity, printer, OHP and Screen are provided to all departments for teaching-learning process. All departments are overloaded with internet databases and audio-visual learning material that are used periodically for the better learning atmosphere. Apart from this ICT infrastructure, the institution has purchased language lab and office automation software for enhancing quality in academic as well as administrative works.

**Evidence of Success:**

- Teachers have made their own teaching modules (PPT, e-text, Video lectures, etc)
- The purchasing of language lab and office automation software are another evidence of the success and the user register of language lab and the complete data entry in the office automation software can work as the proofs of this practice.
- The registration for NDL program and the subscription of N-LIST facility can be measured as evidences of success.
- Students' field projects, minor and major research projects of the faculty members and the registration for Ph.D. are the concrete evidences of the success of this practice.

**Problems Encountered and Resources Required:**

The cost of purchasing ICT equipments, the regular maintenance charges, and the unavailability of the support staffs are the problems faced by the institution while implementing this practice. The ICT equipments need to be upgraded regularly and the slow speed rate of internet are other problems that are encountered by our institution.

## 2. Institutional Study Centres

**Objectives of the Practice:** In order to develop research sense among the students, the institution has been four study centres through which students can learn and develop their ideas.

**Context:** It is noted that the students from the rural area are lacking the knowledge of research and to develop their research attitude, the institution has established Chatrapati Shivaji Maharaj Study Centre, Dr. B.R. Ambedkar Study Centre, Mahatma Gandhi Study Centre and Hon. Shri. Annasaheb Dange Social Science Study Centre.

**The Practice:**

Students are enrolled to according to their choice to the study centre immediately after their admission in the college. A time table of lectures and guest lectures are provided to them. They are asked to write a research paper and also group project on the thoughts of great personality.

**Evidence of Success:** Students research papers and group projects are the evidences.

### **Performance of the institution in one area distinctive to its vision, priority and thrust (20)**

Hon. Shri. Annasaheb Dange Arts, Commerce and Science College was established in 1998 with the motto “May the Darkness of Ignorance Disappear” (duritanche timir javo) to spread quality education in deprived communities (including girls) belonging to Hatkanangale Tehsil. The institutions aims at empowering students through skill based and value oriented education so that they will become good and socially contributed citizens. For the attainment of vision, mission and goals, the institution has performed significantly in the curricular and co-curricular activities including the introduction of academic programs, women empowerment programs, community services and the research during the last five years. As per the guideline of the NAAC manual, the performance of the institution in one area distinctive to its vision, priority and thrust is summarized here as below:

#### **Wide range of Programs & Students active involvement in all Activities**

Basically, the institution comes into exist for removing all types of darkness of ignorant people (girls and deprived classes) belonging to Hatkanangale Tehsil. Starting with the small numbers of the students and only two academic programs in 1998, the college now caters over to about 900 students and offers 7 academic programs including four UG programs, three PG programs and several certificate courses. The institution has introduced UGC funded Career oriented Certificate course in Spoken English and Shivaji University recognized certificate courses namely Modi Lipi Training Program, Hindi Translation, Taxation, etc. during the last five years. Besides, the short duration courses such as fashion designing, beauty parlor, embroidery and stitchery, etc have been introduced at the institutional level for the overall development of the students. No doubt the increased numbers of students and academic programs show the performance of the institution. Even more the socio-economic profile of the enrolled students highlights that the college has effectively and efficiently performed towards its vision, mission and goals. Right now, more than 45% girl students and about 65% students from the backward and economically weaker sections of the society are learning in the institution. In short, the college provides easy and quality access to education to the deprived classes in accordance with its vision and mission. To offer quality education to enrolled students, the college has strived to improve and upgrade teaching learning resources regularly. Today, all the departments are well equipped with computer, internet connectivity, OHP and other e-resources.

The college always motivates the students to take part in every program and make rigorous use of all learning resources available on campus. As a result, the institution gets active involvement of the students in academic, co-curricular and research activities. The active involvement of the students show that the institution works in tune with it vision, mission and goals.