

BEST PRACTICE – I – During NAAC III cycle

Title:

IT/ICT in Teaching, Learning and Governance

1. Objectives of the Practice

- To improve quality of teaching-learning and governance.
- To promote mass learning/distance learning.
- To minimize /optimize the use of paper and other valuable non-renewable resources.
- To increase GER.
- To meet the challenges of shortage of resources. (faculty/infrastructure/library resources).

3. The Context

Information technology and information communication technologies have become common place entities in all domains of society. Within education also ICT has begun to make its contribution. In India education is facing challenges in terms of access, equity and quality. Our institution is also taking appropriate initiatives to improve GER and quality of education. The draft national policy on education framed in 1980, modified in 1992 stresses upon employing IT to improve quality of education which has been included in vision and mission of NPE. We realize that IT/ICT can act an enabler and catalyst to fuel the growth of our education. Use of ICT for promoting education has always been a part of most of the Govt. policies and plans. On education UGC and MHRD also favoring inclusion of computer and internet based new technologies (cloud computing/virtual classrooms). These technologies play a bigger role in transforming higher education creating a social, highly collaborative and personalized environment for student learning.

Deptt. of Higher Education, Govt. of M.P. is also planning to provide smart phones to students to ensure effective teaching learning process.

4. The Practice

- College has set up 10 smart class rooms to facilitate effective and improved content delivery.
- Computerization of library resources.
- Teachers prepare e-study materials.
- The campus is Wi-Fi enabled.
- Through the use of CCTV camera, transparency in working has been achieved.
- Biometric machines have been installed.

- Teaching and administrative staff maintain the punctuality.
- Question banks, exam result, time table, advertisements, notices are uploaded in website which can be accessed even in remote areas.
- All the departments have developed their e-mail ids which are used for sharing notices, information and other official documents.
- Students also submit their queries, assignment, project reports, seek guidance from their mentors/guides through their mail IDs.
- Computer awareness and application have been included as on component in syllabus.

5. Evidence of Success

- Besides learning main subjects, students have become computer friendly.
- Administrative staff is showing better and enhanced performance.
- Work load has been reduced.
- By using IT/ICT, College has been able to meet the challenges of faculty shortage upto certain limit.
- Teachers became updated with latest developments in their subjects.
- Use of paper has been minimized.
- Transparency of work has been enhanced.
- Online admission process helped to increase GER.

6. Problems Encountered and Resources Required

There are some obstacles against the smooth functioning of this practice. Some of these are given blow :

- Lack of IT awareness in teaching and non-teaching staff.
- Insufficient of IT infrastructure,
- Lack of finance.
- Paucity of skilled personnel.
- Negative attitude.
- Lack of institutional ICT policy.

The following strategy has been adopted by the College to overcome the obstacles :

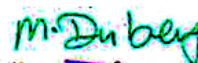
- The College has prepared a proposal for IT development and sent to UGC for sanctioning of Grants in 12th Plan.
- Apart from it College sanctioned the amount from Autonomous Grant for the development of IT infrastructure.
- The College is going to frame a ICT policy to facilitate its students and staff.

Resources Required :

- Developing the IT facilities in the campus and organizing various programmes by the IT cell involves heavy expenditure which is borne by the management through Autonomous Grants, UGC Grants, funding from State Govt. and Janbhagidari Samiti, etc. The institution considers this as its responsibility to the students and staff to make them IT friendly and is willing whole heartedly to strengthen the IT activities to reach out the institution with many more constructive programmes. The College has no major problems to carry out the practice.



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