

**“Role of teacher educator for developing e- environment in classroom”**

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Good faculty is a must for any higher education institution aspiring for quality. e- environment in classroom support teaching, research, & extension programmes of their parent organizations. The regular classroom is being transformed by rapid developments in information & communication technologies.

Successfully identifying & applying best practices can reduce expenses & improve organizational efficiency of self financing courses.

The explosion of information , the movement away from the use of textbooks the increased concern for learning styles, advances in instructional & information technologies, advocacy for self directed learning & collaborative teaching are factors that increase the complexity in planning for instruction. These factors bring a need for open learning resources. Faculties have to attempt to include curriculum integration; resources based learning, new evaluation practices & technology into their daily teaching.

The present paper deals with developing course content/material with the help of e-mail for self directed learning in self financing courses for e-classroom & e-library. Teachers should use various tools of ICT to develop content for different courses.

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Every honest teacher educator working in self financing course expects that every teaching day should be learning day. This expectation does not reach near to fulfilment due to disturbances like Bandha, strike, natural calamities, manmade calamities. Students remain absent due to sickness, family responsibilities etc. Due to these disturbances also for honest teacher sometimes it becomes not possible to complete the syllabus of subject by classroom teaching. Some units are partially overviewed, some units remains totally untouched, due to different activities microteaching, simulated teaching, macro lessons, seminars, projects, talks by experts. This causes effect of educational loss of the students.

In an environment of global competitiveness it is important that Indian product of the higher education institutions are as competent as graduates of any other country, it is crucial for teachers to identify & sustain quality in teacher input.

**Research questions:**

1. Is it possible to develop course content/ material with the help of e- mail for self directed learning in self financing courses?
2. How this material will be created?
3. What will be its utility?
4. How content developed using e-mail is useful to teachers & students?

5. What is changing role of teacher educator in the era of information & technology?
6. Whether the entire teacher can develop material for college library using different resources of ICT?

### **Best practices: Innovation in the classroom**

In order to get answer of above mentioned research questions, Teacher educator had performed following experiment in Seva Sadan's College of Education using e- mail for self directed learning.

Mission of Seva Sadan college is to provide quality education & Life long learning. Principal Dr. Beena Khemchandani inspired all teachers to use ICT tools in teaching learning process. Seva Sadan College have well equipped library, computer laboratory, all the floors have CCTV cameras, think line in library as well as on other floors to access different library resources. Being a tech-savvy college, college has a text based communication system for the students. All the important communication is relayed to students through group SMS. College library have Soul Software for university libraries.

It is important to realize that we live in a fast changing world, dictated by the developments in technology. Quick access to information has made knowledge creation fast, & the multiplier effect has made it even explosive. It is increasingly difficult to anticipate changes & respond to them with creative purpose. Developing content through e-mail with relevance to the future & delivering it is a challenging task.

**Teacher educator** (myself) decided to make use of e-mail to teach & deliver the course content of ICT, Sociological foundation of Education, maths method using e-learning in the academic year 2010-11.

**Teacher educator** (myself) opened new e-mail account socio.maths @gmail.com; whatever topics were taught in above mentioned subject mailed all the topics to this e-mail id. All the students got password so that they can access the content & can download it. In the year 2011-12 researcher changed the password so that Alumni can't access the e-mail Id. Some **rules** were framed to access e-mail like no one should delete the content; no one should send the e-mail without consent of researcher. Teacher educator will simply post material through e-mail; students can read it online or can download it for further access. Since the students would not be in a classroom with professor & classmate, he / she need to be capable of independent learning,

**Best practices for developing e-environment in college Library:**

The library of Education College plays an important role in enhancing the quality of academic & research environment. In general, the use of technology & innovative ideas leads to evolve best practices evolving in the library & information services. Due to rapid growth in literature & continuous development of information technology the role of libraries becomes more responsive. As this use of internet is increasing, a traditional library has shifted to academic library in e-environment. While advancement in communication tools were easily adapted in learning. All this calls for a team of teachers working in self financing course in different areas to come together to develop proactive strategies for higher education to meet the future demands of students.

In library, e-learning by computer can be done by communicating with professor & students via e-mail. All the professors after teaching unit can send the material, references to particular e-mail id (eg. sevasadan[library@gmail.com](mailto:library@gmail.com)). All the students will get password to access the content in library.

**Impact of Best practices:**

The best practices should be implemented at every self financing institution because it will help out the best in the library & its activities. This education will be learner centred, providing full learner autonomy in education sector. Student will have all the choices open for him. He will decide what to learn, how to learn & when to learn.

**Result From the feedback given by the students it is evident that**

- a) It is possible to develop self directed learning atmosphere for students e-mail in self financing courses.
- b) .The self directed learning material can be developed with the help of staff and students if they are motivated.
- c) The self directed learning material developed via e-mail remains available at any time, while studying the topics using e-mail. This brings about co-cooperative learning of students.
- d) Content prepared through e-mail can be updated at any time. Student can refer the content and references for preparing assignments and examination.
- e) Teachers working in self financing college need to adopt to change if they have to survive and keep pace with new methods and technologies.
- f) All the teachers should use various tools of ICT to develop content for college library so that students can access content anywhere and anytime.

**Conclusion:**

Self financing colleges should realize that there is paradigm shift has been noticed in higher education now a days, from “national education” to “global education”, from one time education for a few to “life long education” for all from teacher centric education to “learner centric education”, traditional classroom to “e- classroom”. These changes make new demands in teaching learning process.

To cope with timely challenges, every teacher has to identify & develop its own tailor made best practices. The whole new education with new objectives, new skills competencies, even the teaching learning processes are changing & e-learning & self education are getting prominence. Today higher order skills are not learned & developed in educational course. Learning has to be about more than schooling. Today successful teacher is who can direct manage & monitor his own learning in response to new opportunities. Learning is no more interaction between the teacher & the taught but is a self learning process, which is resource based learning, the open educational resources freely available in abundance all over world.

Library environment has an in-depth effect on everyone who comes within its periphery & has a large impact on an organisation's performance. Recent development in information technology have triggered up an information revolution. Hence efforts must be channelized towards creation of a knowledge based society.

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