Research Paper

Education

Pioneering Methods of Teaching in Higher Education

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ABSTRACT

The purpose of this paper is to review the traditional methods of teaching as well as modern teaching and to suggest other useful teaching methods that can be attempted in imparting knowledge to the students. Basically teaching must include two major components sending and receiving information. Ultimately, a teacher tries his best to impart knowledge as the way he understood it. So, any communication methods that serve this purpose without destroying the objective could be considered as pioneering methods of teaching. The use of pioneering methods in educational institutions has the potential not only to improve education, but also to give power to people, strengthen superiority and provoke the effort to achieve the human development goal for the nation.

INTRODUCTION

Education is a light that shows the mankind the right direction to path. The purpose of education is not just making a student educated but adds basis thinking, knowledgeable and personality capability. When there is a eagerness to change, there is hope for progress in any field. Vision can be developed and advance benefits both students and teachers.

II. IMPORTANCE OF EDUCATION

Education is the fourth necessity for man after food, clothing and shelter, in today's competitive world. Education is indeed a powerful tool to combat the cut-throat competition that man is faced with at every junctures in life. The importance of education in India is indeed rising with passing time. Though India has always been a great source of learning for many years, it still needs to improve not just on the quality of education but also on the number of people being educated. Education is a light that shows the mankind the right direction to course. If education fails to inculcate self-discipline and commitment to achieve in the minds of student, it is not their mistake. We have to convert education into a sport and learning process has to generate interest in the students and motivate them to stay back in the institution than to run away from it. Education should become a fun and thrill to them rather than burden and boredom. It is an integral part of their growth and helps them become good citizens. Education is an engine for the growth and progress of any society. It not only imparts knowledge, skills and inculcates values, but is also liable for building human capital which breeds, drives and sets technological improvement and economic growth. Education is very important and no one should be deprived of it. In today's era, information and knowledge stand out as very important and critical input for growth and survival. I think being educated is the most important thing not only for success in one's life, but the better educated population plays an important role in making a nation more successful and well rounded. Receiving formal education is vital, but to achieve success in life, informal education is essential.

Aim:
- To analyze traditional methods of teaching as well as Modern teaching methods
- To know the benefits of pioneering methods to Improve Learning process
- Suggestions to strengthen power

III. METHODOLOGY

The study collected information mainly from secondary data. The data was collected from books reports and websites.

IV. TRADITIONAL TEACHING METHOD – AN EVALUATION

The traditional methods are that teaches shouldered too much of responsibilities for teaching in the classroom to make sure everything they thought were understood by the student. Thus it was a good method, where there was efficient communication between teacher and students. There was also the typical way and a controllable class where the teacher would teach on the blackboard, explained, asks students to copy and made sure students paid attention and listen. Besides that, the traditional way in disciplining students in school and teaching them was an effective way in building a good characteristic student where students were afraid of their teacher and respect them. Talking about the pros there are cons to traditional method way where students were to afraid to ask their teacher questions. Thus students get board of the same way of teaching method done by the teacher which is on the blackboard and listening to the teacher talk while they sit down in class and heat up their chairs. Besides that, disciplining the students with canning and scolding is not a sufficient way for students get traumatizes in school It has been found in most universities by many teachers and students that the conventional lecture approach in classroom is of limited effectiveness in both teaching and learning. In such a lecture students assume a purely passive role and their concentration fades off after 15-20 minutes.

Some limitations which may prevail in traditional teaching method are

- Places students in a passive rather than an active role, which hinders learning.
- Encourages one-way communication; therefore, the lecturer must make a conscious effort to become aware of student problems and student understanding of content without verbal feedback.
- Requires the instructor to have or to learn effective writing and speaking skills.
- The material presented is only based on lecturer notes and textbooks.
- Teaching and learning are concentrated on "plug and play" method rather than practical aspects.
- There is insufficient interaction with students in class-

room.
- More emphasis has been given on theory without any practical and real life time situations.
- Learning from memorization but not understanding.
- Marks rather than result oriented.

V. INNOVATIVE TOOLS
(i) MODERN LEARNING PROCESS
E-Learning
E-learning is an online education through the computer networks (the Internet or local intranet), providing educational services by taking advantage of information technology. For more specific definition of e-learning, you may use e Learners. com's; that is, e-learning is defined as any learning that utilizes a network for delivery, interaction, or facilitation. This includes distributed learning, distance learning (other than pure correspondence), Computer Based Training (CBT) delivered over a network, and Web Based Training (WBT) and it could be synchronous, asynchronous, instructor-led or computer-based or a combination. In other word, e-learning is a new paradigm of education system using information technology. It provides a cyber space where teachers and students can interact educationally whenever or wherever they want.

(ii) OTHER INNOVATIE TOOLS SUGGESTED
(a) MIND MAP
Mind maps were developed in the late 60s by Tony Buzan as a way of helping students make notes that used only key words and images, but mind map can be used by teachers to explain concepts in an innovative way.. Mind Maps are also very quick to review, as it is easy to refresh information in your mind just by glancing once. Mind Maps can also be effective mnemonics and remembering their shape and structure can provide the cues necessary to remember the information within it.. As the recent research point that any particular information explained with the help of graph charts make a high impact in the minds of the people and keeping this as the core aspect the teachers may try to picturize the concepts and show the same to the students

This would bring very high impact on the minds of the students about a concept

- Creates clear understanding, PowerPoint can be used widely, Innovative thinking improves

(b) TEACHING WITH SENSE OF HUMOUR – "HUMOUR AN EFFECTIVE
MEDIUM OF TEACHING"
Everyone loves a teacher with an infectious sense of humor. Teaching is a challenge. Learning is a challenge. Combining both effectively is a challenge. Being humorous is a challenge. Humor strengthens the relationship between student and teacher, reduces stress, makes a course more interesting and if relevant to the subject, may even enhance recall of the material. Humor has the ability to relax people, reduce tension, and thereby create an atmosphere conducive for learning and communication. It is easy to create a humor in the classroom by reading books of jokes and to listen to professional comics. The students should be encouraged to take notes, especially to learn about the professionals' use of such techniques as exaggeration, pauses, and timing. In conclusion, humor not only plays an important role in the healing process but is also very important in education.

(c) Z TO A APPROACH
This approach attempts to explain the application part of a particular concept first. The teacher should explain the application of a particular concept first and explain the effects of such applications. For example in management subject - motivation is explained in a manner that the organization get extensive benefits out of using some techniques like promotions and awards. So here the use of promotion is explained

first and later students would get interest in knowing what are promotions and awards.

Strengths
- Makes a particular concept clear
- Students develop interest to know exactly the concept.
- Creates long lasting memory/correlation of a concept.

Weaknesses
- Take quite long time for a teacher to introduce a concept
- Initial difficulty in understanding a particular concept will be encountered.

(d) MNEMMONICS WORDS- WORDS –WORDS APPROACH
Here the teacher is not supposed to talk on a particular concept for a quite long time. But to make it clear to the students he can just go on saying mnemonics or its associated meaning in words. Here he goes on saying only words instead of sentence, and once they come to a basic understanding of the meaning of a particular concept then the teacher will explain in sentences. For example in teaching language courses this technique can be used as an effective medium by the teacher to develop word power.

- Dictionary must be used widely
- Word power increases
- Teacher also gets to know many words pertaining to a particular concept.

(e) ROLE PLAYING AND SCENARIO ANALYSIS BASED TEACHING
Role playing and scenario analysis is mostly used in organizations that try to analyze a problem pertaining to the organization, and this is also used in management institutions. But the similar kind of practice can be tried in other specialization too like science and engineering. Science and engineering courses have practical but in support of those practical if students are given a scenario and other options to solve a particular issue, then the students are exposed to decision making in a given environment.

VI. CONCLUSION
Across the world, information technology is dramatically altering the way students; faculty and staff learn and work. Internet-ready phones, handheld computers, digital cameras, and MP3 players are revolutionizing the college life. As the demand for technology continues to rise, colleges and universities are moving all sorts of student services.

The Information and communication technology has made many innovations in the field of teaching and also made a drastic change from the old paradigm of teaching and learning. In the new paradigm of learning, the role of student is more important than teachers. The concepts of paperless and pen less classroom are emerging as an alternative to the old teaching learning method.

The researchers recommend that the teaching would be highly effective if the teacher start to use the recent multimedia technologies like usage of computers extensively or some modifications in the conventional mode of teaching. The use of computers may be very well practiced in the environment where the use of such technology is highly possible, but there must be some sort of innovation which can also be practiced in an environment where such use of technology is on its way to growth The researchers believe that the core objective of teaching is passing on the information or knowledge to the minds of the students. Any method using computers or modifying the existing conventional chalk-talk method are innovative if they ultimately serve the attainment of core objective of teaching.

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