

A Study on Innovative Teaching Learning Methods for Undergraduate Students

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ABSTRACT : Education is the process of facilitating learning, or the acquisition of knowledge, skills, values, beliefs, and habits. The purpose of the education is not only to make the students literate but also to make them creative, knowledgeable, think of their own and to meet the workforce .The success of a student depends on the teacher and the innovative methods which they incorporate in teaching. The purpose of this paper is to suggest the innovative teaching and learning methods that can be used in imparting the knowledge to the students

KEYWORDS: Education, Innovative, Learning, Teaching, workforce

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I. INTRODUCTION

Education plays an important role in today's world. Over the decades there had been rapid increase in the higher education system. Our education system is geared towards teaching and testing knowledge at every level as opposed to teaching skills .Teaching and learning are dynamic complements of knowledge sharing at a time of increasingly rapid technological advancements. Creativity and innovation is the essence of teaching and learning including in the social sciences discipline .Gone are the days of a Professor delivering a lecture while standing behind a rostrum in a huge lecture hall in a one-way communication mode where his or her words are words of God, and students sit quietly embracing his or her words, busy taking down notes, those days have long been over and they have been replaced with more innovative and creative ways of disseminating, sharing and facilitating knowledge development in students. Our students are tired of the old school approach to learning a language – they want something practical, relevant and useful for their professional life. With computer being their flesh and blood; and living in the era where they are allowed to question on things and they are empowered to be partly responsible for their learning, creativity and innovation have been incorporated in teaching and learning, assessment and supervision.

It is high time both for the students as well as teachers for a change, which can be met if they accept the challenge. Faculty members are constantly looking for new and effective ways to engage their students in the learning process .More than ever before, students in higher education will apply what they learn in university to professional careers that don't yet exist. To become global leaders and valuable citizens of today and tomorrow, our students must learn to be independent critical thinkers, to be socially and ethically responsible, and to have a broad understanding of the world. Different innovative teaching methods are now in use across the globe.

OBJECTIVE OF THE STUDY

1. To suggest Innovative methods in Teaching
2. To suggest Innovative methods in Learning

II. RESEARCH METHODOLOGY

Exploratory research methodology is used here to analyze the data. Data was collected from multiple sources such as journals, books and blogs to understand the teaching learning paradigm. In this paper, we have referred previous research articles. Apart from this, we have referred different websites and professional magazines.

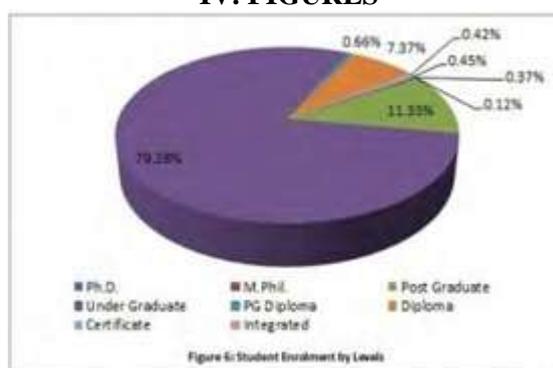
III. WHY INNOVATION IS IMPORTANT FOR HIGHER EDUCATION

Education is a very powerful instrument for social change and transformation and innovative teaching practice is the only way to enhance the quality of our education. The use of innovative methods in educational institutions has the potential not only to improve education, but also to develop creativity, empower people, strengthen governance and galvanize the effort to achieve the human development goal for the country.

A bachelor's degree is a life training. And the best time to get a chunk of that under your belt is in those transition years as you are first forming ideas about what you want to do with your life-- inside and outside of your career. Even the Ministry of HRD has insisted all the educational institutions to use the technology in classroom. As per MHRD report highest number of students have been enrolled at Undergraduate level across India. A country's future rests on the shoulders of its youth and children, quite specifically on how they are taught and engaged to think and act. If the 21st Century is truly the age of cataclysmic change and creativity then nothing less than a paradigm shift in the education system will do. While technology increasingly will play a major role in disrupting legacy education models it will equally place heightened emphasis on human beings' capacity to create and innovate in the face of rapid change and complexity. An innovative effort of an institution helps in its academic excellence.

An innovator will constantly think of better ways of doing things; an innovative educator will constantly formulate new ways and approaches to teaching and learning to maximise the output i.e. learning. As a strong believer in the supremacy of technology, namely the computer in enhancing teaching and learning especially to the Y-generation who grows with the technology in their background, the computer can be an effective tool, an agent, for learning.

IV. FIGURES



Source: MHRD.gov

Figure:1

Innovative Teaching Methods

Any teaching method without destroying the objective could be considered as innovative methods of teaching. The researchers believe that the core objective of teaching is an innovative practice could be a pathway created to further the interest of the student and the institution. The analysis reveals some of the suggestions that the teaching community can practice in the classrooms.

- Teaching with technology engages students with different kinds of stimuli- involve in activity based learning. Technology makes material more interesting. It makes students and teachers more media literate and mostly suggested one is Multimedia
- Teachers can also consider Z to A approach as it explains the application part of a particular concept first, so students would get interest in what the actual concept is. This approach helps in creating long lasting memory or correlation of a concept
- Collaborative teaching, sometimes called cooperative teaching or team teaching also considered as an innovative teaching, it involves educators working in tandem to lead, instruct and mentor groups of students.
- There are many devices with the help of which one can teach effectively for e.g. Jigsaw, Role-Playings etc. are very effective in developing their linguistic competence. If this method is used properly, language-learning becomes more interesting and easy.
- Teachers can also use case study method for innovative teaching because case method is a powerful student-centered teaching strategy that can impart students with critical thinking, communication, and interpersonal skills.
- Teaching with sense of humor is also considered as an innovative method which makes students listen actively. Laughter is a natural, universal phenomenon, with beneficial effects, both physical and psychological.
- Teachers can use interactive boards and smart boards for teaching as it help students experience a deeper level of engagement and understanding by making course content interactive and visual.
- Problem-Based Learning (PBL) is a teaching method in which complex real-world problems are used as the vehicle to promote student learning of concepts and principles as opposed to direct presentation of facts and

concepts. In addition to course content, PBL can promote the development of critical thinking skills, problem-solving abilities, and communication skills

- Screencasts also emerged as a prominent teaching tool. Screencasts are an effective way to share ideas, deliver content, and obtain student feedback on the Internet. Screencasts can be used for describing a step-by-step process, explaining a particular concept, or presenting a PowerPoint presentation with narration and multimedia elements.
- Use of mnemonic words is also an innovative teaching method. 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/she can just go on saying mnemonics or its associated meaning in words

Innovative Learning Methods

- If learners are actively engaged with a task which they accept is for learning they are not simply follow a prescription or set of rules, but contribute their own thinking to the task.
- The flipped classroom is a learning environment that provides students with a variety of means to study basic knowledge content as part of homework and preparation for class meetings. The flipped classroom also contains homework assignments as asynchronous classroom preparation. Students may access the course materials as often as needed, and they can return to reflect upon the materials while building more difficult concepts later in their course.
- Mind mapping is a learning technique which uses a non-linear approach to learning that forces the learner to think and explore concepts using visuospatial relationships flowing from a central theme to peripheral branches which can be inter-related.
- Experiential learning is any learning that supports students in applying their knowledge and conceptual understanding to real-world problems or authentic situations where the instructor directs and facilitates learning.
- MOOC a new learning method in Higher education. And it promotes active learning, where the learner watches videos and engages in interactive exercises

IV. CONCLUSION

Thus, it can be concluded that any teaching method without destroying the objective could be considered as innovative methods of teaching. The researchers also recommend that the teaching and learning would be highly effective and innovative if the teacher starts to use the recent multimedia technologies like usage of computers, screen cast etc and by following student centered method of teaching –learning like mind maps, case study, problem based learning and collaborative teaching.

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