

FUTURE TRENDS

IN

FLIPPED

CLASSROOM

Abstract

Flipped classrooms also redefine as inverted classroom. This kind of teaching comprehend in which task are given to the students to study at home from books and practice concepts through assignments. Through the Inverted classrooms teachers set target for their courses, learning for class in advance, choose high quality class, and helpful information collection upload on websites which also help in reducing paperwork which also helps in reducing the paperwork. The flipped classrooms are shifting from Passive learning to active learning state i.e., from traditional learning classroom teaching to flipped classrooms. In traditional classrooms students receives limited amount of time but on the other hand in flipped classrooms student get extra time and as they can learn through lecture videos also. It applies competency-based learning in which student becomes master of one topic before moving on to another topic. Flipped learning is a strategy in which teachers record their lectures and post those videos on online, which student can access. Students study at home by watching these videos and when they come to class, they let's get ready with that lecture. To improve the existing problems in the quality of teaching process this paper conducts descriptive research on Inverted classroom and to find out the problems faced ion traditional classroom teaching method.

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I.INTRODUCTION

Flipped classroom is termed as inverted classroom because in the flipped classroom the classes are shifted from traditional to modern learning. The study of flipped classroom is literally a convenient learning option in which student can recall the information easily whenever they want, as all the information is available in the form of video, assignment, and practical and other material on the internet.

Under this, teacher recorded their lectures and post those videos, which students can access. Students study at home by watching these videos and when they come to the class, they let's get ready with the lecture. Flipped classroom is a type of instructional strategy and blended learning. It replaces the traditional educational system by providing instructional material outside the classrooms. In which students watch online lectures, conduct online discussion and conduct research under the guidance of an instructor.

II.REVIEW OF LITERATURE

- A. Literature review by various authors gives enough information about flipped classroom, how to make education sector more effective & also improve the quality of teaching in education sector. Some studies suggest that flipped classroom recommended too many better academic performance, other studies emphasize weakness associated with flipped classroom. For example, in the flipped model student learning achievement and contentment may be enrichment (Missildine, Fountain, Summers, & Gosselin, 2013);
- The conclusion was that contentment of so, many students was substantially enhanced through flipped classroom collate to the traditional classroom(Davies et al.,2013)
- However, challenges can include more required time to redesign the course as a flipped classroom (Schlairet, Green, & Benton, 2014), students can be more satisfied with the flipped method; and it can be more effective and efficient than traditional instruction(O'Flaherty & Phillips, 2015)According to their findings the flipped classroom uses various method of teaching which caused changing the classroom concept to flipped classroomF Ozdamil, G Asikoy (2016) ,Implementing flipped classroom using social media. A differentiate of two demographically different groups perceptions.

B. Sohrabi et al. (2016), inconsistent behaviours by some students (Sun, Wu, & Lee, 2017), The literature suggest that the inverted model of instruction entails both strengths and weaknesses. However, up to now only some studies have inspected the educational strength and weakness of flipped classrooms. This new discover of the strength and weakness broadcasted in research studies identify on this approach can more comprehensively suggest quickest practices, and areas for future research and development. In the present study, 71 research studies examining flipped classroom, published to the end of 2016, were classified and standardize analysed.

III.OBJECTS OF THE STUDY

- To study about the concept of Inverted classroom.
- To understand the needs and importance of Inverted classroom.
- To know about the strengths and weakness of Inverted classroom.
- To understand the future of scope of Inverted classroom.

IV.RESEARCH METHODOLOGY

This is an expressive study. The research has been collected from secondary data such as books, journals, magazines and internet

About Flipped Classrooms

Flipped classroom is a type of instructional strategy and blended learning. It replaces the traditional educational system by providing instructional material outside the classroom.

This is reverse of the more common practice of introducing new content at school then assigning homework and projects to complete by the students independently at home. We conclude the seven pillars of flipped classroom i.e.-F- Futuristic approach, L-Learning content, I-Interesting, P-Professor's Assistance, P- Perfect classroom, E- Effective understanding, D- Design creativity

Features of Flipped Classrooms

- It is a futuristic approach, strategy and programs to complete through the students.
- Inverted classroom is used for active learning. Provide a chance for students to gain antecedent to class.
- It is an interesting classroom in which students focus on their assignment, practical and homework in advanced.
- In flipped classrooms professor's assistance to the student. Clear rules and expectations.
- It is a perfect classroom in which professors uploaded assignment & notes on web so the student can prepare themselves in advanced.
- Students get higher grades in flipped classrooms in comparison to traditional classrooms and council them to change into flipped classroom from traditional classrooms those who are struggling in classes so that they can boost their performances.
- Flipped classroom activities allow students to show their talent or make innovation that add value to their work or add some modernity to their work.

How flipped classrooms work

- Assignment & worksheet are uploaded by the professor on the web.
- Information given by the professor to the students regarding the assignment & worksheet.
- Students watch an online lecture, conduct online discussion and research under the guidance of an instructor.
- Student study at home by watching web material and when they come to the class, they let's get ready with that lecture.

Needs of Flipped Classroom

- To make the classroom design creative learning environment.
- To enable students to learn through effective understanding.
- To make the learning concept more interesting via online lectures for the instructor reaching to each student individually, rather than the class as whole.
- To share lectures outside of class time.

Pros and cons

Pros

- There is no wastage of time in flipped classroom because students are already ready in classroom after reading that topic.
- It promotes student- centred learning and collaboration.
- Text and content are more accessible (provide technical access).
- Students have more control to recall the information for post examination.
- It is an efficient and effective concept.

Cons

- Complicated for those students who are incapable to purchase computers, laptops or smart mobiles.
- Health issue may pose a problem because of excess exposure to these devices.
- Necessary to have computer literacy.
- Sometimes there is no direct interaction between professors & students which may create communication gap.
- Sometimes students are misusing of technology and spend excess time on these devices.

IV. Future of Flipped Classroom in Education Sector in India

Flipped classroom is a new teaching learning method which enables the India is moving from traditional to modern. Especially when COVID-19 came entire education system shifting from offline to online and only due to e-teaching the studies could continue so, the importance of flipped classroom increased. The use of flipped classroom deluge due to pandemic situation. Students and educators did not meet alone like they used to do in offline classes the trend of flipped classroom increased. This shift publicized the ability of comprehensible, bendable and engaged in virtual learning method. Flipped classroom is a learning method which is popular all over the world as well in India. Indian school of business is first institute in India who expose this learning system in country to teach the management course students. A further learning instrument i.e., creates technology has also been developed which provide the content and tells how much the learner have learned. It has been already acquainted in Assam University in ISB and in National Police Academy. In the future of India flipped classroom may become more common in business school.

V. Conclusion:

According to the findings of this research paper the flipped classrooms are redefined class activities. The flipped classrooms are shifting from passive learning to active learning state i.e., from traditional learning classroom teaching to flipped classrooms.

Flipped classroom gives the instructor more time to teach each student individually, rather than a class as whole. It encourages students to understand the underlying rationale behind the information provided being to them. Flipped classroom termed as an inverted classroom, is anew and popular instructional model, in which activities traditionally conducted in the classroom. To improve the existing problems in the quality of teaching process this paper conducts descriptive research on flipped classrooms and future of flipped classrooms to find out the problems faced in traditional classroom teaching method.

The effort put in is worth the while because the flipped classroom model has been proven to increase the retention of knowledge learned and make valuable class time more worthwhile for learners.

Reference

- Borg, M., & Shapiro, S. (1996). Personality Type and Student Performance in Principles of Economics. *The Journal of Economic Education*, 27(1), 3-25.
- Windschitl, M. (1999). Using small-group discussions in science lectures. *College Teaching*, 47(1), 23-7.
- Young, M. S., Robinson, S., & Alberts, P. (2009). Students pay attention! Combating the vigilance decrement to improve learning during lectures. *Active Learning in Higher Education*, 10(1), 41-55.
- Lage, M., & Platt, G. (2000). The Internet and the Inverted Classroom. *The Journal of Economic Education*, 31(1), 11-11
- Lage, M., Platt, G., & Treglia, M. (2000). Inverting the Classroom: A Gateway to Creating an Inclusive Learning Environment. *The Journal of Economic Education*, 31(1), 30.
- Williams, C. (2002). Learning On-line: A review of recent literature in a rapidly expanding field. *Journal of Further and Higher Education*, 26(3), 263-272.
- Singh, H. (2003). Building Effective Blended Learning Programs. *Educational Technology*, 43(6), 51-54.
- Beeks, W. (2006). The "millionaire" method for encouraging participation. *Active Learning in Higher Education*, 7(1), 25-36.
- Bishop, J. L., & Verleger, M. A. (2013). The flipped classroom: a survey of the research. In *ASEE National Conference Proceedings, Atlanta, GA*.
- Davies, R. S., Dean, D. L., & Ball, N. (2013). Flipping the classroom and instructional technology integration in a college-level information systems spreadsheet course. *Educational Technology Research and Development*, 61(4), 563-580.
- Baepler, P., Walker, J., & Driessen, M. (2014). It's not about seat time: Blending, flipping, and efficiency in active learning classrooms. *Computers & Education*, 78, 227-236.
- Butt, A. (2014). Student Views on the Use of A Flipped Classroom Approach: Evidence from Australia. *Business Education & Accreditation*, 6(1), 33-43.
- Bentihavas, V., Bridgman, H., Kornhaber, R., & Cross, M. (2015). The evidence for 'flipping out': A systematic review of the flipped classroom in nursing education. *Nurse Education Today*, 6, 15-21.