

**FUTURE TRENDS**

**IN**

**FLIPPED**

**CLASSROOM**

## Abstract

Flipped classrooms also redefine as inverted classroom. This style of teaching involves giving students the at-home tasks of reading from textbooks or practicing concepts by working on assignment. Through the flipped classrooms teachers set course target, learning for class in advance, choose high quality class, learning information collection upload the related resources which also helps in reducing the paper work. 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 a mastery learning model that requires each student to master a topic before moving to the next one. Flipped learning is a methodology that helps teachers to prioritize active learning during class time by assigning students lecture material and presentations to be viewed at home or outside of class. With the flipped model, the lower levels are presented before class through recorded lectures and video

Reading, simulation, and other materials also provide this foundational support for learning so that in-class time can be spent working on higher levels of learning from application to evaluation. In order to improve the existing problems in the quality of teaching process this paper conducts descriptive research on flipped classrooms and to find out the problems faced in traditional classroom teaching method

***Key words:*** *Face to face teaching; Higher education;*

*Flipped classroom; scoping review.*

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## **I. INTRODUCTION**

Flipped classroom is termed as inverted classroom because in the flipped classroom the classes are shifted from passive to active 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.

The flipped or inverted classroom is a new and popular instructional model, in which activities traditionally conducted in the classroom [e.g., content presentation] become home activities and activities normally constituting homework become classroom activities. In the flipped classroom, the teacher helps the students instead of merely delivering information, while the students become more responsible for their own learning process and must govern their own learning pace.

## **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. While some studies indicate that flipped classroom offer many positive educational outcomes, other studies draw attention to limitation associated with flipped classroom. For example, in the flipped model student learning achievement and satisfaction may be enhanced (Missildine, Fountain, Summers, & Gosselin, 2013); The conclusion was that achievement of most students was significantly improved through flipped classroom compared 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 may be more satisfied with the flipped method; and it can be more economical 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 classroom F Ozdamil, G Asikoy (2016) ,Implementing flipped classroom using digital media:A comparison of two demographically different groups perceptions.

B. Sohrabi et al. (2016), low self-regulated behaviours by some students (Sun, Wu, & Lee, 2017), The literature indicates that the flipped model of instruction entails both opportunities and challenges. However, to date only a few studies have reviewed the educational outcomes and challenges of flipped classrooms. This new review of the advantages and challenges reported in research studies associated on this approach can more comprehensively indicate best 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 identified and systematically analysed.

### **III. OBJECTS OF THE STUDY**

- To study about the concept of flipped classroom.
- To understand the needs and importance of flipped classroom.
- To know about the pros and cons of flipped classroom.
- To understand the future of scope of flipped classroom.

### **IV. RESEARCH METHODOLOGY**

This is a descriptive study. The research is based on secondary data which is collected through books, journals, articles, magazines and internet.

#### **About Flipped Classrooms**

A flipped classroom is a type of blended learning where students are introduced to content at home and practice working through it at school.

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, homework and projects to complete by the students in future.
- Flipped classroom is used for active learning. Provide an opportunity for student to gain first exposure prior 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 obtain higher grades in flipped classrooms than in traditional lectures. And they report that struggling students or those from underrepresented groups boost their performance.
- Flipped classroom activities allow students to demonstrate creativity and ingenuity, increasing the worth and uniqueness of 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, review online course material, read physical or digital texts at home and again in the classroom.  
Students participate in online discussion under the guidance of the teacher, while accessing content on their own then perform research.

## Needs of Flipped Classroom

- To make the classroom an active learning environment.
- To enable students to learn at their own pace.
- To give the instructor more time to teach each student individually, rather than the class as whole.
- To share lectures outside of class time.

## Pros and cons

### **Pros**

- Rather than learning in a traditional classroom setting the flipped classroom uses a more application-based approach for students.
- The flipped classroom uses a student-centred teaching model to ensure that the course is primarily aimed at contributing to the student's overall success in obtaining a proper, effective education.
- A college based empirical study identified the flipped classroom's approach as including all the forms of learning.
- It avoids the overarching idea of "cramming" for exams & forgetting the information post-examination.
- It encourages students to understand the underlying rationale behind the information provided to them.

### **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**

As new methods of teaching-learning are emerging, here comes another such new innovative technique of e-learning, the flipped classroom. Especially in this time of the COVID-19 pandemic, when the entire teaching system is shifting to online mode, the importance of flipped classrooms is immense. The pandemic caused a surge in the use of the flipped classroom model, as educators & students could no longer rely solely on meeting in person. This shift revealed the power of accessible, flexible & engaging virtual learning methods, as well as the benefits that come from blend of synchronous and asynchronous learning. Flipped classrooms are here to stay. Their efficacy during the pandemic proved that this pedagogical approach can transcend time & location, offering unparalleled flexibility for all involved. Many educators are continuing to incorporate elements to the flipped classroom, even after returning to 100% in person learning. They're using video & multimedia material outside of class time in order to make in class time a richer, more interactive learning experience. The flipped classroom learning is gradually taking shape in the world as well as in India. Indian school of business has been one of the first institutes to introduce this system of learning in the country to teach the student a management course. A new learning tool called Creatist Technology has also been developed. It provides content and also tracks how much the learners have learned. It has been already introduced in Assam University, in ISB and in National Police Academy. In the near future, flipped classrooms may become very normal in the business school in India.

#### **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. In order 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.

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