



Essentials of **TECHNO-PEDAGOGY**

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ESSENTIALS OF TECHNO-PEDAGOGY

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FLIPPED LEARNING: THE NEW PERSPECTIVE OF LEARNING

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Abstract

Many activities, including educational ones, have been halted as a result of the spread of Covid 19. The whole education system, from elementary to higher school, must be converted to an online format. Nowadays, the teaching-learning process is a blended learning process, in which online and offline learning are combined. In this context, the value of a flipped classroom, also known as an inverted classroom, has grown significantly. This flipped learning may be seen of as a new form of learning that is both inventive and active. It boosts pupils' involvement and self-assurance. The purpose of this work is to investigate the fresh viewpoint side of flipped learning. Flipped learning offers us a new way of learning in today's technology society.

Keywords: Blended learning, Flipped classroom, flipped learning, Perspective of learning, Inverted classroom, Online learning

Introduction

The most crucial and challenging task for a teacher is to pique a student's interest and inspire them to learn. As a result, pupils who are not motivated or engaged will not engage in active learning. Many studies have been conducted to discover novel learning models, techniques, and instructional materials in order to overcome these conditions. The majority of these conclusions were valid to some degree, but they fell short of one of the most significant obstacles to effective implementation of such tactics, namely, time constraints. It is very difficult to implement such type of new strategies and models in a standard Indian classroom with a classroom size of 40 - 45 students within 40 - 45 minutes. So teachers are forced to use the conventional 'chalk and talk' method to complete their syllabus within the stipulated time allotted. In the year 2007, two chemistry teachers Jonathan Bergmann and Aron Sams from Colorado USA, successfully implemented a strategy called 'flipped learning', to overcome the difficulties faced by students by missing classes due to the active participation of different games, events etc. The teachers recorded their lectures, demonstrations and slide presentations and posted those in YouTube, so that the students can download and watch this whenever and wherever they found convenient. This strategy- flipped learning is a very efficient method.

Flipped Learning

According to Bergmann and Sams (2012), flipped learning is a pedagogical approach in which direct instruction is moved from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment, where the educator guides students as they apply concepts and engage creativity in the subject matter.