

INNOVATIVE METHODS IN EDUCATIONAL PROCESS

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Abstract: this article analysis teaching new methods and technologies that are adapting to bring change in existing system for fulfillment of predetermined educational objectives. Earlier books were only source of instruction, individualized learning and Individualized teaching. Today, it has been proved through research studies that information and communication technology can make the teaching learning process more effective and efficient.

Keywords: *innovation, teaching methods, learning through argumentation, computational thinking, learning by doing science, embodied learning, learning management system, blended learning, technology, classroom*

Today's learners are digital natives. They grew up with digital technologies. Teachers have to solve important issues related to the adaptation of the learning process towards students who have different learning styles and new requirements for teaching and learning. The biggest challenge for any teacher is to make each student to be attentive in the class, and transmit ideas effectively enough to create a lasting impression. As a teacher, to tackle this challenge effectively, they should implement innovative methods and ideas that make the classroom experience much more lovable for the students. Traditional classroom teaching methods are no longer effective to achieve current learning standards. Technological approaches alone cannot provide students with deep and meaningful learning experience. But the combination of both can help an educational institution stand at the top. Students who have grown up with interactive technology do not pay attention to old traditional classroom lectures. What educators need to do is provide students with relevant and engaging learning experience. Traditional approaches become effective in enhancing education, only if they are combined with technological approaches. 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.

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 purpose of education is not just making a student literate but adds rationale thinking, knowledge ability and self-sufficiency. When there is a willingness to change, there is hope for progress in any field. Creativity can be developed and innovation benefits both students and teachers. Technology is also changing the classroom experience. Teachers have to use different teaching methods and approaches that allow students to be active participants with strong motivation and engagement to their own learning. Modern pedagogical paradigms and trends in education, reinforced by the use of ICT, create prerequisites for use of new approaches and techniques in order to implement active learning. An innovative teaching method is a proactive approach to integrate new teaching strategies and methods into a classroom. They are:

A learning management system is a software application or Web-based technology used to plan, implement, and assess a specific learning process. Typically, a learning management system provides an instructor with a way to create and deliver content, monitor student participation, and assess student performance. A learning management system may also provide students with the ability to use interactive features such as threaded discussions, video conferencing, and discussion forums. Teaching management systems were largely used to deliver courseware in schools and popularize e learning.

Blended learning is a term increasingly used to describe the way e learning is being combined with traditional classroom methods and independent study to create a new, hybrid teaching methodology. It represents a much greater change in basic technique than simply adding computers to classrooms; it represents, in many cases, a fundamental change in the way teachers and students approach the learning experience.

Embodied learning involves self-awareness of the body interacting with a real or simulated world to support the learning process. When learning a new sport, physical movement is an obvious part of the learning process. In embodied learning, the aim is that mind and body work together so that physical feedback and actions reinforce the learning process.

Engaging with authentic scientific tools and practices such as controlling remote laboratory experiments or telescopes can build science inquiry skills, improve conceptual understanding, and increase motivation. Remote access to specialized equipment, first developed for scientists and university students, is now expanding to trainee teachers and school students.

Innovation in Teaching Methods is an effective approach to make positive change in students' behavior and attitude towards learning, to improve their motivation and engagement. The results of the change have bilateral nature – they can affect students' results and understanding of the educational content and create conditions for an effective learning process. Innovative teaching methodologies will lead to a learning society in which the creative and intellectual abilities of students will allow them to meet the goals of transformation and development.

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