



EXAMING VARIOUS METHOD OF INNOVATING TEACHING IN INDIA EDUCATION SYSTEM

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ABSTRACT

Education is one the main fundamental right of our country. India's literacy rates have consistently moved up after independence. Indian citizens have very good knowledge of English which makes them employable across the globe. Indians have done some wonderful discoveries over the years. Innovation is the key for the progress of our country and also of the whole world. Innovation plays a very important role in the field of education too. Our education system promotes the practice of technology. We have a balanced education system which gives equal weightage to computerization, manual work and superior matter. It is important to make education stress free at least up to primary level but at the same time, healthy competition also needs to be encouraged. Education must ensure holistic development of the students. Students should be appreciated for their good work and it should be ensured that they learn from their mistakes.

Keywords: - Innovation, Education, Student, Teacher, Children.

I. INTRODUCTION

Education is a purposeful undertaking. By education we plan to bring certain attractive changes in the student. In a wider sense, education is actually the entire improvement of the character. It's a procedure by which an individual freely creates his/himself based on the nature of his setting that is free. Education is actually a lifelong process which moves on from birth to death. A unique find out through the experience of his that is acquired throughout the life of his.

One of the main fundamental rights of our country's citizens is the right to education. Education has been made compulsory for children between 6-14 years. Over the many years, India has administered to promote its literacy rates to almost 75% especially after independence. Elementary Education has been expanded than ever before.

II. INNOVATION

Indians have done exceptional discoveries like zero. There is no value of single zero but the value placed behind another integer is miracle. Phenomenal, isn't it? This is the power of innovation. Innovation is not always costly or extraordinary initiative; conversely, the spirit of



innovation lies in generating maximum value from a minimal input of rare resources. Sustainable and inclusive innovation depends on this. A mixture of unstable and compound factors including speedy exhaustion of the world's natural resources, increasing hopes, income gaps and the importance of increasing the living standards of millions of poor and deprived communities across the planet have placed a premium on the need for rapid, inclusive and effective innovation. Across the globe but especially in large countries like India, climbable innovation has become a remedy for removing social and economic challenges. With tardy progress there must be balanced solution of the problems. The success of humanity depends upon the use of creative potential of people.

III. INNOVATION IN EDUCATION

Innovation is necessary for qualitative and quantitative changes in education. These modifications are required to raise efficiency and enhance the quality and equity of learning opportunities. Although education accepts change for raising its quality but there is no improvement in productivity, efficiency, quality and equity like other sectors because of lack of use of proper technology. Innovation in society can be promoted through education by developing the right skills to support it. By appropriate teaching and practices, critical thinking and creativity can be promoted. Smart innovation strategies should be developed by the government for education. The level of education is going to be increased with the use of digital technologies. In reality, individuals in education systems are getting benefits from new technologies. Those people are not on the path of progress because of lack of use of technology. Digital skills generate a significant return in terms of employment, income and other social outcomes for those who have but set up barriers to better life opportunities for those without.

IV. INNOVATIVE TEACHING METHODS

1. Interactive lessons

Students are your innovative learners! One-way lessons are very traditional and sometimes exhausting for you and your students, so create an environment where students feel encouraged to speak up and express their ideas.

Students can join in-class activities in many ways, not just by raising their hands or being called out to answer. These days, you can find online platforms that help you make interactive classroom activities to save heaps of time and get all students to join instead of just two or three.



2. Using virtual reality technology

Enter a whole new world right inside your classroom with virtual reality technology. Like sitting in a 3D cinema or playing VR games, your students can immerse themselves in different spaces and interact with 'real' objects instead of seeing things on flat screens.

Now your class can travel to another country in seconds, go outer space to explore our milky way, or learn about the Jurassic era with dinosaurs standing just meters away.

VR technology may be costly, but the way it can turn any of your lessons into a blast and wow all students makes it worth the price.

3. Using AI in education

AI assists us in doing so much of our work, so who says we can't use it in education? This method is surprisingly widespread these days.

Using AI doesn't mean it does everything and replaces you. It's not like in the sci-fi movies where computers and robots move around and teach our students (or brainwash them).

It helps lecturers like you reduce their workload, personalise courses and instruct students more efficiently. You probably probably use many familiar things, such as LMS, plagiarism detection, automatic scoring and assessment, all AI products.

4. Blended learning

Blended learning is a method that combines both traditional in-class training and high-tech online teaching. It gives you and your students more flexibility to create effective studying environments and customise learning experiences.

In the technology-driven world we live in, it's hard to neglect powerful tools like the internet or e-learning software. Things like video meetings for teachers and students, LMS to manage courses, online sites to interact and play, and many apps serving studying purposes have taken the world.

5. 3D printing

3D printing makes your lessons more fun and gives students hands-on experience to learn new things better. This method takes classroom engagement to a new level that textbooks can't ever compare.



3D printing gives your students real-world understanding and ignites their imaginations. Studying is much easier when students can hold organ models in their hands to learn about the human body or see models of famous buildings and explore their structures.

6. Use the design-thinking process

This one is a solution-based strategy to solve problems, collaborate and spark students' creativity. There are five stages, but it's different from other methods because you don't have to follow a step-by-step guide or any order. It's a non-linear process, so you can customise it based on your lectures and activities.

7. Project-based learning

All students do work on projects at the end of a unit. Project-based learning also revolves around projects, but it allows students to solve real-world issues and come up with new solutions over a more extended period. PBL makes classes more fun and engaging while students learn new content and develop skills like researching, working independently and with others, critical thinking, etc. In this active learning method, you work as a guide, and your students take charge of their learning journey. Studying this way can lead to better engagement and understanding, spark their creativity and promote lifelong learning.

8. Inquiry-based learning

Inquiry-based learning is also a kind of active learning. Instead of giving a lecture, you start the lesson by providing questions, problems or scenarios. It also includes problem-based learning and doesn't rely much on you; in this case, you're more likely to be a facilitator rather than a lecturer.

Students need to research the topic independently or with a group (it's up to you) to find an answer. This method helps them develop problem-solving and research skills a lot.

9. Cloud computing teaching

The term can be strange, but the method itself is familiar to most teachers. It's a way to connect teachers and students and allow them to access classes and materials from thousands of miles away.

It has a lot of potential for all institutions and educators. This method is easy to use and cost-saving, secures your data, allows students to learn distance, and more.



It's a little different from online learning in that it requires no interaction between lecturers and learners, which means that your students can learn anytime and anywhere they want to finish the courses.

10. Flipped classroom

Flip the process a little bit for a more exciting and effective learning experience. Before classes, students need to watch videos, read materials or research to have some basic understanding and knowledge. Class time is devoted to doing the so-called 'homework' typically done after class, as well as group discussions, debates or other student-led activities.

This strategy centres around students and can help teachers better plan personalised learning and evaluate students' performance.

V. CONCLUSION

Any teaching method without destroying the objective could be considered as innovative methods of teaching. There searchers believe that the core objective of teaching is passing on the information or knowledge to the minds of the students. There are a number of ways that teachers can bypass the system and offer students the tools and experiences that spur an innovative mindset. Education is a light that shows the mankind the right direction to surge. The purpose of education is not just making a student literate but adds rationale thinking, knowledgeable and self-sufficiency. When there is a willingness to change, there is hope for progress in any field. Creativity can be developed and Innovative teaching and learning benefits both students and teachers.

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