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The New Renaissance of Learning: Where AI Meets Insight

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Abstract

Artificial Intelligence, Education, Teaching-Learning Process, Technology Integration, Human Intelligence, Critical Thinking, Experiential Learning, Indian Knowledge System In today's time Education is at a crossroads where diverse ways are awaiting to be explored, Education today, like Roman God Janus looks at the traditional way of getting education as well as the knowledge pouring fourth from AI. The way humans learn is evolving due to artificial intelligence. This has its pros and cons. On the one hand, people can now learn in fascinating ways through technology. However, it is also impairing people's capacity for independent thoughts and patience. Thus, the future of education lies in harmonizing AI with human insight. A perfect amalgamation of both may bring exceptional outcomes.

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Introduction

Teachers are in a challenging situation and are trying to figure out how to use technology to support learning while adapting to evolving educational needs. It is a fact that technology cannot replace humans but to keep abreast of the times, humans have to embrace technology to match with the current vibes of global educational changes. This article discusses my opinions on this matter. My aim is to strike a balance between utilising technology in education and maintaining human interaction in the classroom alive.

I've been a teacher for more than thirty years. I believe that education is a perennial source of knowledge which empowers the seeker and is not limited to walls of classrooms. It is beyond a set of instructions and involves vistas for students. It involves people conversing with one another, discussing and exchanging ideas. Curiosity, inquiry and desire to explore are the fuels which set blaze the fire of seeking education passionately.

Things are now shifting with a greater pace. Artificial intelligence is assisting students in finding solutions instantly, and it is like a magical wand leading them to charming lanes where they are getting support in million ways. At the mere press of keys, all assignments are done and the culture of copy and paste is the new trending support system. This is a shift, and it raises the profound question: Is quick availability is by

passing the brainstorming and trials and errors in the pursuit of learning? Critical and creative thinking play a crucial role in learning process and they remain far more important than merely learning how to respond to questions.

We must consider this. Helping pupils learn and develop is the goal of teaching, not merely imparting knowledge. We must strike a balance between utilising technology and maintaining human interaction in the classroom. An amalgamation of both may prove to be a catalyst in achieving new dimensions. AI is multifaceted and its USP is customized knowledge as per the requirement and neurodiversity of the pupil. In today's time, AI is also playing the role of a mentor, guide and friend. The students feel free to ask anything, and they get response at the blink of their eyes. This instant availability of knowledge and information is adding charm but on the contrary, it is making them dependent and mentally enslaved.

The Student in an Era of Quick Responses

In the recent past, learning involved reflecting upon a given question or assignment for some time. Brainstorming formed an essential part in the process of teaching-learning. Thereafter, one would search for a solution after an endless string of trials and errors. But now one can get an answer from artificial intelligence in a few seconds. Today however,

answers are available instantly through AI. While this immediacy is undoubtedly very practical, tempting and luminous but beneath its sheen, there is dependability and a threat to independent thinking.

It is the process of learning, what makes learning valuable. Learning flourishes on inquisitiveness, courage to attempt problems without the dread of making mistakes. If this important phase gets by passed, the spontaneity and depth of learning will be compromised.

Being accustomed to quick response, the students are developing impatience and an aversion to the traditional way of investing long hours and accomplishing the work. Erosion to the independent thinking and gradual devastation to the natural process of delving deep into the problem is a threat for students, as it is leading them to a habit of compressed time of getting responses to their inquiry.

Artificial Intelligence: A Friend, Not a Replacement

Artificial intelligence is an extremely useful repository of information. It has been witnessed how it can make education engaging and dynamic, opening many folds ways of accomplishing tasks. It has the potential to convert dull assignments into the impactful ones, however, the intervention and guidance of a teacher will continue to play a vital role. Role of a teacher extends beyond imparting knowledge to encompass empathy and guidance.

The chapters and the different assignments/projects can be wonderfully customised for the better teaching- learning outputs. However, despite its ability to transmute teaching-learning modules, the indispensable role of a teacher can't be denied. Artificial intelligence is a wonderful tool-like a genie for us that works with our commands and elevates the quality of assignments but it should be treated as a consultative tool and it must work in complement and supplement to, rather than replacement of a teacher.

We can seek information from artificial intelligence and can also get to know several ways to accomplish the work and explore multiple pathways for accomplishing the given assignments but human touch will always remain inevitable. Artificial intelligence must be used and consulted as it provides immense diversions to the assignments we are working but the central figure of a teacher can never be erased.

Teacher- a Central Figure

At the centre of heart of every purposeful learning stands the teacher-an architect and the sculptor of his capabilities and potential. A teacher is not merely someone who imparts information; they are a guide, a facilitator, a patient listener and a motivator. The significance of Guru-Shishya Parampara can never be undermined; the teacher's Midas touch will always remain far-reaching.

We need to make sure that teachers have the time, access to technology and resources to perform their roles effectively. We need to give them the freedom to use technology in a way that helps students learn without replacing the human touch. AI can bring miraculous results if combined judiciously with the mainstream process of giving lessons.

Moving Towards a Reflective Future in Education

In the evolving landscape of education, the focus must shift from mere transmission of knowledge to deep comprehension over rote learning. Future pedagogical approaches should prioritize meaningful engagement of the learner rather than passive receiver. By altering some of the teaching approaches

using AI, the new creative path of learning can be developed, one that involves ethical reasoning, understanding and emotional intelligence.

The futuristic vision of Education should focus on

- Helping students to comprehend rather than merely engaging them in mundane memorization.
- Incorporating inquiry based, experiential and collaborating learning.
- Teaching students how to use technology and how to do meaningful prompting which is as important as traditional teaching.
- Adopting 'Fear to friend' approach which will infuse confidence and trust.

A Self-Reflection: Connecting Innovation and Tradition

As a teacher, I've always made an effort to strike a balance between new technology and instructional strategies. My goal is to make education enjoyable, engaging, and significant and to foster a lifelong love of learning in my students. I believe that AI can prepare the roadmap but actual walking, let the students do. Giving pupil's answers is only one aspect of education; another is teaching them how to think, feel, and comprehend. Technology must be used in a way that supports learning without taking the place of human touch.

In the history of education, this time can be regarded as a renaissance. Much like renaissance that revived art, culture and human perception, artificial intelligence is infusing new life into learning by blending creativity with dynamic possibilities. The way humans learn is evolving due to the intervention of artificial intelligence. However, how we use it, must be carefully considered. We must never forget that personal interaction is indispensable force in education and it must be treasured and cherished.

Conclusion

Teachers and technology are not mutually exclusive, both are indispensable for the future growth. When the flame of Artificial intelligence, gets the expertise and wisdom of the educators, it burns with purpose, illuminating the path of teaching-learning process. Conceptual clarity, with understanding deeply, getting updated information with Indian knowledge system, and getting used to instant answers while being the expert in fast understanding, is the art which the student have to expertise. Let AI assist us, but let educators lead the way and make information available to pupils. Let children develop their ability to think, feel, and comprehend as well, while using AI. Let AI act as a torch bearer in navigating the route of learners by safeguarding the basic elements of learning process. It is the teacher who lends soul and direction to the universe of information which is unfolded by AI.

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