

{CODE IT}

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THEME: ARTIFICIAL INTELLIGENCE

EDITORIAL

Artificial intelligence (AI) is intelligence demonstrated by machines, as opposed to the natural intelligence displayed by animals and humans.

The term "artificial intelligence" had previously been used to describe machines that mimic and display "human" cognitive skills that are associated with the human mind, such as "learning" and "problem-solving". This definition has since been rejected by major AI researchers who now describe AI in terms of rationality and acting rationally, which does not limit how intelligence can be articulated.

AI applications include advanced web search engines (e.g., Google), recommendation systems (used by YouTube, Amazon and Netflix), understanding human speech (such as Siri and Alexa), self-driving cars (e.g., Tesla), automated decision-making and competing at the highest level in strategic game systems (such as chess and Go)

Happy Coding!

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GUEST ARTICLE

by **Dr. Bhartesh Shah**

Artificial Intelligence in Education has become a hot topic because it changes how we learn quickly. So what does this mean for children? Is there any shift for children due to AI being incorporated into their learning process? Artificial Intelligence in education has the potential to be a game-changer for every child. Many schools are already using AI across the country, and you must know how AI can benefit your child.

How AI is Affecting Education

Technology has always played an important role in education, but its current use is more prevalent than ever thanks to the increased availability of smart devices and web-based curriculum. With the rise of Artificial Intelligence in education, there are many different ways it is being used to help students learn. Here are a few technologies with AI that are already affecting and will affect education in every way:

Chatbots

Chatbots are one example of AI educational apps that students might use soon. These are being increasingly implemented into classrooms where kids use iPads or laptops to chat with bots designed to help them understand specific topics such as math or reading comprehension.

Virtual Reality (VR)

One recent innovation in education is virtual reality, which is being used for everything from teaching history to helping students with math skills. Virtual Reality is a three-dimensional computer-generated environment that people can explore and interact with. VR educators are finding new ways to integrate experiential learning into their classrooms, truly shaping what it means to be a student.

Challenges

The challenge of learning how to use technology is for the students and the teachers. In most cases, the problem is that teachers are not being trained on how to use the new technology in their classrooms. As a result, they have to figure it out themselves or find someone they already know. Teachers need help in understanding how these tools can be used in order to provide students with an engaging learning experience.

Advantages and Disadvantages of AI in Education

However, the pros and cons of AI in education are not so black and white. There are advantages to both sides, but there are disadvantages to each side as well. AI is replacing humans in an increasing number of fields, including education. It's not just teaching but also grading papers, writing essays, and making recommendations to students about what they should study next. The question is: should it be?

Advantages

Artificial Intelligence in education is a very controversial topic right now. People are torn on whether or not AI should be used to educate students. Many people argue that AI will replace teachers and take away the human element of education

Disadvantages

However, there are some negative aspects to Artificial Intelligence in education as well. A robot might not be as good a teacher as a human can be. The disadvantage of AI in education is that technology may not always be successful in teaching. AI does not experience emotions.

Teacher and AI Collaboration

AI has already been applied to education primarily in some tools that help develop skills and testing systems. As AI educational solutions continue to mature, the hope is that AI can help fill needs gaps in learning and teaching and allow schools and teachers to do more than ever before.

Automate admin tasks

An educator spends a tremendous amount of time grading homework and tests. AI can step in and make quick work out of these tasks while at the same time offering recommendations for how to close the gaps in learning.

Tutoring and support outside the classroom

Ask any parent who has struggled to help their teenager with algebra, and they will be very excited about the potential of AI to support their children when they are struggling at home with homework or test preparations.

Conclusion

AI will benefit parents who are always concerned about their children's social life. AI technology allows them to monitor their child's interaction online more closely than ever before. Schools use software that analyses data points such as how well different students comprehend material; then groups kids accordingly based on what they need. AI brings the ability to have 24/hr access to teachers and lessons anytime, anywhere. AI can be used as an educational tool that guides students towards their goals by providing personalised feedback on homework, quizzes etc., based on AI algorithms. Artificial Intelligence has the potential to make everyone's life easier through automation as it can do menial tasks, so you don't need to spend time doing mundane activities like organising emails or finding files. The future of education is here! AI is a crucial driver for change in education. There are so many benefits of AI. Every student will have equal access no matter their learning ability or disability; this makes a massive difference since not all children learn at the same pace or possess similar skill sets. With the help of AI, students can make their future bright.



Dr. Bhartesh Shah is a renowned educationist. He is associated with various educational and social organizations as a mentor, advisor, trustee, and chairman.



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NEWSROOM



JET STAR NIGHT 2022

Jain Education Trust (JET), Jamnagar has organized JET STAR NIGHT 2022 on this Teacher's Day, Sept. 05, 2022 (Monday), at AC Banquet hall, Oshwal Center, Jamnagar. The objective of the event is to **Salute** our National Heroes, Pay **Tribute** to the Heroes of Jamnagar, **Appreciate** supporters and Well-wishers, & **Recognize** the efforts of the team. By this **STAR** is formed. Jain Education Trust believes that gratitude can transform common days in to an occasion, turn routine tasks into a joyful experience, and change ordinary opportunities into blessings.

Vague Foundation team has attended the function. The function was followed by delicious networking dinner.



TRENDS - ARTIFICIAL INTELLIGENCE

GOOD TWITTER HANDLES



GOOGLE AI



OPEN AI

SCAN THESE QR-CODES TO GO

GOOD VIDEO TO SEE



GOOD BLOG TO READ



AI BASED VIRTUAL ASSISTANTS

UTILITY / DEVICES



ALEXA (AMAZON)

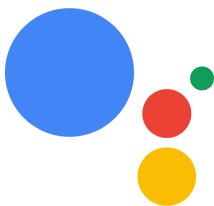


GOOGLE HOME



MIKO (HAMELYS)

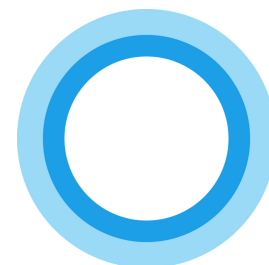
MOBILE BASED S/W



GOOGLE ASSISTANT



SIRI (APPLE)



CORTANA (MICROSOFT)

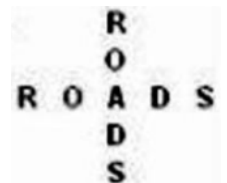
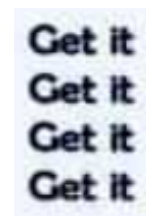
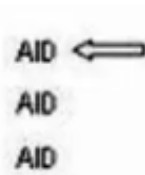


GREY MATTER

SUDOKU

5	3			7				
6			1	9	5			
	9	8					6	
8				6				3
4			8		3			1
7				2				6
	6					2	8	
			4	1	9			5
				8			7	9

Rules: (i) Each row and column must contain the numbers from 1 to 9, without repetitions. (ii)The digits can only occur once per block



REBUS PUZZLE

A rebus is a puzzle device that combines the use of illustrated pictures with individual letters to depict words or phrases. Rebus Writing can be a really helpful tool to incorporate into lessons at school, particularly those teaching Phonics. Because the Rebus principle focuses on pictographs representing single words, sounds and syllables, it can help children get to grips with specific phonemes they need to know and lateral thinking among students. Example:



Cutting Edge

INVITATION & ANNOUNCEMENT

Theme based articles / essays are invited from the students and faculty members for the Upcoming Issue of "Code-IT". The theme of next issue is **Cyber Security**. Selected articles will be published in this newsletter and e-certificate will be given to the author(s). Authors can submit their article with photograph on vaguefoundation@gmail.com on or before **30/11/2022**.

Important Instructions:

- The article must be of 300 to 500 words.
- The article must be original (if taken from other website/material, please mention the source).

Publisher



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