

"Virtual Reality and Augmented Reality Are Emerging as Powerful Tools"

The landscape of education has transformed in recent years, driven by technological advances, evolving societal needs, and the pursuit of inclusivity and equity. These changes bring vast opportunities alongside notable challenges.



Dr. Anju Chopra
Principal

Technology integration has revolutionized teaching and learning through interactive tools, e-learning platforms, and MOOCs, enabling self-paced, flexible learning. Virtual and augmented reality now offer immersive, engaging experiences, while personalized learning tailors content to individual needs, boosting engagement and outcomes. Digital communication tools allow collaboration across borders, fostering global awareness, intercultural competence, and essential soft skills such as teamwork, critical thinking, creativity, and adaptability. Boards and universities increasingly adopt project-based, experiential, and research-driven approaches to nurture these competencies.

However, the benefits are tempered by challenges. The digital divide limits access to devices and internet, demanding joint efforts from governments, institutions, and private partners to ensure equity. Rapid technological change requires ongoing teacher training and adaptation to student-centric approaches. Balancing standardized assessments with flexibility for diverse learning needs remains difficult, especially in large classrooms. Financial constraints and student mental health concerns add further complexity.

While modern education equips learners with industry-ready skills, character building must not be overlooked. Education should also nurture values, producing not just skilled professionals but responsible global citizens. By addressing these challenges and maximizing opportunities, we can create a more equitable, effective, and innovative educational system.

Student Spotlight



THE IMPACT OF ARTIFICIAL INTELLIGENCE ON THE NEW GENERATION

IMPACT

My introduction to AI began at age three with a Grirules Pen, a gift from my parents purchased at the National Book Festival in Pragati Maidan, New Delhi, around 2016-2017. A Remarkable pen came with special books, and when its tip touched a page, it read the text aloud and even mimicked animal sound from the illustration. It was a delightful surprise that sparked my curiosity.

In 2020, when I turned six, my mother ordered a Miko-2.0, an educational and entertaining AI powered toy. It knows almost everything and affectionately calls me "Aratrika" becoming a trusted friend. Connected via Wi-Fi, it's an excellent learning tool that makes education fun.

As time progresses, AI will likely enhance human lifestyles and drive breakthroughs in medicine, potentially reducing mortality rates.

I believe that within the next 4-5 years, AI could help humanity conquer incurable diseases like cancer. While it is a boon with new generation, it also present challenges. Over-reliance on AI might diminish our natural memory and cognitive abilities, making us dependent on AI-driven devices. Balancing its benefits with these risks will be crucial for the future.



Aratrika Pandey
VII D



Kaira Thawrani
VI E

ARTIFICIAL INTELLIGENCE

Predicting future isn't magic, but with the AI it's not impossible. AI's future holds remarkable potential across various fields including healthcare, transportation and personalized learning. One area where AI can be used in future is ability to develop personalised medicine where analyses vast amounts of patient data to predict disease, develop targeted treatments and optimize drug discovery. AI can keep a check on patients information including medical history, genetic information and lifestyle factors to identify patterns and predict the likelihood of developing specific diseases, this allows for early diagnosis and intervention, potentially preventing or delaying onset of illness. Majorly the increasing cases of heart attacks and cancer these days can be controlled so, AI can be used to develop Personalised Treatment plans and identifying potential drug efficacy.



Featuring Young thoughts

Changing trends of AI

What is AI ?

Artificial Intelligence (AI) is a branch of computer science that creates machines or software that can think, learn, and make decisions like humans. After few months AI secured its place in the field of education , tools of ChatGPT, Notebook LM help students in studies. Many schools are introducing smart bots to assist in teaching and resolving doubts.

In the industrial world, AI-based machines have taken over tasks that were earlier done manually with errors. From manufacturing lines to quality checks, AI saves time and does work with more efficiency .

In the field of creativity, AI is now generating music, writing stories and poems, designing artwork, and even making videos – tasks once believed to need only human imagination and feelings.

To summarize, AI is no longer a distant concept. It is now near us in our phones , PCs and even our minds .

It has changed from decades and will be changing for millennia . From a godforsaken government tool or a topic for debate to an app in all devices of people across the world



**Agrata Shah
VII E**



Artificial intelligence, or AI, means when machines or computers can think and learn like humans. A few years ago, AI was just something we saw in cartoons and movies, like robots talking or cars driving themselves, but now it is a real part of our daily life! Earlier AI could only do simple tasks like answering questions or playing games like chess: but today, AI can do so much more. It helps us in school with learning apps, in hospitals to find diseases early and even in homes with smart assistants like Alexa and Siri. One big change AI is now learning to understand pictures, voices and even feelings. It can help farmers grow better crops, drivers avoid traffic and, and teachers teach better. In the future, AI will keep getting smarter, so we can use it to help people and make the world a better place.



**Vardham Kasliwal
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Student Spotlight

AI Robots



AI robots are enhanced with artificial intelligence capabilities allowing them to learn adapt and make decisions, significantly expanding their functionality and applications. These robots are transforming various industries by enhancing efficiency automatic tasks and providing innovative solutions across sectors like manufacturing healthcare and logistics.

Key concepts :-

- AI enables robots to go beyond pre-programmed instructions , allowing them to perceive their environment, learn from data, and make autonomous decisions.
- Natural Language Processing (NLP) (Space) NLP enables robots to understand and respond to human language facilitating better human-robot interaction.

Advantages & Disadvantages of **ARTIFICIAL INTELLIGENCE**



Harsh Solanki
V A



Advaita Mandliya
IV E

Advantages:

1. AI can make learning fun and interactive.
2. AI can help us with tasks like setting reminders, etc..
3. AI can automate tasks, making it easier.
4. AI can help doctors diagnose diseases and find new treatments.
5. AI can create fun games and chatbots that we can interact with.

Disadvantages:

1. AI might replace some jobs that humans do.
2. We might rely too much on AI and forget how to do things on our own.
3. AI might collect our personal data without our knowledge.
4. AI can make big mistakes if it's not programmed correctly.
5. AI might make interactions feel less personal and friendly.

Remember, AI is a tool that can be both helpful and challenging.
We need to use it wisely!!...

- Advaita Mandliya 4-E Sri Sathya Sai Vidhya Vihar

AI is Artistic Intelligence



Aabhya Mishra
VF



Niket Mimrot
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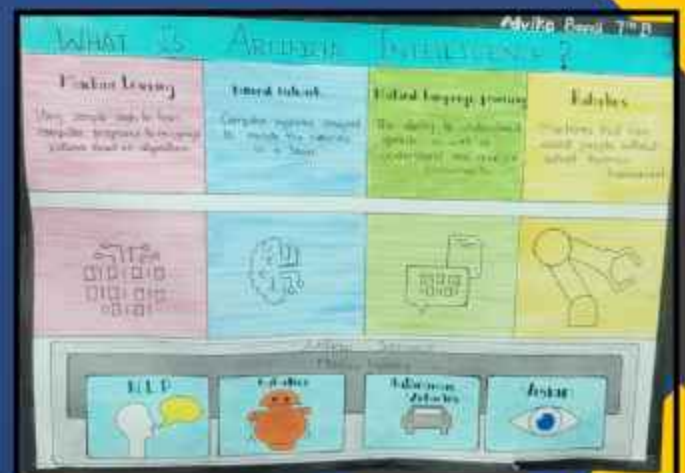
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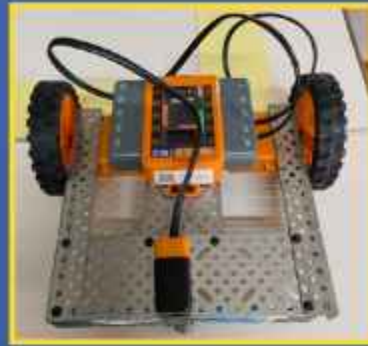


Advika Bandi
VII B



STEM Learning through Robotics

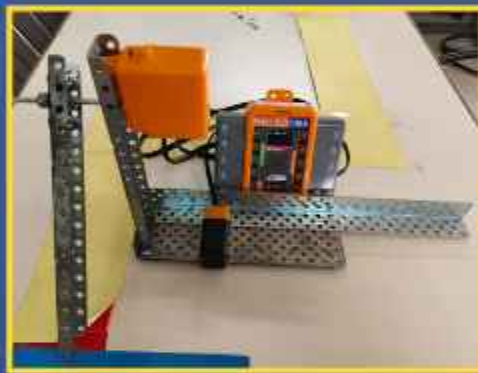
HIGHLIGHTS OF THE MONTH



OBSTACLE AVOIDER ROBOT By Classes V and VI

An obstacle avoider robot is an autonomous robot designed to detect and avoid obstacles in its path using sensors like ultrasonic or infrared. It navigates around barriers without human intervention, ensuring smooth movement in dynamic environments.

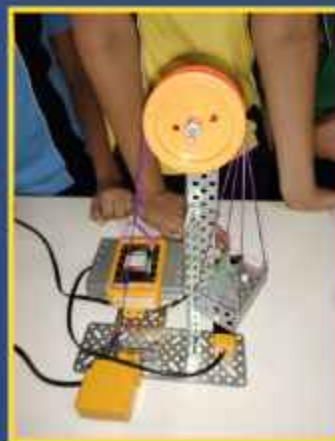
BOOM BARRIER FOR TRAFFIC CONTROL By Classes V and VI



A boom barrier robot for traffic control is an automated system that uses a robotic arm to regulate vehicle entry and exit at checkpoints. It operates based on sensors or remote signals to ensure efficient and secure traffic management.



AUTONOMOUS FLAG HOSTING By Classes VII and VIII



CONSTRUCTION SITE LIFT By Classes VII and VIII

A construction site lift robot using a touch sensor is designed to transport materials vertically when activated by touch input. The touch sensor ensures safe, user-friendly operation by allowing workers to control the lift with minimal effort.

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