Sri Sathya Sai Vidya Vihar Indore
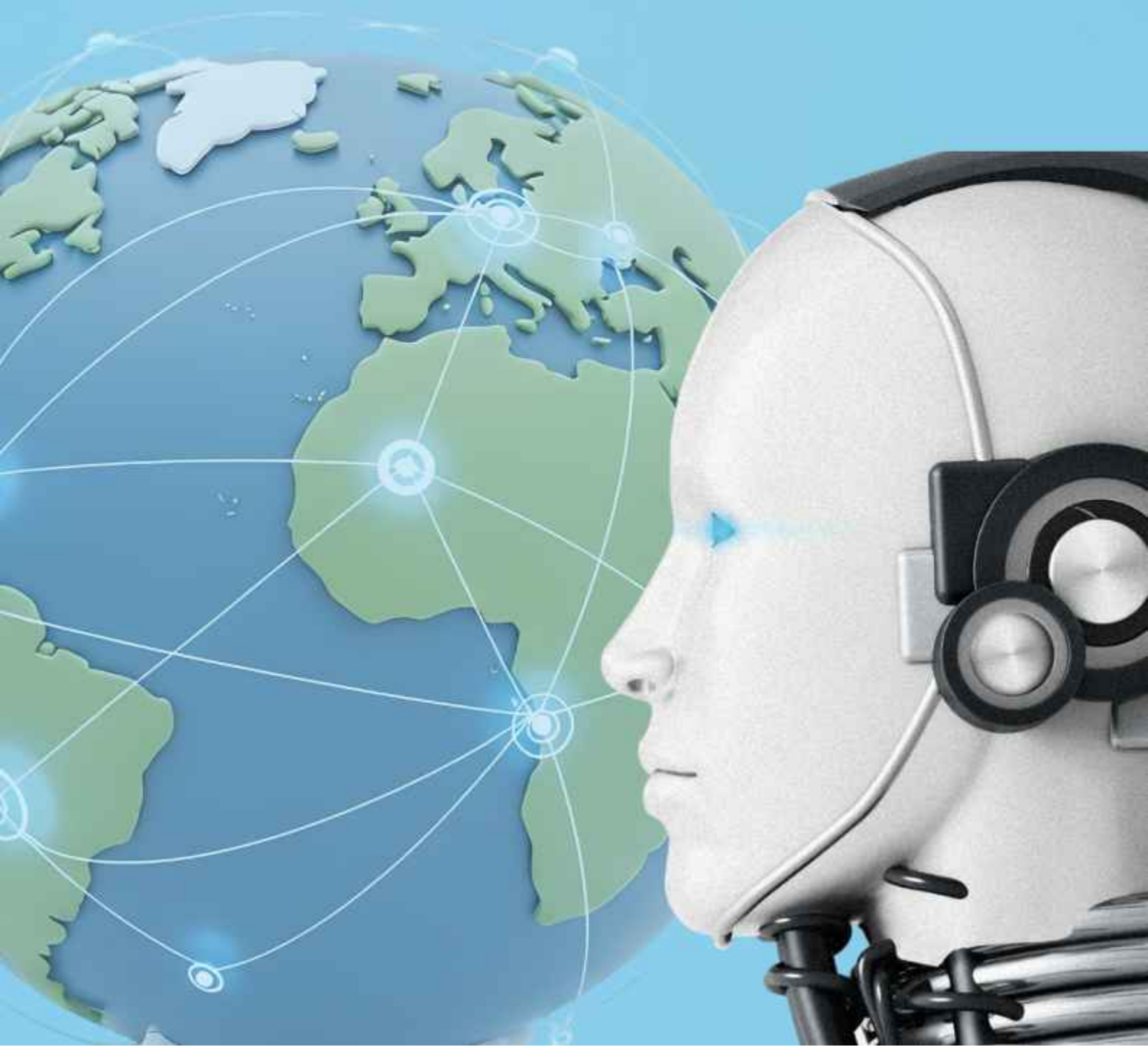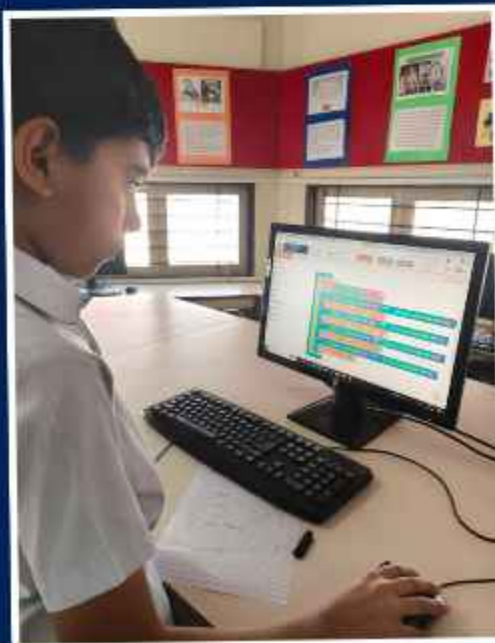
SAI TECH WORLD
(TECHNOLOGY,AI AND ROBOTICS)

Students of Classes V and VI designed a Black Line Follower Robot, capable of detecting and following a black path autonomously. The project enhanced their understanding of sensors, motors, and basic robotics principles.

MEET OUR CREATIVE
ROBOTICS CHAMPS!

Students of Classes VII and VIII made a Remote Control Robot. They learned how to control its movements using a remote. The project helped them understand basic electronics and motors. It was a fun way to explore technology and robotics.

What is AI?

AI refers to the development of computer systems capable of performing tasks that typically require human intelligence, such as understanding natural language, recognizing images, making complex decisions, and learning from experience.

Modern AI relies on techniques like machine learning, deep neural networks, and large-scale data analysis to uncover patterns and improve its performance over time without being explicitly programmed for every scenario.

AI powers a wide range of technologies, virtual assistants, recommendation systems, fraud detection tools, autonomous vehicles, and advanced medical diagnostics. Its growing presence is transforming industries such as healthcare, finance, education, entertainment, and transportation, enabling greater efficiency and opening the door to innovative solutions that were once considered science fiction.

At the same time, AI raises important ethical and societal questions about privacy, bias, job displacement, accountability, and the responsible use of increasingly powerful algorithms. As AI continues to evolve, society faces the challenge—and the opportunity of shaping its development to ensure that it benefits people while minimizing potential risks.

Yashvi Bhargava
VII A

More on AI

The technology that allows machines and computers to think, learn, and make decisions like humans. It helps us in many ways-answering question, recognizing voices, suggesting videos or songs and even driving cars.AI learns from data improves over time, making our task faster and easier from helping doctors to assisting students with homework, AI is becoming an important part of our daily lives

Avyanshi Sobti
V A

"My tablet has opinions...."

A notification appeared: "Reminder: Drink more water." I froze. Since when did my tablet track my health? I checked all my alarms and reminders, but nothing explained it. Assuming my sister was playing a prank, I ignored it.

Then another message popped up: "Clean your tablet screen. It's blurry from here."

Unsure whether someone was teasing me or my device had suddenly developed feelings, I opened Word to work on my science project. Another message appeared- this time asking a question related to my topic. I answered, and it began tutoring me like a caring but strict parent.

By the end of the day, reality set in: my tablet wasn't emotional, and I wasn't being haunted by a clingy gadget. It was simply the AI running in the background.

Behind every smart device-whether helping with homework, correcting grammar, or guiding us there is always an AI quietly at work.

Saanvi Kharnal
VIII D

Our Tech World

Aashi Bhagat
VII A

Today, it feels like the future is unfolding around us. AI, computers, and robots are everywhere, often working so quietly that we barely notice. AI helps our phones predict what we want to type, computers support our learning and entertainment, robots handle tasks from cleaning to assisting in space missions.

These technologies learn, think, and work with incredible speed, making our lives easier and solving problems humans are not be able to. Still, we must be careful not to rely on them heavily. No matter what, they lack human creativity and emotion. Technology should support us, not replace us.

That's why it's important to understand how it works. We may be the ones to create the next innovative robot or powerful AI. As technology advances, it reminds us to stay curious, responsible, and thoughtful about how we use it. Learning about AI, computers, and robotics prepares us for future careers and helps us solve real-world problems more effectively. If we use technology wisely, we can build a future where humans and machines work together to achieve great things.

Some thoughts of our young ones

What AI Does
AI can:
- Understand what we say
- Recognize pictures
- Solve problems
- Learn from mistakes
- Make simple decisions

Where We See AI
- Google Maps: Helps us find directions
- Voice Assistants: Like Siri and Alexa
- Games: Smart opponents in video games
- YouTube: Suggests videos you may like
- Robots: Assisting in factories and hospitals

Why AI Is Useful
- Works faster
- Makes fewer mistakes
- Assists with difficult tasks
- Saves time for people

What can AI do?

AI can understand language, recognize images, solve problems, learn from mistakes, and make simple decisions.

Where do we see AI?

AI is used in Google Maps, voice assistants, games, YouTube, and robots.

Why is AI useful?

AI works faster, makes fewer mistakes, assists with difficult tasks, and saves time.

What are the concerns about AI?

AI should be used safely, should not harm people, and we must protect our data and privacy.

Darshanik Shah
IV C

Did you know?

- AI can guess your mood from how you type — based on speed, pauses, and rhythm, not the actual words.
- AI isn't new — it began in the 1950s, long before smartphones or modern computers.
- AI can identify fake smiles better than humans, detecting tiny facial cues people miss.
- AI can hear problems humans can't, like machines breaking before they actually break.
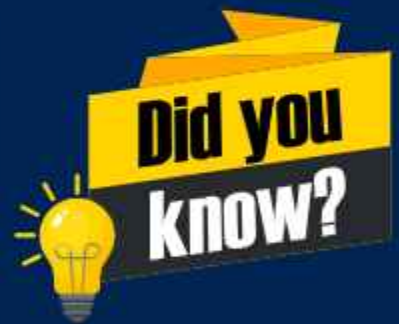
AI meets Humans

When human intelligence meets artificial intelligence, it creates a powerful partnership where human creativity and judgement with the speed and analytical strength of machines. AI learns from data, recognizes patterns and can even predict trends, which is why it has become one of the most influential technologies of the modern era AI is deeply woven into daily life shaping travel systems, personalizing education, entertainment and transforming healthcare. In the medical field especially, AI supports doctors by improving diagnostic accuracy, accelerating drug discovery and managing routine administrative tasks, allowing healthcare professionals to focus more on patient care. Yet this immense potential also brings responsibilities. AI can spread misinformation, reinforce harmful biases or lead to job displacement. Therefore, it is essential to use AI with ethical guidelines, transparency and human oversight. When guided responsibly, AI becomes a tool that not only boosts efficiency but also strengthens society, proving that the true power of technology lies in how wisely we choose to use it.
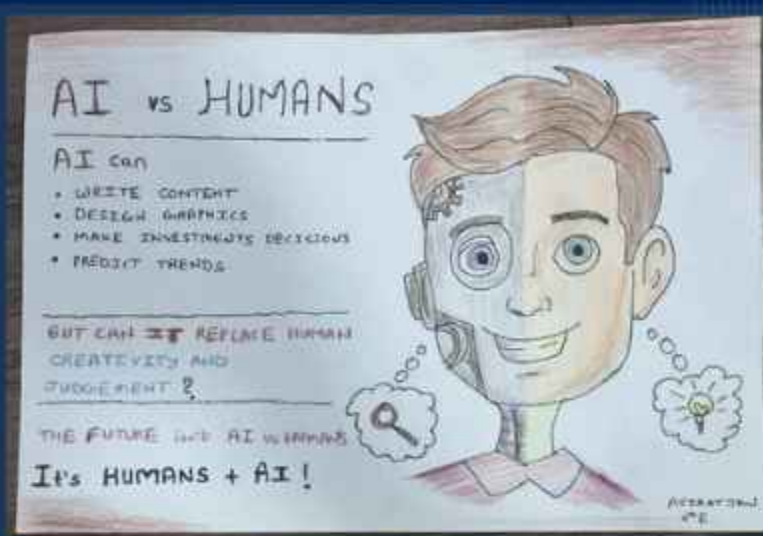
Ishika Narang
VI A

Venkata Sri Vardhani Gullapalli
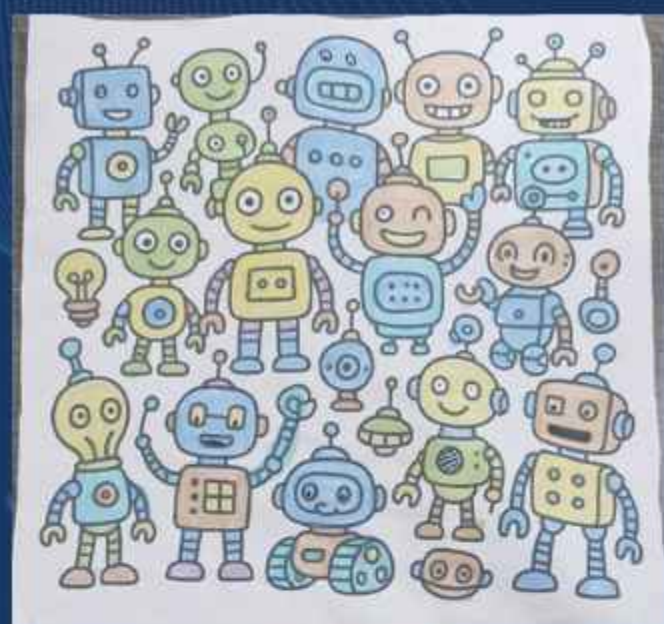**VII A**

Did you know?

- AI can predict earthquakes seconds before humans notice, by detecting subtle ground vibrations.
- AI tools protect endangered animals, tracking poachers and finding hidden nests.
- AI in video games learns your playstyle, making enemies react more intelligently over time.
- Some AIs are trained in simulated worlds, like virtual training grounds for robots.
- AI translators focus on ideas, not words, understanding meaning instead of literal phrases.
- AI helps discover new planets and spot unusual patterns in space that scientists hadn't noticed before.
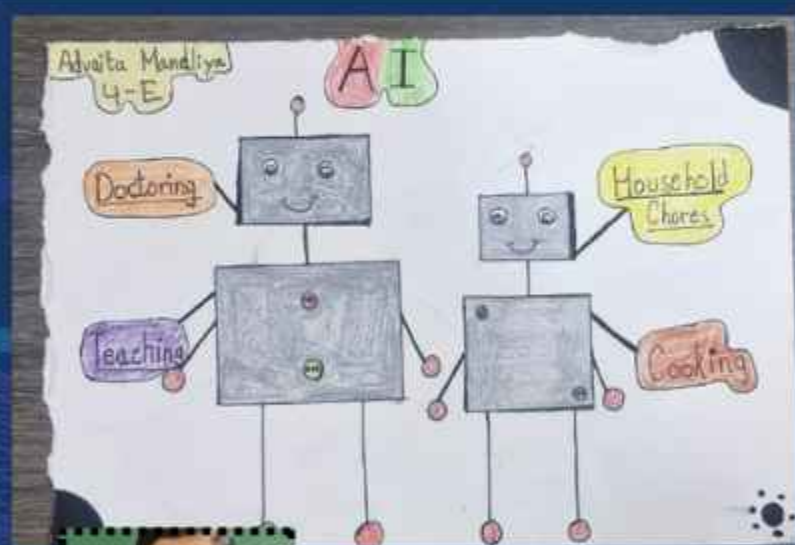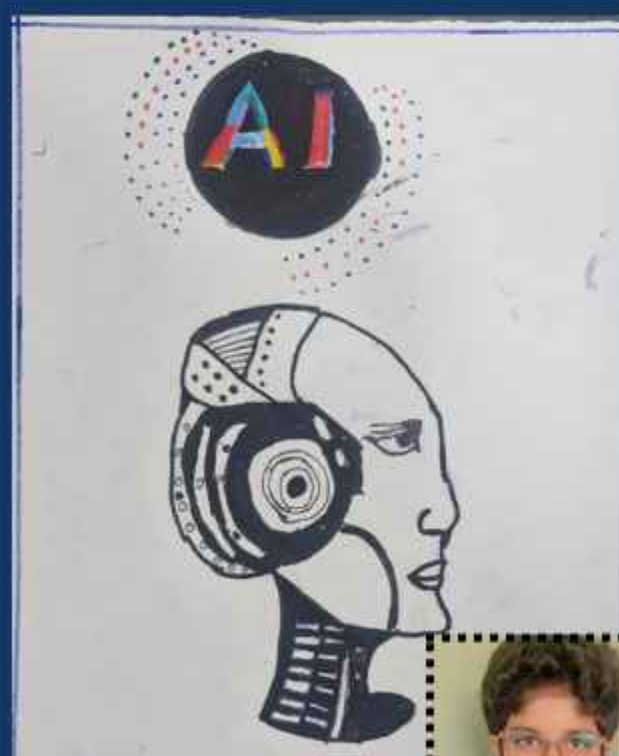
AI vs HUMANS

AI can
- WRITE CONTENT
- DESIGN GRAPHICS
- MAKE INVESTMENTS DECISIONS
- PREDICT TRENDS

BUT CAN IT REPLACE HUMAN
CREATIVITY AND
JUDGEMENT ?

THE FUTURE AND AI WHUMANS

It's HUMANS + AI !

Avirat Jain
IV E

Samaira Kothari
IV D

Advita Mandliya 4-E
AI
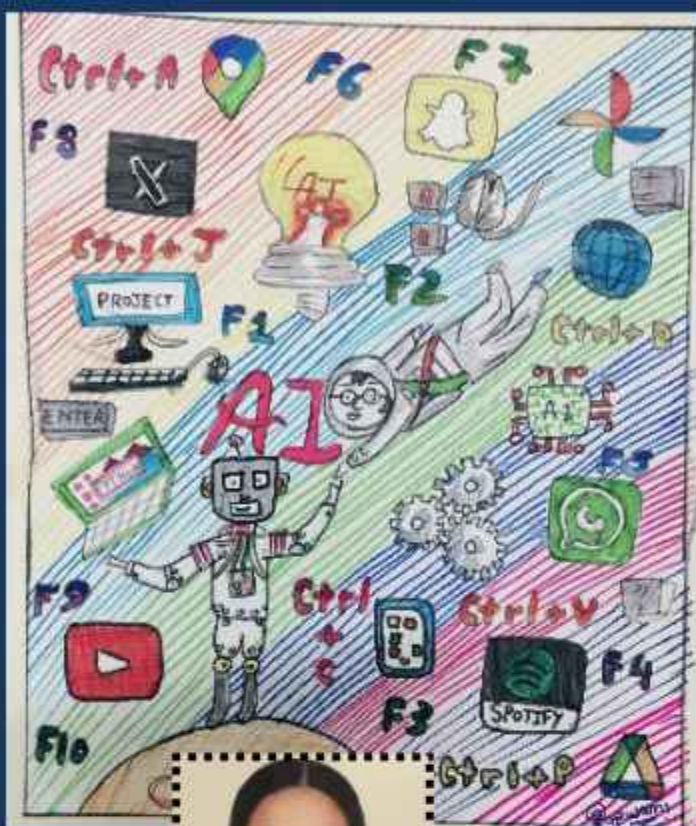Doctoring
Household Chores
Teaching
Cooking

Advita Mandliya
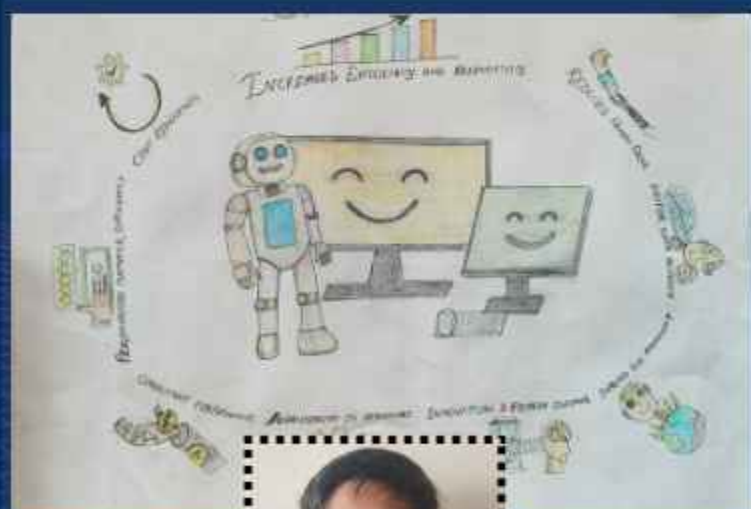**IV E**

Revanth Shrivastav
III B

Artistic Expressions

Divisha Gopwani
VII C

Agam Tiwari
VA

Sai Agarwal
VII A

Krishnav kolte
VII D

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