MANASAROVARA PUSHKARINI VIDYASHRAMA

PUSHKARINI NEWSLETTER

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Investiture Ceremony

“Leadership is the capacity to translate vision into reality.” – Warren Bennis. The new academic year at Pushkarini began with great enthusiasm through the vibrant process of selecting the student council. From teacher nominations to inspiring speeches, judgement, and voting – it was an exciting experience for all students. After careful selection, the new council was officially formed. The first formal event of the year, the Investiture Ceremony, was held on 2nd July 2025. More than a badge and sash ceremony, it was a celebration of nurturing future leaders. The nominees gave compelling speeches during elections, sharing their goals and dedication. The event was attended by esteemed guests, proud parents, teachers, and spirited students. The ceremony began with the lighting of the lamp by chief guest Lt. Col Sanjeev YK, joined by Swaroopini ma’am, Sudha ma’am, Harshida ma’am, and Susie ma’am. The most awaited moment followed – the conferring of badges and sashes to the new council. The march was led by Head Boy Tharan and Head Girl Unnathi, followed by Assistant Heads Amit and Padmini, and Prefects Vikram and Saumya. House leaders of Nilgiris; Nishcal, Divyanshi, Mrudul. Vindhyachal; Disha, Vishwajit, Aditi. Himachal; Aditya, Lokanath, Shreyas and Sahyadri; Diksha, Inchara, Amruth were introduced, along with Club Presidents and Secretaries. The ceremony reflected discipline, spirit, and pride. The oath-taking, led by the Principal, was conducted with solemn dignity. Lt. Col Sanjeev YK’s powerful speech inspired confidence and courage. Grade 6 performances brought colour and energy to the day. The event concluded with the national anthem, evoking deep pride for our nation.

By,
Abhignya Aghalayam
XI ‘A’


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HKARINI VIDYASHRAMA
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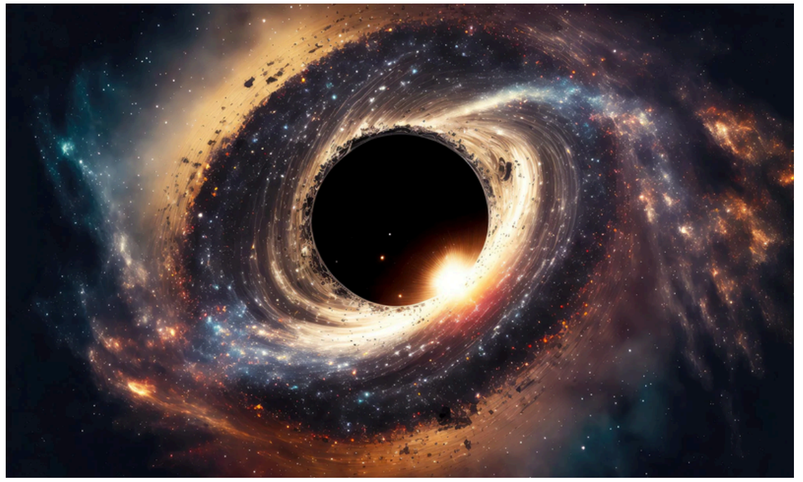
INTO THE VOID: UNRAVELLING THE MYSTERY OF BLACK HOLES.

Imagine a place in space where gravity is so strong, not even light can escape. Sounds like science fiction, right? But it's real. These mysterious regions are called black holes, and they're some of the most fascinating and puzzling phenomena in our universe.

So, what are black holes exactly? Well In simple terms, a black hole forms when a massive star runs out of fuel and collapses under its own gravity. This collapse creates an incredibly dense point known as its singularity, surrounding it is an invisible boundary called the event horizon. Once something crosses that boundary, there's no turning back . it's gone for good..

Despite their name, black holes aren't completely invisible. We can't see them directly, but scientists can detect them by observing how they affect nearby stars and gases.

on April 10, 2019, scientists made history by capturing the first-ever image of a black hole's shadow using the Event Horizon Telescope.



Black holes come in different sizes. Some are quite small and yet may weigh the mass of a mountain. But supermassive black holes? They are of colossal sizes .They can be millions or even billions of times heavier than our Sun. These monsters often sit at the centre of galaxies, including our own Milky Way.

The smallest known black hole, discovered in the binary system XTE J1650-500 and has a diameter for 24km and about 3.8 times the mass of our sun.

The largest black hole discovered, based on current observations, is TON 618, estimated to be 66 billion times the mass of our sun. It is classified as an ultra-massive black hole.

The first astronomical object widely accepted as a black hole was Cygnus X-1, discovered in 1971 by Paul Murdin and Louise Webster, and it's 10 times more massive than the Sun.

Black holes raise big questions. What happens inside one? Can anything survive? Do they connect to other parts of the universe? While we don't have all the answers yet, studying black holes helps scientists explore the edges of physics, space, and time.

By,
Deepthi Lokesh,
XI 'A'

SUSTAINABLE LIVING: WHAT CAN STUDENTS DO?

"The earth does not belong to us; we belong to the earth." - Marlee Matlin.

Sustainable living is the practice of making small decisions to change our daily lifestyle in a way that reduces our carbon footprint. As students, who are part of a large school community, there is much we can do to ensure our role in moving towards a greener lifestyle. These changes do not have to be big and can start with something as simple as turning off the lights when leaving a room. To really make a difference, though, we will have to think beyond just a light switch.

Let's focus on the three R's: "Reduce, Reuse, Recycle" - the basic foundation of all our ideas on eco-friendliness. How can we apply this phrase to our lives as students?

Reducing- Say no to plastic as much as possible. While completely rejecting plastic use might not be entirely possible in today's world, there are many ways to minimize plastic pollution. We can start by discouraging single-use plastic and switching to more eco-friendly options, such as using stainless steel bottles instead of plastic ones or opting for durable silverware over plastic cutlery. Another way to reduce plastic waste is by saying no to fast fashion, which results in textile waste and overuses precious resources like water during production.

Reusing- Switch to cloth bags when shopping instead of plastic ones. Cloth bags are reusable, whereas plastic bags are flimsy and can only be used a few times.

Recycling- We can recycle in many different ways, such as getting creative with old items and turning them into something useful. Additionally, we as students can use public transport more often, support sustainable initiatives, and help educate people around us about sustainable living.

As future changemakers, we have the power to put our planet on the path towards a greener future. Every small change counts. So, today, let's take the first step to make sustainable living a part of everyone's lives.

By
Tanvi Vinod
Class XI ‘B’

WHEN BOOKS BENCH SPORTS: WHY ACADEMICS SHOULDN'T ECLIPSE ATHLETICS

"Focus on your studies----this is what will shape your future so stop playing and start studying. " Have you heard this in some way before? Well, if you have, it's not totally wrong. Academics are definitely crucial for the future, and everyone should give their best effort into it . But that doesn't mean activities like sports and physical exercise shouldn't be an active part of your life.

Sports promote physical fitness, which benefits our well-being by improving cardiovascular health, muscle strength, and stamina. Studies show that physical activity can even enhance cognitive function like memory. Engaging in athletics can also be a way to reduce stress and improve your mood, which can be a healthy way to manage your overall well-being—physically and mentally.

Along with this, athletics provide opportunities to develop teamwork and collaborative skills. Managing academics as well as athletics helps enhance other skills like time management.

Perseverance also gets intensified each time the players face setbacks and learn how to overcome and improve from them.

A healthy balance between academics and athletics can contribute to the development of an all-rounded individual. Physical activities are a way to have fun yet stay focused, through and beyond our academics. Athletics are often underestimated, but they are very useful in providing a balance to an individual during school life and our day-to-day activities.

By
Avantika Makthal
XI 'A'

AI IN CLASSROOMS: REVOLUTIONARY TOOL OR A SILENT THREAT?

The development of artificial intelligence has happened so quickly that it has become quite normal to see it being used in various fields, and has now become ingrained in our daily routines. This only pushes more and more companies to develop their own AI bots to perform various tasks, such as in the medical field, market analysis, and even summarizing everything discussed in a meeting. There are so many emerging trends in the usage of AI, which naturally begs the question: should AI be used in education? And more importantly, how much AI is too much AI?

Artificial intelligence in classrooms does obviously have its advantages. Integrating it in teaching will let each student have a personalized learning environment, tailored to their own pace and style, while also giving instant responses and feedback, aiding faster learning and self-correction. It also gives teacher support, automating tasks like grading or lesson planning, and not only is it accessible to everyone, but also makes learning more effective and fun through interactive tools, leading to enhanced engagement.

And although AI has its perks in the educational field, there are major drawbacks that should be considered. One of the main disadvantages is over-reliance, which erodes original thought. Depending too much on AI can weaken critical thinking skills and kill creativity, which is already taking place among a lot of students, with AI generated homework and assignments. This article, even, could be AI generated, and one would never notice. Other threats include privacy risks, and dehumanization in learning, which wouldn't have the human connection between teacher and student.

So, at the end of the day, what really matters is how much AI is incorporated in education, if it brings change for the better, and whether the pros really outweigh the cons.

By,
Swara K
XI 'A'

FROM EARTH TO THE STARS: SHUBHANSHU SHUKLA'S JOURNEY TO THE ISS.

Group captain Shubhanshu Shukla is a distinguished pilot in the Indian Air Force (IAF). He has been handpicked as one of the four astronauts for the Indian Space Research Organisation (ISRO) historic Gaganyaan mission - the nation’s inaugural human space flight endeavor.

He was born on October 10, 1985, in Lucknow, Uttar Pradesh. His father is a retired government officer and his mother is a homemaker. He completed his schooling at City Montessori School in Lucknow. He was motivated by the Kargil War in 1999 and appeared for and cleared the National Defense Academy and Naval Academy Examination. He graduated with a Bachelor of Science degree in computer science from the National Defense Academy in 2005 and subsequently was selected for flying training at the Indian Air Force Academy.His journey began when he was commissioned into the IAF fighter wing in June 2006.

As a combat leader and seasoned test pilot, he boasts an impressive 2000 hours of flight experience across various aircrafts. His ascent to the rank of group captain in March 2024 reflects his exceptional contributions. In 2019, he embarked on rigorous training at the Yuri Gagarin Cosmonaut Training Center in Star City, Moscow, Russia - a year long preparation that would shape his destiny. On February 27, 2024, Prime Minister Narendra Modi unveiled Shubhanshu as one of the elite astronauts undergoing intensive training for India’s maiden human spaceflight mission, Gaganyaan. ISRO expects the Gaganyaan mission to launch Indian astronauts into space in the first quarter of 2027. He takes inspiration from his idol, Wing Commander Rakesh Sharma-the first Indian astronaut in space, and quotes “I’ve been extremely fortunate and lucky to have gotten the opportunities to first fly all my life which was a dream job for me and then have the opportunity to applyto astronaut core and now consequently be here at Axiom.” Shubhanshu is now preparing to pilot the historic Axiom Mission 4 (Ax-4) to the International Space Station (ISS), leaving an indelible mark on India’s remarkable advancements in human space exploration.

Shubhanshu Shukla

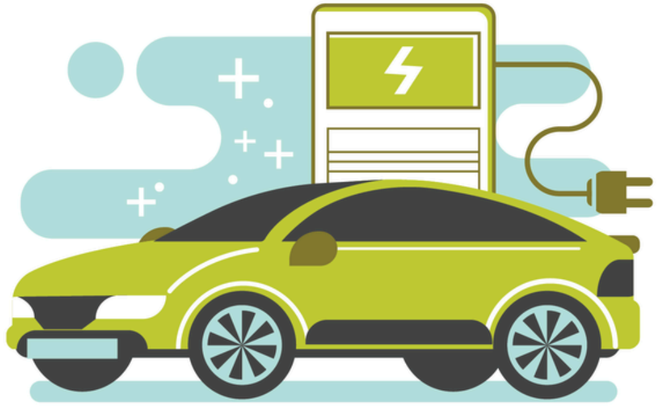
Shubhanshu Shukla with cosmonauts from Russia

By,
Riya Gupta
XI ‘A’

THE RISE OF ELECTRIC VEHICLES

In recent years, the innovation of electric vehicles has become an incredible solution to the problem of environmental pollution. As concerns of air pollution and noise pollution increase, people are looking for a better, sustainable solution – and EVs are leading the way.

The invention of EVs has been attributed to many people. In 1828, an Hungarian, Ányos Jedlik created an early type of electric motor. The first EV able to carry humans was invented by Gustave Trouvé. The first real electric car came to the market in 1888.



Unlike traditional cars that run on petrol and diesel, electric cars run on electricity stored in batteries. That means they have zero emissions, making them an environment friendly alternative. With increase in innovation, modern electric vehicles can run many kilometers on a single charge, and are becoming more affordable by the year. They can also reach a average speed of 185km/hr.

Governments around the world are supporting this by providing incentive to EV buyers and investing in it. Major car manufacturers are also taking initiatives and pledging to transition to an all EV program in the upcoming decades.

But this isn't just about sustainability – it is also about innovation. Self driving features, connected apps and fast charging features are reshaping the way we see mobility. Schools are incorporating EV education in the curriculum to prepare students for a future in green technology.

As EVs become more common on the streets, we get to witness a transportation revolution. Young people will play a vital role in this exciting shift of electric vehicles to the future of transportation.

By,
Navya Mishra
XI 'A'

HOW EXTRACURRICULARS SHAPE THE REAL YOU: THE JOURNEY BEYOND BOOKS

Be it a hobby pursued or an added bonus in a student's resumé, extracurriculars beyond the books always help one grow. They shape our foundation, enhance creativity and develop skill-based learning. While theatre lets us face a crowd with confidence and creative writing explores a magical side to your composition, dance and art give us rhythm and style. Why limit ourselves when there is so much to explore?

Learn a sport, cook a new recipe or just do things differently. Everything counts because hbbies create the best passion projects.

Everything is a step ahead. Every interest we pursue gives us a chance to stand out in the room. Every voice we hear gives us an opportunity to respond back, stronger and better.

Extracurriculars help us meet like-minded people, opening windows to social networking. While balancing our interests with academics, we tend to develop a greater sense of time management. Albeit it can be considered a responsibility, it's not a conundrum to tackle.

Extracurriculars shape so much more than monotonous school books. Doors open, not only to temporary events but to golden chances, to future career paths.

Our extracurriculars convey what we truly like and what we wish to do with our lives. So we've gotten it. A mindmap of the road not taken, imperceptible yet evident.

By
Jagriti Mandal
XI ‘B’

THE BOY WHO GREW A FOREST

This is a true story of a boy who took an initiative to grow a forest.

In India, on a large river island, among farms and families hard at work, there lived a boy who loved trees. Trees meant shade, food and shelter for many. But each rainy season, floodwater swallowed more and more of the beautiful tree covered land. The boy's precious island was shrinking, eroding away with the rushing water, leaving empty sandbars behind. The boy witnessed animals stranded on those sandbars, their homes destroyed. He feared that if animals could not survive without trees, people could not too.

The boy shared his fear with the village. The elders explained that the only way to help animals was to create new homes for them. They gifted the boy with twenty bamboo saplings. Alone, he carried them down the muddy water. The land was too barren for animals, shores too sandy for leafy trees; would bamboo grow? The boy hoped. Determined, he began to plant, one, two, then three. Everyday, he lugged heavy buckets of water from the river and watered the saplings. Though his arms grew tired and his back sore, still, each day he tended to the plants.

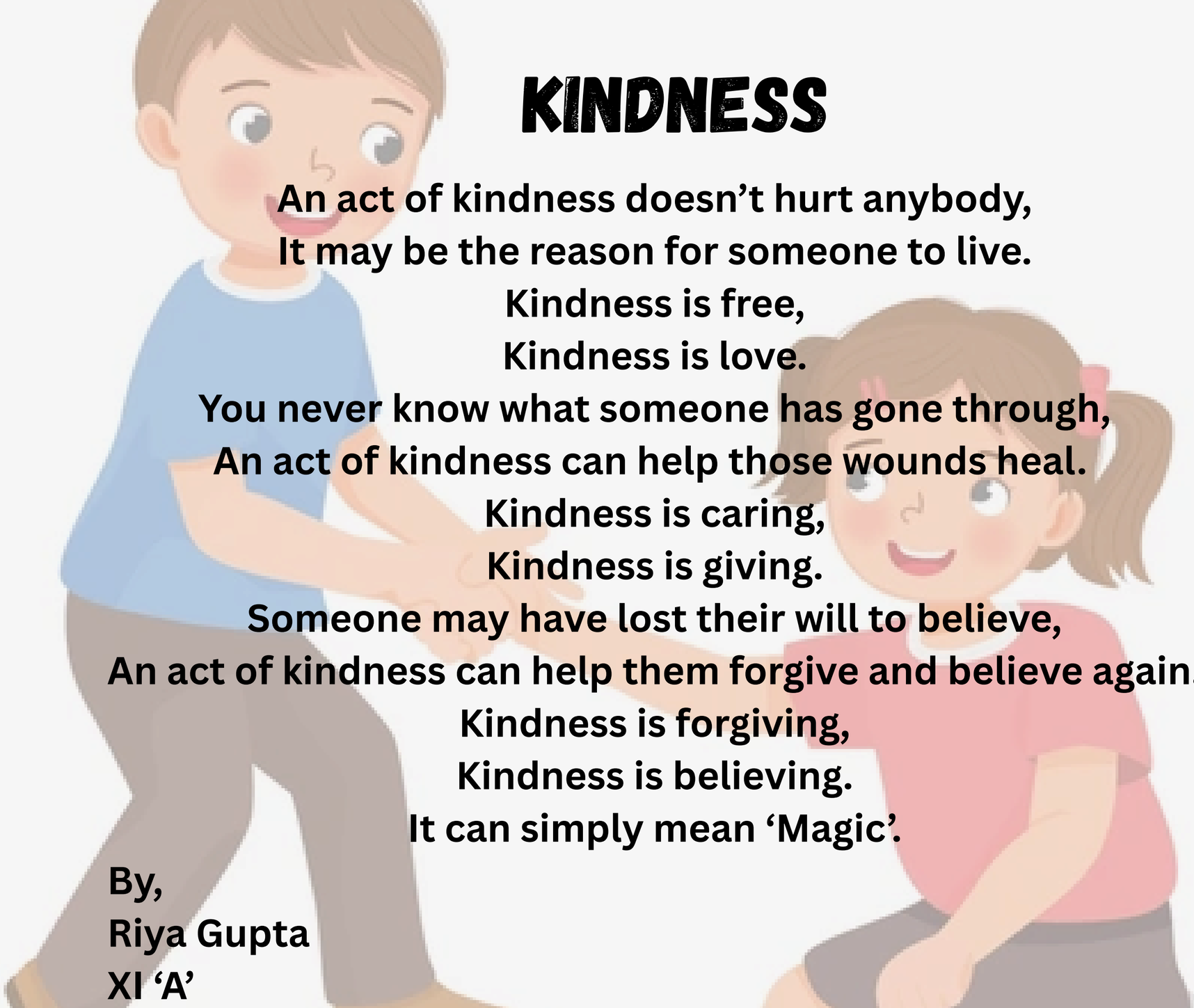
And overtime, the bamboo patch grew into a heavy thicket. But this wouldn't be enough to stop the swelling river or to provide shelter for animals. He had to create a richer soil to grow more plants. The boy carried cow dung, earthworms, termites and angry red ants that bit him on their journey to their new homes. He brought seeds from neighbouring villages. Each day, he planted them.

As years passed and the boy grew, so did a forest - ten acres, twenty acres, then forty. Wildlife returned for the first time in many years - buffalo, one-horned rhinos and snakes, gibbons, migratory birds and elephants. The man planted more grasses to attract small animals that would keep the tigers happy in the forest and thus keep the villagers safe. He even planted more fruiting trees to help feed the hungry elephants and thus protect the crops of the neighbouring farms. Some wanted to harvest the forest to build homes, but the man was there to plant anew. Others tried to hunt the animals for horns and fur, but the man was there to protect.

Now in India, on a large river island, among wildlife and trees as tall as buildings, there lives a man who grew a forest. The forest is called "Molai" named after the true superhero "Jadav Molai Payeng" who never stopped planting and pruning and protecting. The man's saying...

ONLY BY GROWING PLANTS, THE EARTH WILL SURVIVE!

By
RIYAANSH D TALAKAD
IV ‘C’



KINDNESS

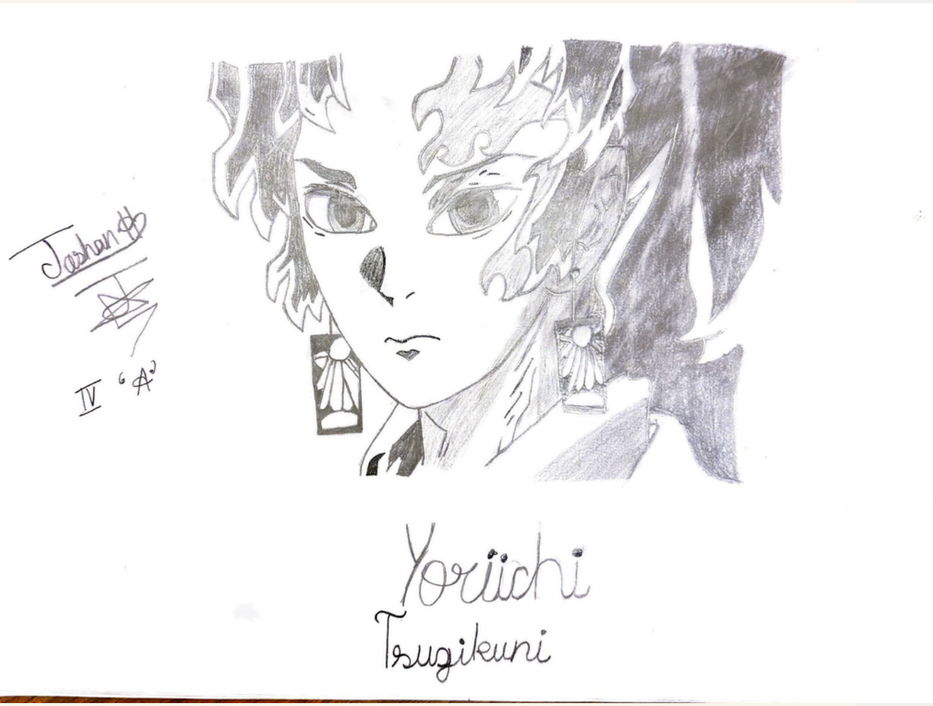
An act of kindness doesn't hurt anybody,
It may be the reason for someone to live.
Kindness is free,
Kindness is love.
You never know what someone has gone through,
An act of kindness can help those wounds heal.
Kindness is caring,
Kindness is giving.
Someone may have lost their will to believe,
An act of kindness can help them forgive and believe again.
Kindness is forgiving,
Kindness is believing.
It can simply mean 'Magic'.

By,
Riya Gupta
XI 'A'

CREATIVE CORNER

Sanjay Krishna V
VI ‘B’

Sanjay Krishna V
VI ‘B’



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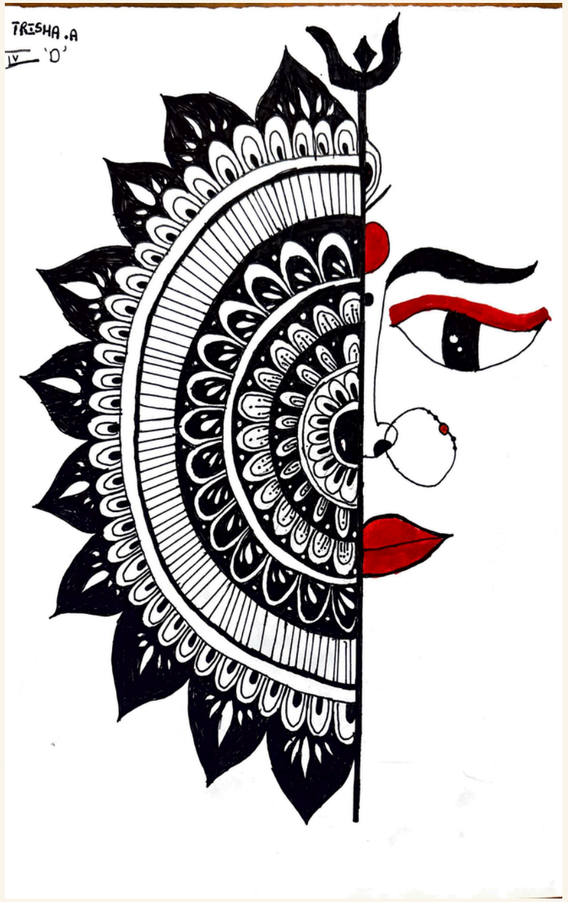

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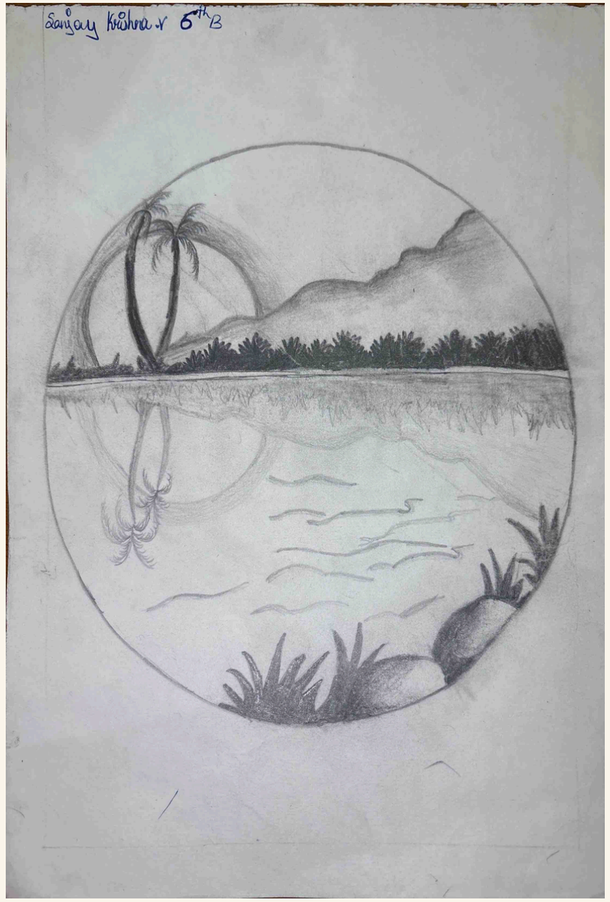

Sanjay Krishna V

VI ‘B’

HOUSE POINTS

99 POINTS
1st PLACE

90 POINTS
2nd PLACE

89 POINTS
3rd PLACE

Nilgiris

Vindhyachal

Himachal

Sahyadri

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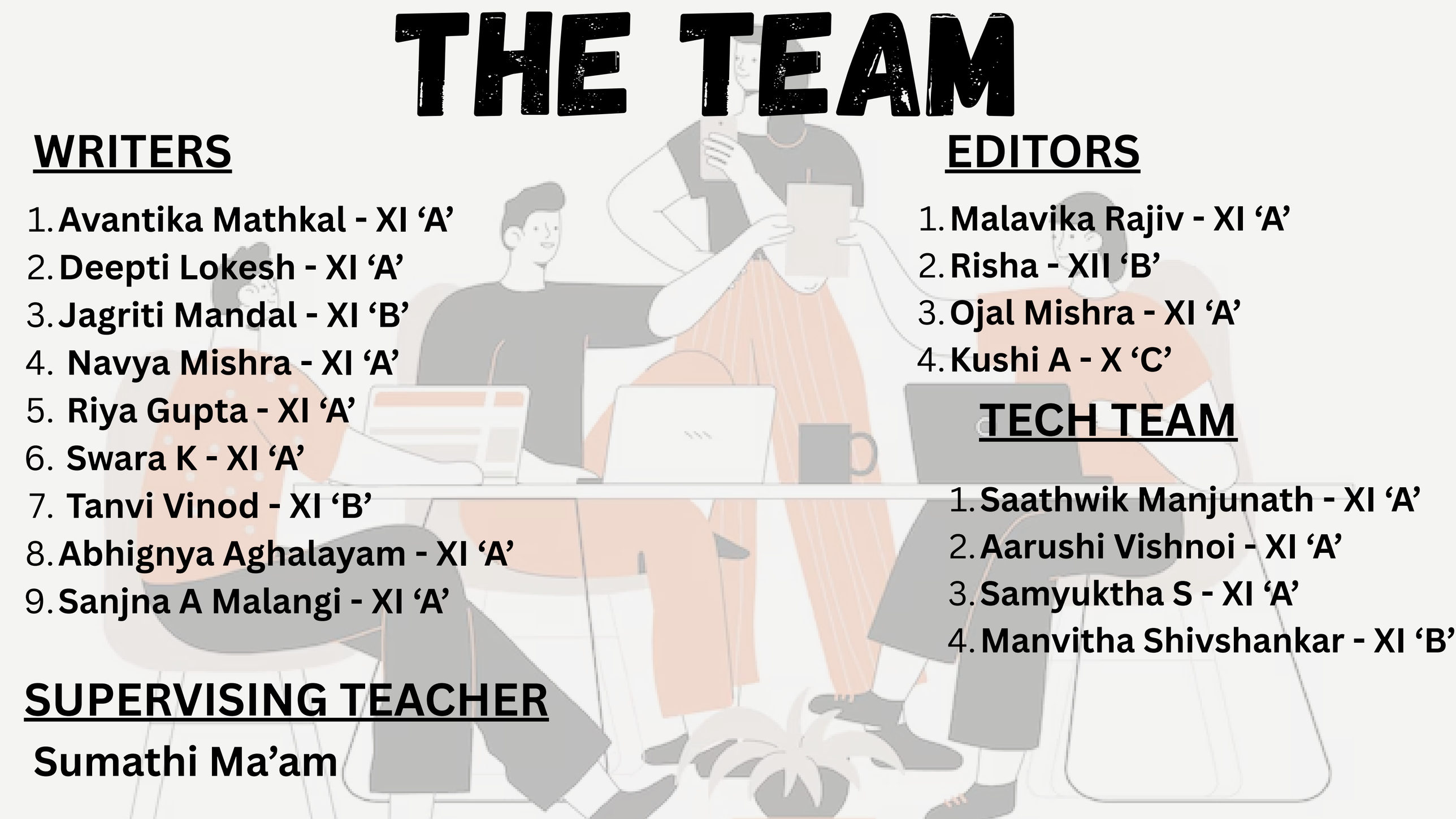

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