JUANA

JUANEXT

A MONTHLY E-NEWSLETTER BY JUANA TECHNOLOGIES

TOP 10 SCHOOL

1. G. D. Goenka Public School
2. Venkateshwar International School
3. Maxfort School
4. Vishal Bharti Public School
5. The Manthan School
6. Bal Bhavan Public School
7. Green Field Sr. Sec. School
8. St. Giri Sr. Sec. School
9. Modern School
10. Modern Public SchooL

SHOWSTOPPER MESSAGE

Adopting the language of transformation that has become culturally and socially the common language of the global world, it has become essential to view Hybrid Learning as a movement forward in the educational domain. With individualised attention and sustainable learning strategies and outcomes, online education continues to invigorate teaching and improve learning. With Microsoft and Juana Technologies as partners in our journey, we have been able to channelise our efforts and ensure better outcomes, both qualitatively and quantitatively. With focus on emotional and social ethos of our immediate environment, our aim is to integrate technology-based learning opportunities with an empathetic and change-driven concern for the society at large. As our learners also embrace the language of transformation, we stride now, more than ever, toward a future that would mark the new and evolving a paradigm in the field of education. It is heartening to observe how our MIEEs and learners are prepared to be a part of such a future! We develop ourselves consistently to envision and facilitate such a future together!

Anuradha Pant
Principal
G.D. Goenka Public School,Sector- 22, Rohini

UPCOMING TRAINING

- **Minecraft Training for students- 4th December 2021**
- **Ed-tech Avengers- 16th December 2021**
- **Education Transformation Framework- 18th December 2021**
- **Minecraft Training for students- 6th December. 2021**

Microsoft Surface

Dual far-field Studio Mics for great Microsoft Teams calls

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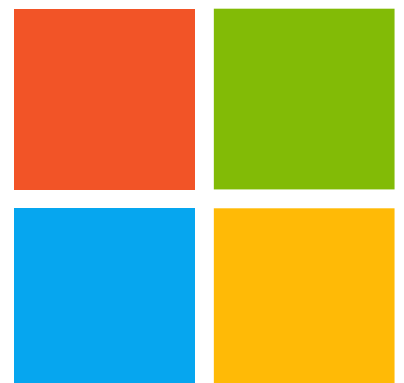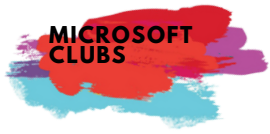|	
Surface Laptop Go Price List	**Surface Laptop Go: i5/4GB RAM/64GB SSD win 10 Pro EDU-44264/-** **Surface Laptop Go: i5/8GB RAM/128GB SSD win 10 Pro EDU-55269/-** **Surface Laptop Go: i5/8GB RAM/256GB SSD win 10 Pro EDU-68,919/-** **Surface Laptop Go: i5/16GB RAM/256GB win 10 Pro SSD EDU 84,122/-**
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Warranty Extn.	**Warranty Extension Available 2 and 3 years**
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MICROSOFT CLUBS

MICROSOFT ASPIRE SCHOOL PROGRAM

ED-Tech Avengers

Juana Technologies invited educators from various MASP Schools to learn about new updates on MS Team and Office 365 productivity tools. More than 180 educators from 11 schools participated in this learning event. The winner of the quiz won a gift voucher of 1000/- Rs.

The Next edition of Ed-Tech Avengers will be on 30th Dec 2021. To participate, register on the link given below

"Thank you so much sir for giving us such a great opportunity to be part of the quiz. It was a great way to engage the mind in something interesting and productive."
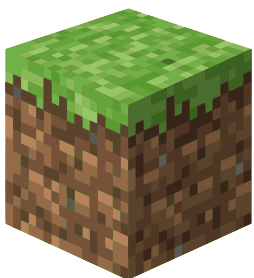
-VANDANA KHATTAR
Bal Bhavan Public School,
Mayur Vihar phase-2
Winner, Ed-Tech Avenger
Nov 2021 Edition

Ed- Tech Avengers registration link-
https://forms.office.com/r/BFz9MRTrys

MICROSOFT ASPIRE SCHOOL PROGRAM

GREEN Field Senior Secondary School

MR SUDHANSHU SHARMA
PRINCIPAL

MRS. NEERJA SHARMA
VISE-PRINCIPAL

42 TEACHERS SUCCESSFULLY EARNED THE TITLE OF MIE EXPERT AND THE JOURNEY

ECO-FRIENDLY DIWALI!

Diwali or Deepavali is one of the most important festivals in the Hindu calendar and is celebrated in India and over the world with great pomp and fervour. The purpose of Diwali is to celebrate light and remove our "inner darkness" or ignorance. This is usually symbolized by the lighting of 'Diyas' (earthen lamps) in the house and outside. Diwali is all about celebrating the victory of good over evil and light over darkness.

But for most people lighting firecrackers is the highlight of Diwali. Brighter the sparkles and louder the noise the greater the thrill! In fact, for too many of us, these aesthetic forms of light seem so appropriate and most essential when celebrating the "festival of lights". But little do people realize that in our increasingly populated and polluted cities, the temporary joy of watching the fireworks is soon replaced by the intense air pollution caused by these. The toxic substances used in the firecrackers release toxic gases that are harmful to the health of all living beings. The high level of noise generated by the crackers causes immense suffering to birds and animals. Besides, Diwali crackers are dreaded by the sick and the ailing.

Not only this, but the Festival of lights also puts a considerably high load on electrical energy sources that are already overloaded. The use of electrical lights to adorn homes, business establishments, monuments and roads require a huge amount of electricity. The tradition of burning oil lamps is a possible alternative to electrical lights. Even though it does use oil, the duration of the lamps is shorter.

"He whom himself sees all but whom no one beholds, who illumines the intellect, the sun, the moon and the stars and the whole universe but they cannot illumine. He is the inner self. Celebrate the real Deepavali by living in, and enjoying the eternal bliss of the soul.
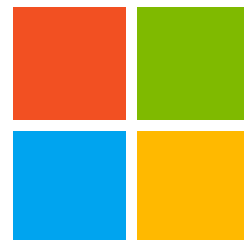
MICROSOFT ASPIRE SCHOOL PROGRAM

With the growing recognition of the impacts of Diwali on the environment, Sanjeevani-Embracing Life, Business for Charity enterprise of ML Khanna DAV Public School took the initiative to reach the community through a replete of programmes to sensitize others about ways of celebrating Diwali in an eco-friendly way. These programmes including melodious songs, enchanting dance performances, poems and speeches were presented virtually through a special assembly as a MICROSOFT LIVE EVENT. These programmes were also posted on social media platforms to the extent of the outreach.

Moreover understanding that each one of us waits with so much excitement for this festival of lights every year, but due to the current pandemic, people are apprehensive of going out in public places to shop for their most favourite festival. Our team decided to cater to the needs of our community by procuring festive products from local artisans through video tours keeping our team of students safe at home. In this way, we supported our artisans who are the most severely hit due to economic crises during COVID times. Then we created posters, brochures and presentations and showcased each of the products to the community by organizing a Virtual Shopping Arena on MS Teams.

Products ordered by the customers were delivered at their doorstep following all COVID protocols with the help of support staff at a minimum profit. These profits will be used for helping the underprivileged sections of society. Planning of the event including discussion of activities, run-throughs, deciding finances was done on teams. Advertising and marketing were done on social media platforms.
We believe that nothing can deter your spirit of doing good if you work together as a team with available resources and willpower.

TEAM- SANJEEVANI-EMBRACING LIFE
SCHOOL- ML Khanna DAV Public School
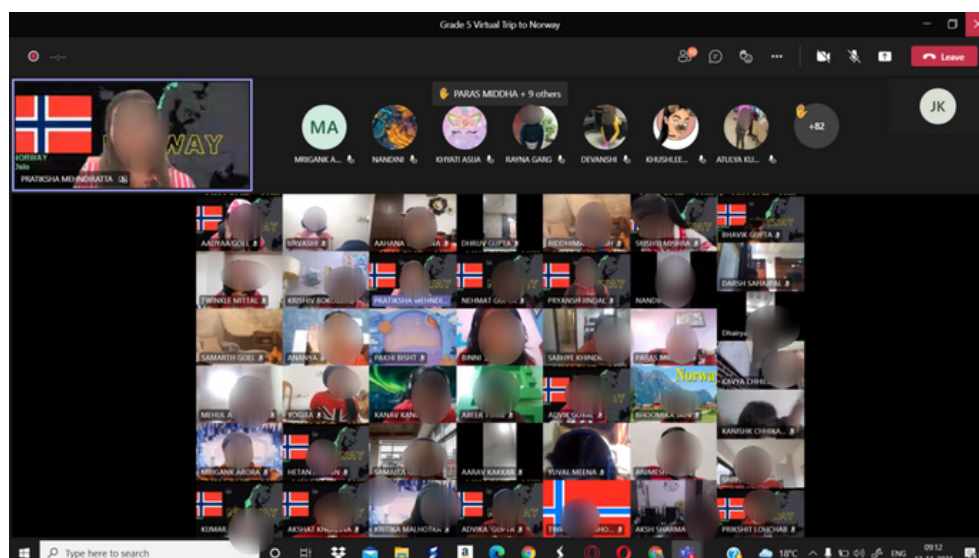Lead Teacher- Ms Divya Sharma

MICROSOFT ASPIRE SCHOOL PROGRAM

"Travel is always about the experiences and not the destination."

Travelling can unfold a gamut of experiences for each one of us by providing a comprehensive escapade to not only the adults but children in their growing stage. Thanks to Microsoft Teams for providing a digital platform to come up with a rich virtual jamboree of understanding the cultural diversity of the Scandinavian country, Norway through an on-screen trip. The Children's Fiesta, exclusively organised on the occasion of Children's Day, equipped students with nuances of air travel, Oslo city tour and destination insights. The event concluded with Bookmark making activity and building awareness about Aurora Borealis, the phenomenon that occurs only in the northern hemisphere of the globe. With learnings in abundance, the event gained tremendous appreciation from the community of parents and young Goenkans.

-Ms. Swati Kapoor
G.D. Goenka Public School, Sec-22,Rohini

MICROSOFT CLUBS

I BELIEVE THAT TECHNOLOGY HAS A LOT OF SCOPE AND IF TECHNOLOGY IS SUPPORTED BY A POSITIVE MINDSET AND AN URGE TO BRING ABOUT A CHANGE, IT CAN DO WONDERS FOR OUR NATURE. THROUGHOUT THE NEW NORMAL, WE HAVE SEEN A LOT OF CHANGES IN TECHNOLOGY- THE WEB FLOODED WITH RESOURCES, EVOLUTION OF ARTIFICIAL INTELLIGENCE AND WITH ALL THAT HAS HAPPENED, TECHNOLOGY IS NOW UBIQUITOUS!

WE HUMANS HAVE USED OUR INTELLIGENT MINDS TO PROGRAM AND CREATE ROBOTS, MACHINES, AND WHATNOT! IF WE CREATE THEM AND DEFINE A SPECIFIC NATURE-ORIENTED GOAL, IT WON'T BE DIFFICULT TO HAVE A NATURAL WORKFORCE. SOMETIMES, WE THINK OF TECHNOLOGY AS SOMETHING THAT RELATES MORE TO A TECHNICAL TERM. RATHER, IF WE REALIZE THAT EVEN INDIVIDUALS LIKE US HAVE THE ACCESS TO THE SIMPLEST OF TECHNOLOGY, WE CAN USE IT TO SAFEGUARD NATURE. IF WE ARE USING TECHNOLOGY TO EXPLORE NEW THINGS, WE CAN'T DENY THE FACT THAT IT WON'T TAKE LONG FOR NEW THINGS TO EXPLORE US. A FITNESS WALK CAN TRANSFORM INTO A NATURE WALK! A 3D ACTION GAME CAN TRANSFORM INTO A LIVE NATURE GAME! GONE ARE THOSE DAYS WHEN MOBILE PHONES WERE USED FOR CALLING PURPOSES ONLY AND WITH THE ACCESSIBILITY OF JUST A CELL PHONE, SO MUCH HAS BECOME POSSIBLE. IF NOT AN INVENTION, AN INNOVATION WILL SOMEHOW CHANGE THE COURSE. IF WE BRING TECHNOLOGICAL STUFF INTO THE SCENARIO OF NURTURING NATURE, IT WOULD SPEED UP THE PROCESS AND EVEN LEAD US TO NEW SOLUTIONS!

– GAURI WADEHRA
XI–E
BAL BHAVAN PUBLIC SCHOOL

"THERE ARE NO PASSENGERS ON SPACESHIP EARTH. WE ALL ARE CREW. "

IDEALLY, ALL THE CITIZENS WOULD VOLUNTARILY ADOPT BETTER PRACTICES TO REDUCE ENVIRONMENTAL DAMAGE. AFTER ALL DON'T WE WANT TO LEAVE THE PLANET A BETTER PLACE FOR FUTURE GENERATIONS? BUT LET'S FACE IT – VOLUNTARY COOPERATION IS CHALLENGING TO OBTAIN SINCE PLANET EARTH DOESN'T HAVE TIME TO WASTE. INSTEAD, TECHNOLOGICAL DEVELOPMENTS, SUCH AS AUTOMATION AND ARTIFICIAL INTELLIGENCE, ARE HELPING HUMANS TAKE IMMEDIATE STEPS TOWARDS SUSTAINABILITY. TECHNOLOGY IS MUTATING ALMOST FASTER THAN WE CAN KEEP UP WITH BY CHANGING HOW WE LIVE AND WORK. BESIDES MAKING OUR LIVES EASIER, IT'S ALSO HELPING US LIVE GREENER AND BETTER. WITH THE HELP OF SCIENTIFIC DEVELOPMENT, MAN HAS COME UP WITH WAYS TO LIVE A SUSTAINABLE LIFESTYLE FOR HELPING THE ENVIRONMENT. SOME OF THESE INITIATIVES HELP HUMANS, SOME HELP TREES, SOME HELP THE SEA – BUT ALL HELP PLANET EARTH! BUT TECHNOLOGY IS A DOUBLE-EDGED SWORD, CAPABLE OF SAVING NATURE FROM HUMAN DESTRUCTION OR CAUSING EXTINCTION ON A MASS SCALE. HUMANS ARE USED TO TAKING NATURE FOR GRANTED, HAVING EVOLVED WITHIN IT FOR THOUSANDS OF YEARS. BUT MAINTAINING THAT MINDSET WILL SEND US DOWN A DANGEROUS PATH.

THUS THE BALANCE MAY LIE SOMEWHERE IN THE MIDDLE, IN A STILL-ELUSIVE SWEET SPOT WHERE TECHNOLOGY ENHANCES NATURE WITHOUT SUBSTITUTING IT.

–ISHAANVI SINGHAL
XI – E
BAL BHAVAN PUBLIC SCHOOL

STUDENTS SPEAK

Can people save nature by using technology?

Yes! As it is said, "nothing in the world is impossible as the word itself says that I'm Possible. The environment is a mess! We all know that. Out-of-control wildfires, deforestation, the destruction of coral reefs, pollution, and what not! Can technology help reverse climate change and the environmental damage done by our ancestors? That is the main question? Unlike the industrial revolution, technological advancements are no longer primarily powered by steam, iron, and coal mines. Instead, new technologies have led to more sustainable methodologies, better stewardship of our natural resources, and conversion to solar and renewable energy sources. And these have been shown to have an enormous positive impact on the environment.

Naturally, in an ideal world, all citizens and corporations would voluntarily adopt better practices to reduce environmental damage. After all, don't we want to leave the planet a better place for future generations? But let's face it – voluntary compliance is difficult to obtain and planet earth doesn't have time to waste. Instead, technological developments, such as automation and artificial intelligence, are helping mankind take immediate steps towards sustainability. There has never been a more exciting time for environmental technologies and innovation.

Technology has helped us simplify our lives. It has made the world a smaller place, assisted in fighting off the deadliest diseases, and solved the most complicated problems for us. The next problem that stands before us is that of the ecological changes we face. Keeping in mind the potential technology has, environmental scientists are now saving the environment with technology. Forming a significant part of the ecology, man has come up with ways to live a safe and sustainable lifestyle for helping the environment. Smart homes that advocate green living and lesser waste are gaining popularity nowadays. These houses work on advanced sensors that help in saving energy in daily activities. Smart cars were developed on the same lines that contribute to reducing conventional automobile pollution and saving energy.

There are a lot of other ways to contribute to the preservation of the environment with technology. Most of these applications are widely used and have brought about significant changes. However, this effect can be made extensive if the technology is made to reach out to a lot of people to educate and train them in implementing it to the best of their abilities.

By- T.S.Samicshaa
XII-B

STUDENTS SPEAK

Can people save nature by using technology?

"We are changing the world with technology" – Bill Gates

The word technology reflects a limitless sky to many people. When dealing with technology, anything is possible. Need new innovative methods to produce goods? Technological advancements are here to save the day! Sea is in great danger? Create a robot jellyfish which are set to save coral reefs! Afforestation is the main need? Don't worry, the flash forest is firing seed pods directly into the ground resulting in a large number of trees!

So, it has been observed through various courses of generations that how new technology help humans, some help trees, some help the sea – but all help planet earth!

Humans have innovated so many environmentally friendly products so far, for example, new technologies have led to more sustainable methodologies, better use of our natural resources, and conversion to solar and renewable energy sources. Likewise, these have been shown to have an enormous positive impact on the environment. Moreover, technological developments, such as automation and artificial intelligence, are helping in order to take immediate steps towards sustainability. Though, it is an ideal duty for all citizens to adopt better practices to reduce environmental damages. But, let's face it, not all are very conscious towards the same.

By providing a bird's eye view of land and sea, technology is an effective way to make sure environment-related laws and regulations are followed which will not only save nature but also protect endangered species who provide a correct balance for laws of nature

To conclude, applied science is an answer to mankind's urgent problems.

–BY DIYA MAHAJAN
GRADE 12
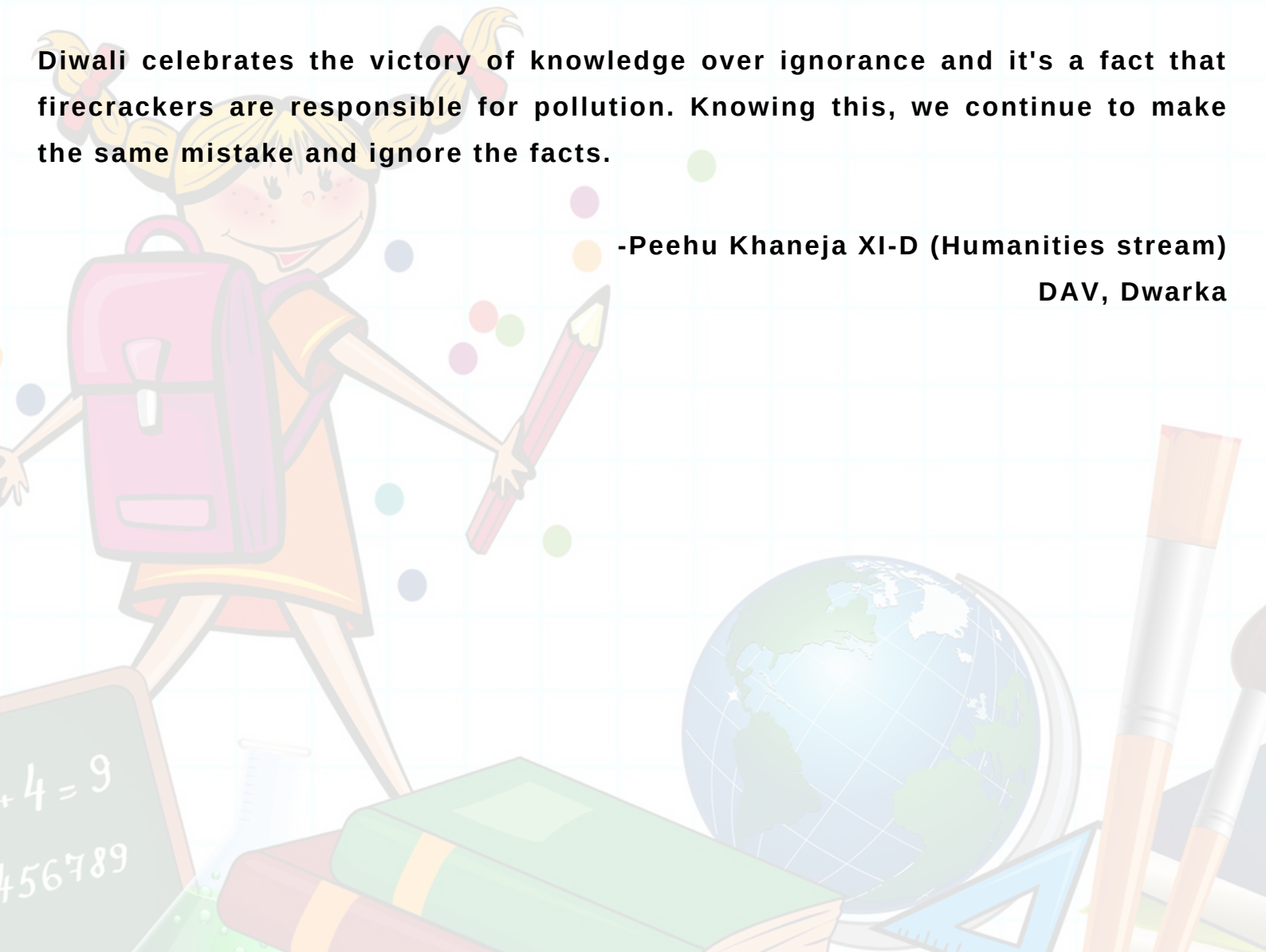G D GOENKA PUBLIC SCHOOL SECTOR 22 ROHINI

Eco-friendly Diwali!

Diwali is the festival of gifting, greetings and gatherings. However, this Diwali I celebrated differently as I believe that being traditional in an eco-friendly way can usher the joy, warmth and modernity of any home. I preferred the traditional lighting of earthen lamps instead of electrical decoration. I opted for rice flour, wood dust and floral rangoli, created coconut shell candles, handmade planters from recycled bottles and reclaimed wood that truly gave a rustic charm. My family gifted indoor plants, organic soaps and yoga mats made from cork leave as they can go a long way. For offering our prayers, we chose idols of Lord Ganesha and Goddess Lakshmi made from pure clay and manure with plant seeds embedded inside them, and earthen diyas made from sacred cow dung.

Diwali celebrates the victory of knowledge over ignorance and it's a fact that firecrackers are responsible for pollution. Knowing this, we continue to make the same mistake and ignore the facts.

-Peehu Khaneja XI-D (Humanities stream)
DAV, Dwarka

STUDENTS SPEAK

Can people save nature by using technology?

Technology is changing almost faster than we can keep up, with new smart technologies changing the way we live. It may be surprising to some that smart devices are helping us to not only simplify our lives but also to save the environment. Smart home devices conserve energy by using artificial intelligence to shut off power to devices that aren't in use. Smart appliances like refrigerators can send you an email if the door is ajar, or if your cheese is about to expire These smart home devices can also optimize your thermostat or power use so you're not consuming energy when you're not at home. Just as your appliances can let you know of an energy-wasting problem, they can also email you if they have a part that's about to wear outwit not only saves you money on replacing expensive appliances but allows you to fix problems before your major appliance ends up in a landfill. Smart sprinkler systems help regulate how much water you're consuming by adjusting according to the weather, optimizing not only your water bill but also the impact on the community water supply. Green buildings that are constructed to best harness and implement natural lighting will drastically reduce expensive lighting costs and reduce the consumption of coal needed to power that lighting. Since electric power accounted for almost 93% of coal consumption in the U.S. in 2017, there's a great deal of potential to reduce that impact. While we haven't become the paperless society of early predictions, screen technology offers an alternative to pen and paper for communication and projects and an alternative to printed materials through the growing media field that includes eBooks and audiobooks.

Streaming media services are reducing the demand for producing DVDs and all the wasteful packaging that goes along with it. Power is the limiting factor holding back a lot of green technologies. Wind and solar, for example, are capable of generating vast amounts of electricity, but adoption of the technologies has been throttled by a major shortcoming: Sometimes it isn't windy or sunny. Electric cars, similarly, are making huge strides, but until range increases and charging times diminish, fossil fuels are going to rule. To heal the planet, we need to measure it. Distributed sensors are one of the unsung technologies allowing that to happen, and the continued spread of the networked sensor environment will be one of the undergirding technologies behind nearly every sustainability effort imaginable. Fundamentally, AI will be the bedrock of our future efforts to undo the damage already done to the planet while figuring out scalable solutions to sustaining our species' energy, food, and water needs.

–Balpreet Kaur
STS World School

STUDENTS SPEAK

Can people save nature by using technology?

YES, Technology can save nature. Today, the environment is in a wretched condition, which might lead to unsustainability and if done nothing life might be wiped out of the planet. It is believed that the environment is degrading as a result of human activities of mass production and using up resources (E.g., Working of industries, mining activity, using harmful chemicals in the agriculture sector etc). All of this has led to the destruction of the environment, and a call for humans, Luckily, we humans have woken up and now are opting for sustainable measures using the techniques and technology of the modern era.

Technology can save the world if used correctly. These days we are using technology as a helper to go in extreme environmental conditions. For example: sending robots in deep oceans to clean them, Using Tissue culture to make new species to cover up for the old ones, Recycling plastic waste and above all, sensitizing people to save our mother earth.
In 2021, jellyfish are no longer brainless, heartless blobs – instead, robot jellyfish are set to save coral reefs. Researchers at the universities of Edinburgh have just released the latest aquatic robot, the robot jellyfish which is designed to safely explore endangered coral reefs. Jellyfish robots take on tasks that are too delicate for human divers, such as the observation, exploration, and restoration of delicate coral reefs.

By: Karamdeep Kaur
STS World School

Technological advancements are transforming the world. It is facilitating extraordinary inventions in virtually all spheres of the profession. But with its greatness comes limitations. Juxtaposing its detrimental effects and aids to betterment will make one conscious of its utility and insidiousness. But can humans make technology work in their favor and save nature? It is a question already being answered by progressions like Geographic Information System (GIS) which locates scattered agricultural runoff sources of pesticides and fertilizers responsible for water pollution. Nevertheless, these nature-saving systems, like every other technology, come at the expense of our environment. It will take a plenitude of research and analysis for technology to give more than it takes.

BY:-Vanshika Balani
Class: XI-D
Bal Bharti

JUANA FOUNDATION
reach . teach . inspire

On October 28 2021, Thursday, team Juana Foundation conducted a session on 'Child Rights and Sexual Abuse' with the students of Anshul Public School, Sagar, Madhya Pradesh. The session started with an ice-breaking activity followed by the pre-analysis question to get an idea of how much they knew about the topic before beginning the session.

The session was divided into seven sections for them to understand properly
1. Child Rights
2. Good Touch & Bad Touch
3. Child sexual abuse
4. Preventive Measure and Safeguard against child abuse
5. Child Helpline Number
6. Child Labour
7. POCSO Act (Protection of Children from Sexual Offences)

After the pe-analysis questions, the team conducted another activity for the students about want & need to explain how they need these rights to live.

In the first section, the children learned about 'Child Rights' and why these rights were made for the children. Students' were also explained about the Convention on the rights of the child.
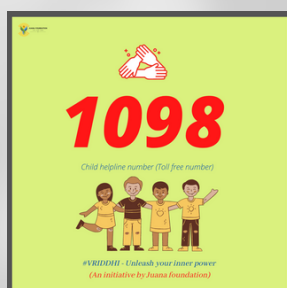
The second session was about the Good Touch & Bad-Touch, followed by a video on Child Rights & Sexual Abuse.

The third section was about the "Preventive Measures and Safeguard' that children can take against child abuse.

In the fourth section, children learned about the Child Helpline line through a song followed by a video which helped students understand 'Child Labour', its impact on the children,

Team Juana wrapped the session by discussing the POCSO Act, followed by the Q&A round where children asked a few questions about child rights. Team Juana also gave some situations to the students and asked what they would do if they came across these situations.

After the session ended, students filled the post-analysis form through which the team analyzed what the children took from the session.

NAWAL GRIHA

Team Juana Foundation aims to establish safe spaces to provide safety, nourishment and enrichment for children between 3 and 14 years of age. This safe space named- 'Nawal Griha' is the epicentre of our work – where our team shall establish direct contact with the lives of these children – helping them grow and develop through our various approaches.

This November, Team Juana reopened Nawal Griha Center at Indra Kalyan Vihar, where underprivileged students are given remedial support as well as life skill sessions. 45 new students were enrolled in the previous month.

CHILDREN DAY CELEBRATION

Children's Day is celebrated across India to increase awareness about the rights, education, and welfare of children. It is celebrated on 14 November every year on the birthday of the First Prime Minister of India, Pandit Jawaharlal Nehru. Known as 'Chacha Nehru' among children, Nehru advocated for children to have all-rounded education that would build a better society in the future. Nehru considered children as a real strength of a nation and foundation of society

This year Juana foundation decided to celebrate with the beneficiaries of the IKV Center. The beneficiaries were quite prepared and enthusiastic about the event.

The event started with a brief introduction to Children's Day by team Juana Foundation. The introduction was followed by a quiz competition, General Awareness" among the beneficiaries. After the quiz competition, they made a few art and craft. Juana Foundation arranged a danced competition, singing competition and drawing competition for the children and they enjoyed the day a lot

INSPIRATION OF THE MONTH

"If you are working on something that you really care about, you don't have to be pushed. The vision pulls you."

— Steve Jobs