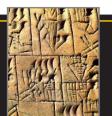
THE TIMES OF INDIA

TODAY'S

The art of communication has a long history and evolved over a period of time. Trace man's journey of communication & refinement



Know why former President Dr APJ Abdul Kalam, the man who ignited a billion minds, continues to inspire this generation



Check out some of the visionary technology on display at the CES' 22 in The GadgetLife



TUESDAY, JANUARY 11, 2022



Teenager Bharath Subramaniyam becomes India's 73rd chess Grandmaster



ourteen-year-old **Bharath** Subramaniyam, on Sunday, became India's 73rd chess Grandmaster (GM), after completing his third and final GM norm at Vergani Cup Open in Italy. Subramaniyam scored 6.5 points from nine rounds along with four others to finish seventh overall in the event. He secured his third GM norm and also touched the requisite 2,500 (Elo) mark.

Notably, to become a GM, a player has to secure three GM the live rating of 2,500 Elo points

CLICK HERE: PAGE 1 AND 2

AQUAMATION

Desmond Tutu, the South African archbishop, who passed away recently, was cremated through aquamation. Tutu had always wanted a simple funeral ceremony, and expressed his wish for a cheap coffin and an eco-friendly cremation...



Aquamation, or alkaline hydrolysis, is a process in which the body of the deceased is immersed for a few hours in a mixture of water and a strong alkali in a pressurised metal cylinder and heated to around 150 degree centigrade.

eco-alternative to burial and cremation. With shortage in avail-

ability of land for burials and cremation producing around 150 kilograms of carbon dioxide per body, and as much as 200 micrograms of toxic mercury, aquamation is being touted as the greenest method for disposing of your mortal remains. According to John Humphries, the chief executive of Aquamation Industries in Gold Coast, Queensland, Australia, who developed the technology, aquamation uses only 10 per cent of the energy of a conventional cremation and releases no toxic emissions. It simply speeds up

the natural way that flesh decomposes in soil and water.

is it done: The corpse is placed into a steel container and potassium is added, followed by water heated to 150 degree centigrade. The flesh and organs are completely decomposed in four hours, leaving bones as the only solid remains. This is similar to what's left after cremation, where the "ashes" are in fact bones hardened in the furnace and then crushed.

IS IT NEW?

Aquamation has been used to destroy cattle infected with mad cow disease. It has also been used in the US for the disposal of bodies donated to science, a process referred to as resomation

■ The process was developed and patented in 1888 by Amos Herbert Hanson, a farmer who was trying to

WORDS

OF THE

DAY

Aquamation Resomation

Want to learn **WATCH THIS SPACE!**

develop an ingenious way to make

■ The first commercial system was

installed at Albany Medical College in 1993. Thereafter, the process

continued to be in use by hospitals

and universities with donated body

It was only in 2011 that the

process was used in the funeral

industry, at two funeral homes in

Ohio and Florida (Source: ANI/Wikipedia)

programmes

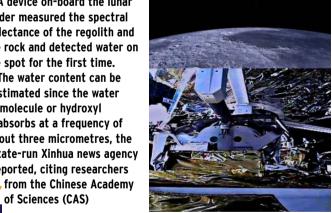
fertiliser from animal carcasses

China's Chang'e 5 lunar probe finds first on-site evidence of water on moon's surface

hina's Chang'e 5 lunar lander has found the first-ever on-site evidence of water on the surface of the moon, lending new evidence to the dryness of the satellite. The study revealed that the lunar soil at the landing site contains less than 120 partsper-million (ppm) water or 120 grams water per ton, and a light, vesicular rock carries 180 ppm, which are much drier than that on the Earth. The presence of water had been confirmed by remote observation but the lander has now detected signs of water in rocks

A device on-board the lunar lander measured the spectral reflectance of the regolith and the rock and detected water on the spot for the first time. ■ The water content can be estimated since the water molecule or hydroxyl absorbs at a frequency of about three micrometres, the state-run Xinhua news agency reported, citing researchers

of Sciences (CAS)



Will Smith wins his first Golden Globe, takes accolade for 'Best Actor'

merican actor, rapper, and film producer Will Smith won a Golden Globe on Monday for his role of Richard Williams in the 2021 movie 'King Richard'. This is the first time that Will Smith has won a Golden Globe. The actor has been nominated for the accolade six times in his career.



Singer Billie Eilish won the best singer award for the title track of the latest James Bond movie 'No Time To Die' Australian actor Kodi Smit-McPhee won a Golden

Globe in the category of 'best supporting actor - motion pic-

■ Steven Spielberg's remake of 'West Side Story' was named best musical or comedy film

James Webb Space Telescope fully deployed in space: NASA



The James Webb Space Telescope completed its twoweek-long deployment phase on Saturday, unfolding the final mirror panel as it readies to study every phase of cosmic history...

■ The most-powerful space telescope ever- built and the successor to Hubble, Webb blasted off in an Ariane 5 rocket from French Guiana on December 25, and is heading to its orbital point, a 1.5 million kilometres from Earth ■ Though Webb will reach its space destination, known as the second Lagrange point, in a matter of weeks, it still has around another five and a half months of setup to go ■ Next steps include aligning the telescope's optics, and

calibrating its scientific instruments

Change your car's colour with an app: BMW unveils colour-changing car



- When stimulated by electrical signals controlled by a phone app, the material brings different pigments to the surface, causing the car to take on a different shade or design, such as racing stripes
- In the future, the changes would also be controlled by a button on the car's dashboard or perhaps even by hand gestures, Clarke said
- No energy is needed to maintain the colour the driver selects, according to BMW
 - Though the vehicle displayed at CES could only alternate between grey and white, the technology will be expanded to cover a spectrum of colour, according to BMW



MOCK PAPERS

EVOLUTION OF



SUBJECT: HISTORY, CLASS X, **CBSE**

existence of human beings. From the stone age to modern era, communication has played a vital role in the development and advancement of civilization through different stages of understanding. With the advancements of modern technology, communication methods have been changing. The life we all are leading today would have been difficult to imagine without communication. From pigeons to the mountain bluebird, we along with our communication methods have evolved at a significant pace. Let us try to understand

ommunication has been the essence of

Communication can be broadly classified into verbal and non-verbal communication. Humans have been using different methods to communicate from the beginning.

the timeline of the evolution of commu-



CAVE PAINTINGS

nication.

rave paintings are the oldest methods of communication. They were used to mark territories. Major events were also recorded through these paintings. They are usually found on the walls and ceilings of caves. Symbolic as well as religious functions were shown in these paintings. Chauvet Cave in France has the oldest cave painting. That painting was made around 30,000 B.C. South Sulawesi, Indonesia, and Coliboaia Cave in Romania has the earliest cave paintings.



POSTAL SYSTEM

done through the system.

With the need for communication growing, people started using courier services. Letters were delivered from one person to another through postal services. These systems were very organized in India, China, Persia, and Rome. A Frenchman De Valyer started a postal system in 1653. The use of mailboxes and delivery of letters was



Radios are a source of news as well as entertainment for people. Wireless signals were studied and tested in detail. The scientists practiced using wireless power to share content. Radios are even installed in mobile phones, car systems. They were once a very

important medium of com-

munication.

CARRIER PIGEONS

igeons are known well for their directions. They were known to find their way home, even after travelling long distances. People used to attach small letters to their necks, training them to fly to the receiver. Pigeons were also used by ancient Romans to tell owners how their entries had been placed. They carried essential messages and helped in the evolution of communication.



t all started with Rock Carvings (Petroglyphs). which were introduced as early as 10,000 BC. These rock paintings drew pictures to convey stories. The carvings on the rock surface were also known as Rock Art. Later on, graphic symbols were used to present ideas or concepts. Chinese created characters for communication as well. Alphabets were created at the last. Evolution of communication was easier after the alphabet.



SMOKE SIGNALS

-Nat Turner

Even though used very limitedly, this was an effective way of communication, which is still used in different situations.



NEWSPAPER

Newspapers are still a wide form of communication used. Every other house has a newspaper delivery every day. These papers deliver written news and also other important

national events taking place. Two types of newspapers are national and international. The first printing press system was introduced in 1440 by German

Johannes Gutenberg. The newspaper started to get more attention and changed communication forever.

TELEPHONE

he telephone was Introduced by Alexander Graham Bell in 1876. Within years of its invention, telephones became an essential part of every household and office. The

devices transmitted human audio into signals. These signals were then transmitted through wires. Landline telephone service began in 1900s. People could talk on calls for hours through long distances. It was the most reliable form of the communication system. Mobile phones were introduced in 1973 and the mode of

communication was changed entirely.

he older methods of communication were cave paintings, smoke signals, symbols, carrier pigeons, and telegraph. The latest and modern ways are more convenient and efficient, example- television, phones, internet, e-mails, social media, and text messaging. Communication technology has made progress over thousands of years. This evolution will continue with the changing world. Communication has

broadened the capabilities of science through expanding the amount of information in circulation. Numerous things, such as advancing technologies and mediums, have allowed more people to not only understand science but to engage in it as well. Advancements in the field of communication are inevitable as more ways are being discovered to provide reliable service using the least amount of

Y SANDHYARANI, Social Department, Chitturi High School, Vijayawada

TELEGRAPH

The first electrical communication system to send text messages was called Telegraph. Sending letters required energy and patience to wait for a reply. Telegraphs were introduced to send text messages more quickly than written messages. It helped in sending information across states and nations.

TELEVISION

Even today, televisions are a great source of entertainment. They are a mode of indirect communication

to the larger audience. Many people in history put in tremendous efforts to introduce televisions. The early televisions dis-



played black and white pictures after the World War II. But with tech advancement, colours were added to the screen. Today, there are several features in televisions that provide us more entertainment and information.

INTERNET

he year 1969 marked the beginning of a new age. This year was the launch of the ARPANET (Advanced Research Projects Agency Network); what we commonly know now as the Internet. Then in 1994, came the emergence of the World Wide Web; in 1997, the coming of instant messaging or internet chat, and in 1999, blogging.

SOCIAL MEDIA

people share their life events on social media. Social media platforms help people share pictures, videos, and almost everything on the internet. It is the latest mode of communication in the digital world. Smart phones have made this more convenient. Social media apps can be downloaded on smart phones. Users of social media in this generation are obsessed with these platforms. Social media has revolutionized the way we communicate. We can see what other people are doing through their social media profiles. It is now easy to check on your friends who live far.

SHARPEN YOUR SKILLS IN PHYSICS



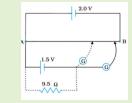
(a) Compare the strength of these forces by determining the ratio of their magnitudes (i) for an electron and a proton and (ii) for two protons (b) Estimate the accelerations of elec-

tron and proton due to the electrical force of their mutual attraction when $1 \text{ Å} (= 10^{-10} \text{ m}) \text{ apart? (mp} = 1.67 \times 10^{-27})$

 $kg, me = 9.11 \times 10-31 kg$ **Q2.** Two charged conducting spheres of radii a and b are connected to each

other by a wire. What is the ratio of electric fields at the surfaces of the two spheres? Use the result obtained to explain why charge density on the sharp and pointed ends of a conductor is higher than on its flatter portions.

Q3. Figure shows a 2.0 V potentiometer used for the determination of inof the potentiometer wire. Determine the internal resistance of the cell



Q4. For a circular coil of radius R and N turns carrying current I, the magnitude of the magnetic field at a point on its axis at a distance x from its centre is given by

$$B = \frac{\mu_0 I R^2 N}{2 \left(x^2 + R^2\right)^{3/2}}$$

(a) Show that this reduces to the familiar result for field at the centre of the coil

(b) Consider two parallel co-axial circular coils of equal radius R, and number of turns N. carrying equal currents in the same direction, and separated by a distance R. Show that the field on the axis around the mid-point between the coils is uniform over a distance that is small as compared to R, and is given by,

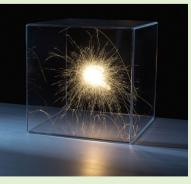
QUESTIONS SET BY KOSURU MARUTHI, PHYSICS FACULTY, WESTBERRY HIGH SCHOOL, BHIMAVARAM, AP

$$B = 0.72 \frac{\mu_0 NI}{R}$$

approximately [Such an arrangement to produce a nearly uniform magnetic field over a small region is known as Helmholtz

Q5. A 1.0 m long metallic rod is rotated with an angular frequency of 400 rad s^-1 about an axis normal to the rod passing through its one end. The other end of the rod is in contact with a circular metallic ring. A constant and uniform magnetic field of 0.5 T parallel to the axis exists everywhere. Calculate the emf developed between the centre and the ring

Q6. An LC circuit contains a 20 mH in-

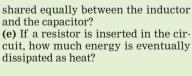


ductor and a 50 μF capacitor with an initial charge of 10 mC. The resistance of the circuit is negligible. Let the instant the circuit is closed be t = 0. (a) What is the total energy stored ini-

tially? Is it conserved during LC oscillations?

(b) What is the natural frequency of the circuit?

(c) At what time is the energy stored (i) completely electrical (i.e., stored in the capacitor) (ii) completely magnetic (i.e., stored in the inductor)? (d) At what times is the total energy



Q7. Answer the following questions: (a) The angle subtended at the eye by an object is equal to the angle subtended at the eye by the virtual image produced by a magnifying glass. In what sense then does a magnifying glass provide angular magnification? (b) In viewing through a magnifying

glass, one usually positions one's eyes very close to the lens. Does angular magnification change if the eye is moved back? (c) Magnifying power of a simple mi-

croscope is inversely proportional to the focal length of the lens. What then stops us from using a convex lens of smaller and smaller focal length and achieving greater and greater magnifying power?

(d) Why must both the objective and the eyepiece of a compound microscope have short focal lengths? (e) When viewing through a compound microscope, our eyes should be positioned not on the eyepiece but a short distance away from it for best viewing. Why? How much should be that short distance between the eye and eyepiece?

Q8. In double-slit experiment using

SUBJECT: CHEMISTRY, **CLASS XII, CBSE**

light of wavelength 600 nm, the angular width of a fringe formed on a distant screen is 0.1°. What is the spacing between the two slits?

Q9. In an accelerator experiment on high-energy collisions of electrons with positrons, a certain event is interpreted as annihilation of an electronpositron pair of total energy 10.2 BeV into two γ-rays of equal energy. What is the wavelength associated with each γ -ray? (1BeV = 109 eV)

Q10. The number of silicon atoms per m^3 is 5×1028 . This is doped simultaneously with 5×1022 atoms per m³ of Arsenic and 5×1020 per m3 atoms of Indium. Calculate the number of electrons and holes. Given that $ni = 1.5 \times$ 1016 m⁻³. Is the material n-type or ptype?

BLENDED LEARNING: THE FUTURE OF EDUCATION

famous saying states 'Learning should never stop'. Keeping this in mind, in 2020, the students were taught by using tech via online teaching, due to infamous evil Coronavirus! It sounds interesting to get school learning at home, as the travelling time is reduced and the monotonous school environment is avoided.

Many would think that online teaching is fun and beneficial. Well, even if technology has supported learning, it has somewhere distracted the in physical class, a child is inleast some knowledge, re- classes while talking, eating, fline exams.



so. Nevertheless, online teachfluenced by his peers and sur- ing makes a child an all-

young generation too. When gardless his interest in doing bathing, and even sleeping. This versatility available to a child in online learning makes roundings, to study and get at rounder, as he can take his him incompatible of facing of-

A clarity is required here, that online teaching has been helpful throughout the pandemic, as it kept students in pace with the education. If, even after e-learning, children lagged a year behind their standards, the scenario without it would be dreadful even to think. After analysing and expe-

riencing the whole situation, one could easily understand the right way of blended learning which is indeed the future of education. The correct method to mix technology with education is surely not to take the school classrooms in a screen, instead bringing the screens in real classrooms, maybe in the form of smart boards, robots, tabs etc is advantageous. As going to school is not just about academics, it is about an overall development of an individual.

CHHAVI, class XII - A, SAM International School, Dwarka

'Jugalbandi' at The Indian School

■ he Indian School- Second Shift, Josip Broz Tito Marg, hosted its online annual inter school music and dance competition 'Jugalbandi-2021' on December 11, 2021. The theme of the competition was United Nations' Sustainable Development Goal (SDG) number 13, 'Climate Change' and SDG number 15, 'Life on Land.'

students of classes 6 and 7. Students from 17 eminent schools from Delhi and other states, like Delhi Public School, Kalyanpur, Mount Carmel School, New Delhi, Shiv Nadar School, Gurugram, Tagore International School, New Delhi participated in the same. The event was graced by a member of

The competition was open to



the managing committee Dr Nayana Goradia who directed the participants to take positive action in their endeavours. Also,

the acting Principal Sukhmeen Kaur Cheema motivated the students with her sage advice.

The dance competition was a portrayal through an amalgamation of folk dances of North and South India. Whereas, the second event of music consisted of performance through the coalescence of folk songs of North India

The first position in the dance category was a tie between Sunbeam English School, Bhagwanpur, Varanasi, UP and The Indian School-Second Shift, New

Under the music category, the first position was secured by Sunbeam English School, Bhagwanpur, Varanasi, UP.

Doon Public celebrates

oon Public School, Paschim Vihar celebrated Poshan Maah campaign last year to inculcate the values of generosity and kindness. In order to sensitise the students and generate mass awareness regarding the under-nutrition, Doon Public School conducted an activity wherein the students had to offer a nutri-



child from the underprivileged sections of the soo n e ciety, living in their neigh- 12 participated in this cam-

bourhood. Students from class 1paign wholeheartedly. This, not only helped the children understand the nutritional values of the meal but also imbibed a sense of social responsibility, inclusion and volunteerism in them.

In addition to this, a School Nutrition Garden (SNG) is also planted in the school campus. It aims towards addressing the problem of malnutrition and micro nutrient deficiencies by consumption of freshly grown vegetables. For better learning and understanding of the topic, the students also became a part of a virtual ceremony conducted by Seth Anandram Jaipuria School for the launch of health education curriculum for

he Wheel Pose-Cultural Asanas for PHASE-2 (AFTER MASTERING forward bending of the spine. The body takes a wheel-like, semicircular posture while performing this asana. The dynamic variation of the anterio-posterior Chakrasana, evolved by Shri Yogendraji, offers an excellent exercise to the mid-trunk and the spine especially, the cervical and lumbar re-

Starting position: Stand erect with hands at their respective sides. Keep the feet parallel to each other and maintain a distance of 20 inches between them. Keep the neck straight, chest thrown well forward, the abdomen in nor-

mal contour and the chin drawn

in. Focus the eyes at one point, straight ahead. Return to starting position (for all phases.)

PHASE-1

1. Inhaling clench the fists and raise backward until they come to a verthe arms up, keeping the arms close to tical position.

2. Interlacing the fingers of the up- onds, with the breath suspended (fistretched arms, above the head, arch nal position). back the spine, keeping the lower body, below the waist fixed. Complete the above steps in 3 seconds, while inhal-

3. Immediately, exhaling, in 3 seconds, unlocking the fingers, bend forward and downwards with the up-stretched arms in position (ie kept close to the ear) to touch the ground.

4. Maintain this position for 6 seconds, with the breath suspended (final posiPHASE-1)

1. After attaining the final position of phase-1, continue to bend the upper part of the body, till

the fore- 🛦 head comes in line with the knees. 2. Maintain this position for 6 seconds, with the breath suspended (final position). PHASE-3

(AFTER MASTER-ING PHASE-2) After attaining the final po-

sition of phase-2, freely swing the arms, straight, upward and

2. Maintain this position for 6 sec-

PHASE-4 (AFTER MASTERING PHASE-3)

1. After attaining the final position of Phase-3, interlock the fingers of the upturned arms and leverage it to extend the bend of the body till the head crosses the knees.

2. Maintain this position for 6 seconds, with the breath suspended (final position). Inhaling, bring the arms down to touch the ground (unlock the fingers in

3. Then slowly lift the body to return to the upright starting position, ensuring the arms and head are kept in position, to complete 1 round. Complete the above steps in 3 sec-

onds, while inhaling. RECOMMENDED PRACTIC

onds, gradually taking it up to 1/2 minutes with regular practice. Breathing should be normal-slow and rhythmic.

BENEFITS OF CHAKRASAN

Practice 3 rounds, with pause in-

between rounds. In case of static pose,

maintain the final position for 30 sec-

THE WHEEL POSE Strengthens both the superficial and deep muscles of the chest

and waist. Develops the muscles of the back, neck, spine and shoulders.

The anterior stretching of the major and deep abdominal muscles causes favourable changes in the abdominal pressure and stimulates the intestines.

Rouses sluggish liver and colon and provides relief in case of constipation.

Courtesy: The Yoga Institute,

Yoga should be practiced under the supervision of Yoga Guru. The views expressed in the above article are those of the author and the newspaper takes no respo

gold in Taekwondo hushboo Rana, stu- it your all. Khushboo Rana dent of class IX in chose the last choice and per-Shaheed Bishan formed admirably in the game,

Khusboo Rana wins

Singh Mem Sr Sec putting forth her all-out effort School, Mansarover Garden, and giving it her all, resulting

brought laurels to school by winning gold medal and a scholarship of Rs. 1 lakh from Government of India in the Sub Junior Category of National Pencak Silat (Taekwon-Championship, held at M

D University, Haryana. She

her incredible game. the game: give up, give in, or give

even got direct entry to the in a proud moment for every School Asian Games-2022, to be one. Chairman H S Hanspal and held at Canada, after displaying principal Puja Singhal congratulated and honoured her Pencak Silat teaches us that parents for this great achievethere are only three ways to play ment and wished her all the best for her future

about a place from nature, histo-

ten to other students and vote for

the best presentation. In five

rounds, starting from the class lev-

el competition, every student gets

a chance to become the all India

winner. The initiative was highly

appreciated by the parents. They

vere happy to see their children

earning to research and present.

Dr APJ Abdul Kalam - An inspiring soul

reats are not born every day; they are born once in a rarity and are remembered for millennials to come. One such great, Dr APJ Abdul Kalam, 'The Missile Man of India', the 11th President of India and the child lover was a kindhearted person with a positive attitude. There is always a story behind

every success, Dr APJ Abdul Kalam said. Dr APJ Abdul Kalam was born on October 15, 1931, in the temple town of Rameswaram, located in Tamil Nadu. He was born to a very poor Tamil Muslim family. His father was a boatman, and his mother a housewife. Since his financial conditions was not good, he started to support his father at a very young age of eight and when his classes were over, he along with his cousin Shamsuddin start-

ed distributing newspapers around the town. However, poverty did not stop him from achieving goals. He sold newspapers, collected tamarind seeds, and sold



them to a provision store in Mosque Street. He also faced the biggest myth in society i.e., social inequality.

Another difficult phase was when he wanted to join the Airforce, but could not get through the positions. He was disappointed and this chalked a new path for him. He opted for the second option and joined DTD&P at the Ministry of De-

INSPIRING ICONS DR APJ ABDUL KALAM

fence as a Senior Scientific Assistant and then he did several projects in which he built a hovercraft named 'Nandi'. He worked at NASA, then went to Goddard Space Flight Centre (GSFC) in Maryland. Later, he joined ISRO and became the project director of SLV3. As Kalam never stopped and kept going, India launched its first ever satellite into the orbit named 'Rohini' on July 18, 1980. And what a great story he made, becoming the 'Missile Man of India'. When the rule of K R Narayanan's presidency came to an end, the country needed an inspirational leader and Dr APJ Abdul Kalam became the President of the people to serve the country.

Just as a boy from a small village can overcome all obstacles in his life and go on to achieve stupendous success in his life, every person has the potential to outshine everything in the world and set examples for the rest. ZAINA SHAHRAN, CLASS VII, CITY

MONTESSORI SCHOOL, CHOWK, LUCKNOW

In this championship, students have to give a 4-minute presentation **REJUVENATING SPIRITS,**

DHRUV TANWAR

HÀMNA TANVEER

Hamdard Public

class VIII C,

Pusa Road

class VIII-E,

yan Group of Institutions be-

lieves in all round develop

ment of students. Under the

able guidance of Chairman

Dr A F Pinto, **Ryan International**

School, Sector-31, Gurugram has organised All India Ryan Championship

The Young Ambedkar' for the stu-

UNLEASHING VITALITY he Decoration Committee of **St Michael's** Sr Sec School, 3, Pusa Road, New Delhi organised a special new year's assembly. Under the leadership of Dolly Bhasin, the assembly was conducted on December 31, 2021 to pray and evoke the Almighty's blessings especially during the pandemic.

Students of classes 6 and 7 participated in the celebration program. It paved the way for the students to rejuvenate their spirits, remain rooted in their vitality. The assembly began on a pious note with a special prayer thanking the Almighty for the unique gifts given to each child and seeking blessings for the pandemic. Students high-



lighted the importance of the day and shared their new year resolutions for a better year and fresh starts.

School manager Rev Fr Savrimuthu Shankar expressed moral values and unleash their his good wishes for the coming year. Principal Rev Fr Jas Elanjikal showered his good wishes, blessings and reflected on a meaningful new year urging the children to love and serve oththe safety of the students amidst ers by being the light of the

Teaching significance of democracy

un Valley International School, Vaishali, Ghaziabad initiated its first electoral literacy club (ELC), with an aim of making the students to understand the significance of democracy and vote.

In this direction SVIS conducted number of ELC campaigns, to educated students about the importance of vote towards making India a better India, to train students in the electoral process and encourage students to ensure that all eligible voters around them ex-

ercise their franchise. SVIS planned a series of activ-



ities like poster making competi- In this campaign, performances of tion, slogan competition, essay writ- our students are being promoted using competition and rangoli mak- ing You Tube media channel. All ing competition to make students campaigns were planned based on understand the value of their vote. theme 'Vote for a better India'.

FREE LIVE WEBINAR

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CLICK HERE TO REGISTER NOW

Saturday Time January 05:00 PM-15.01.2022 07:00 PM

Note:- Parents should attend the

Contact Us- 8097758902

✓ Student Age Group 8 Years & Above

webinar along with the child.

With Master Trainer Amrut Jadhav

FOUNDER OF BRAIN INFINITE AUTHOR OF YOU CAN HAVE A JUMBO MEMORY INTERNATIONAL MEMORY ATHLETE & COACH

#THEGADGETLIFE

TUESDAY, JANUARY 11, 2022



Check out visionary technology on display at the world's largest annual consumer technology trade show, which was held at Las Vegas, Nevada in January this year



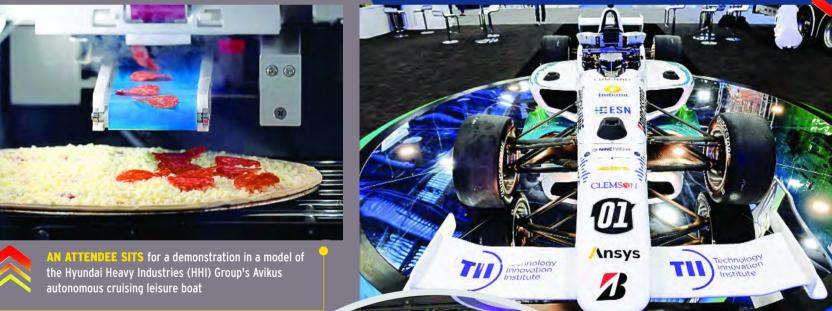
GENTEX VAPORSENS NANOFIBER sensor technology for monitoring a vehicle's cabin air quality and identifying potential airborne contaminants are displayed during the Consumer **Electronics Show (CES)** on January 6, 2022 in Las Vegas, Nevada. - Air purifiers, sensors to prevent a child from being forgotten in the car, intelligent sun visors: there are more and more tools available to make motorists feel safe in their car. The idea is to transform the vehicle 'into a sort of healthy cocoon

THE INDY Challenge's Dallara AV-21 fully autonomous race car



cruising leisure boat during the Consumer Electronics Show (CES) on January 6, 2022 in Las Vegas, Nevada.

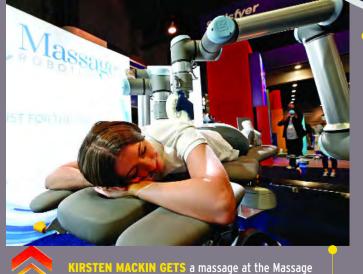
AN ATTENDEE SITS for a demonstration in a model of the Hyundai Heavy Industries (HHI) Group's Avikus autonomous





ION'S DS30W hydrogen fuel cell drone

Robotics booth



by Japanese startup Shiftall



A DRUMMER PERFORMS with a drum robot moving four electronic drums as part of a demonstration at the Doosan

booth at CES 2022

The robot can be used for smart farming with the ability to measure the sweetness of fruits and harvest them without bruising. It can also be used for seeding, watering, planting and pesticide spraying.

TOP med gadgets

Pulse Oximeter ₹500 to ₹2,500



Dulse Oximeter has become one of the most important medical gadgets during the pandemic that everyone should have at home. As it is important to monitor blood oxygen level of coronavirus patients. Just make sure to go with the one that also shows pulse reading. Oximeters are available starting from Rs 500 to Rs 2,500 online as well as offline medical stores.

Contactless thermometer ₹1,000



ontactless or IR thermometers can measure body temperature from a distance of 1-2 inch distance without any physical contact. This helps reduce the chance of contamination. These thermometers can be easily found on online and offline stores for as low as Rs 1,000.

Digital blood pressure monitor ₹3,000



Digital blood pressure monitor is also a handy medical device to keep at home. A decent blood pressure monitor costs around Rs 3,000.

> Glucometer ₹500 - ₹3,000



lucometer is a must for all diabetic patients to keep track of their blood sugar levels. Price of a decent glucometer ranges between Rs 500 and Rs

> **UV Steriliser** ₹1,000



V radiation is known as disinfectant for non-porous surfaces, air and water. Gadgetsnow