



THE TIMES OF INDIA

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TODAY'S EDITION

Students and educators share their views on different issues
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Rare skills that could become your newest hobby.
How you can make broccoli (the veggie) interesting
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STUDENT EDITION

MONDAY, DECEMBER 7, 2020

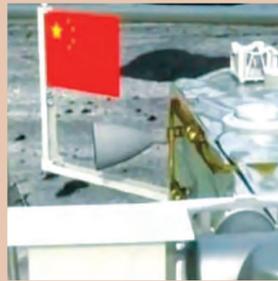


WEB EDITION

CLICK HERE: PAGE 1 AND 2

China unfurls its flag on Moon before return trip to Earth

More than a half-century after the US astronauts first planted the Stars and Stripes on the Moon, China replicated the feat — though unmanned — by unfurling its Red flag on the lunar surface. Chang'e 5's ascent vehicle lifted off on Thursday night with a load of lunar rocks, the first stage of its return to the Earth.



The flag was unfurled with a rod-type structure that is applied in solar panels extending for satellites and other types of spacecraft

THE MISSION

The probe touched down on Tuesday on the Sea of Storms for a mission to collect about 4 pounds of rocks and bring them back to Earth — the first return of samples since a Soviet spacecraft did so in 1976

The lander, which remained on the Moon, drilled about 6 feet into the surface and scooped samples — as well as photographed the area and used ground-penetrating radar to check for minerals and water

Remote-controlled cars to fly to the MOON FOR A RACE!

Yes, you heard it right. In a first, a pair of remote control race cars will soon be landing on the Moon to race across the lunar surface. They will be driven by high school kids.

According to a report in Daily Mail, Moon Mark, an entertainment and education company is all set to sponsor the race that will see students compete to design and drive one of

INTO THE FUTURE the two racers. Once on the Moon, the lander, called the Nova-C, will touchdown the sandy dunes of Oceanus Procellarum, a plain near the western edge of the Moon and now soon-to-be race circuit.

Each car will weigh 2.5kg and the lander to get them to the surface will weigh another 3kg approx



HOW IT WILL WORK

- The winning teams will work with McLaren PI designer Frank Stephenson to create a vehicle that will race across the low-gravity environment of the Moon
- They will be launched to the Moon on a SpaceX Falcon 9 rocket in October 2021 and descend to the surface inside the first privately-developed lunar lander
- After eight-weeks of qualifying by high-schoolers from around the world, six teams of five members will compete to become the final two that race on the Moon
- The students will compete in a series of qualifying challenges that include unique demands, such as drone and autonomous vehicle racing, e-gaming and a space commercialisation entrepreneurship contest
- Their adventures will be captured, produced and globally-distributed by Moon Mark
- The two racers will deploy on the Moon via the Nova-C lander by Houston-based Intuitive Machines, following a SpaceX Falcon 9 launch in late 2021

FACTOID

That's the amount of global debt, which the world is set to reach by the end of the year, according to S&P Global forecast. It is 265% of the world's annual economic output. The credit ratings giant said it amounted to a 14-

\$200 TRILLION

point rise as a percentage of the world GDP, having been amplified by both the economic plunge caused by Covid, and the extra borrowing that governments, firms and households have had to resort to in the past few months

Quote unquote

Somebody said to me at the beginning of the pandemic, it's almost as though mother nature has sent us to our rooms for bad behaviour to really take a moment and think about what we've done. It certainly reminded me about how interconnected we all are, not just as people but through nature. We take so much from her and we rarely give back. Every single raindrop that falls from the sky relieves the parched ground. What if every one of us was a raindrop? If every single one of us cared? We do because we have to... because at the end of the day nature is our life source

PRINCE HARRY



IN THE NEWS

PRAYAGRAJ STUDENT IS PETA'S 'VOLUNTEER OF THE YEAR'

The People for the Ethical Treatment of Animals (PETA) India has named O P Jindal Global University's student Ayan Banerjee as its 2020 'volunteer of the year'.



- According to PETA, Ayan, 18, is a vegan, and he joined PETA India's volunteer ranks two years ago. Since then, he has been working to inform young people about animal rights
- He has visited schools in Mussoorie to give talks to students on the benefits of vegan eating. In collaboration with the Allahabad museum, Ayan also took part in a 200-kilometre run — visiting numerous colleges, distributing leaflets, and spreading the word about vegan eating

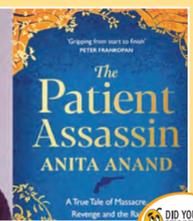
ANITA ANAND'S 'THE PATIENT ASSASSIN', BASED ON JALLIANWALA BAGH MASSACRE, WINS PEN HESSELL-TILTMAN HISTORY PRIZE

British Indian journalist and author Anita Anand's book that tells the story of a young man caught up in the 1919 Jallianwala Bagh massacre in Amritsar has won a prestigious history-literary prize in the UK.

'THE PATIENT ASSASSIN A TRUE TALE OF MASSACRE, REVENGE AND THE RAJ' beat six other titles for the PEN Hessel-Tiltman Prize for History 2020, awarded annually for a non-fiction book of specifically-historical content. The judges described it as a "genuine historical classic"

NEWS IN BRIEF

HONOUR



English PEN (Poets, Playwrights, Editors, Essayists, Novelists), is one of the world's oldest human rights organisations championing the freedom to write and read. It is the founding centre of PEN Int'l, a worldwide writers' association with 145 centres in more than 100 countries

TWITTER EXPANDS HATE SPEECH RULES TO INCLUDE RACE, ETHNICITY

Twitter Inc has expanded its policy barring hateful speech to include "language that dehumanises people on the basis of race, ethnicity and national origin." Civil rights group 'Colour of Change', part of a coalition of advocacy organisations that have been pushing tech companies to reduce hate speech online, called the changes "essential concessions", following years of outside pressure.

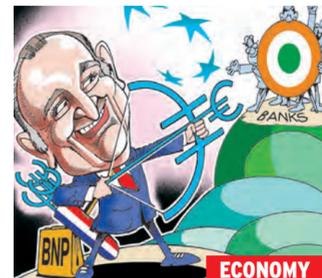
Last year, the company had banned speech that dehumanises others, based on religion or caste, and updated the rule in March to add age, disability and disease to the list of protected categories



TECH BUZZ

INDIAN ECONOMY IS GRADUALLY RECOVERING: IMF

India's economy severely affected by the coronavirus pandemic is gradually recovering, the International Monetary Fund said. India's economy recovered faster than expected in the September quarter, as a pick-up in manufacturing helped GDP clock a lower contraction of 7.5 per cent and held out hopes for further improvement on better consumer demand.



ECONOMY

Fiscal, monetary and financial sector measures announced to date provided the much-needed support to the economy, including businesses, agriculture and vulnerable households, IMF chief spokesperson Gerry Rice said in response to a question on the IMF's assessment of India's economy during the coronavirus pandemic

NUMBER-O-LOGY 72 MILLION

Primary school aged children run the risk of pushing into "learning poverty" — unable to read and understand a simple text by age 10, according to the World Bank. School closures as a result of Covid-19 have left most students on the planet out of school — 1.6 billion students at the peak in April 2020, and still almost 700 million students today, according to reports. In responding to the pandemic, education systems have been forced to rapidly implement innovations in remote learning at scale. However, the huge digital divides and inequalities in the quality of parental support and home learning environments is amplifying learning inequality

2020 on course to be one of three WARMEST YEARS ON RECORD

Climate change continued its relentless march in 2020, and is all set to be one of the three warmest years on record...



ENVIRONMENT

- According to the World Meteorological Organisation, 2011-2020 will be the warmest decade on record, with the world getting warmer since 2015
- The most notable warmth was observed across northern Asia, particularly the Siberian Arctic, where temperatures were more than 5 degrees Celsius above average. Siberian heat culminated in late June, when it reached 38 degrees Celsius at Verkhoyansk some time back, provisionally the highest-known temperature anywhere north of the Arctic Circle
- Ocean heat is at record levels; more than 80 per cent of the global ocean experienced a marine heatwave some time in 2020
- Despite the Covid-19 lockdown, atmospheric concentrations of greenhouse gases continued to rise, committing the planet to further warming for many generations to come



The global mean temperature for January to October 2020 was around 1.2 degrees Celsius above the 1850-1900 baseline, used as an approximation of pre-industrial levels

Now, NASA grows RADISH in space

The social media was taken by storm recently, when NASA astronaut Kate Rubins shared photographs of the Plant Habitat-02 (PH-02) experiment aboard the International Space Station (ISS), with radish saplings growing on the floating space lab. The multiple researches conducted in the microgravity conditions of the ISS have greatly helped researchers down on the Earth to learn more about space-farming. They have managed to learn how plants would react to different space stimuli, if they can survive under red or blue light.



According to NASA, the radish was chosen as it is a "model plant." Radishes are a great source of nutrition and have relatively short cultivation period. Otherwise, the most-studied plant in microgravity is Arabidopsis, a plant similar to mustard and cabbage; but it's not as widely consumed or filling as radish. The plants growing without

gravity may have difficulty in rooting to the soil. So, the seeds there are sown into "pillows" and fertiliser and water is distributed properly across the growing saplings. The plants have been growing for 27 days now, with little maintenance from the crew. The plants will be harvested by the crew soon and sent to Earth for analysis

Battle of the chefs

General Raj's School Hauz Khas, conducted an innovative and unique competition when it organised a Virtual Intra School Cooking Competition. Members of the school Cooking Club, known as Cheftastics à "were given an opportunity to showcase their culinary skills. There were five competing teams of students from classes 6 to 10. Each team had teachers/mentors who guided the students.



and they were informed that their performances would be judged on the basis of Presentation, Team-

work, Integrity and the Difficulty level of the preparation. The Team with the best Presentation would take home the Virtual Cheftastic Hat Trophy. The budding chefs had the chance to show their great creativity in preparing and presenting their dishes. All the participants waited with bated breath for the judges decision who had a tough time in deciding the winner. The event ended with the students discovering the hidden chefs within them and thoroughly enjoyed the process of self discovery.

A session on nutrition and wellness in pandemic

The Interact Club of ML Khanna DAV Public School, Dwarka organised a session on Nutrition and Wellness in Pandemic as part of World Interact Week Celebration.



The session was mentored by a renowned health and nutrition expert Vaishali. She is the founder of an institute helping people in maintaining their fitness and wellness. Through

an interactive session the resource person elaborated the practice of consuming and utilizing foods and some basic principles of

clean eating. Benefits of good nutrition and weight management were explained in detail. The guest speaker also shared

some remarkable parenting tips and a splendid healthy meal swapping menu. The enriching session was very beneficial for students. Queries and concerns of the students were satisfactorily addressed by the speaker. The elevating program ended with students expressing their gratitude to the speaker for empowering them with important tips for good health.

The more we share, the more we have

The students of ASN Int'l School, Mayur Vihar organised a Special Assembly on the theme 'The More You Share, The More You Have' which was depicted by class IV. The assembly reflected the lesson of living life for others and attaining the state of blessedness. Soaking in the spirit of the true meaning of Karma, the students presented a story of Dhruv and how he became a star. A dance performance on the theme was a treat to everyone's eyes. This short, rather informative assembly was presented with an objective of the more the energy we spend in elevating and serving others, the more the divine energy will flow to us. The motto of

the school 'Faith & Follow, Act & Achieve, Serve & Smile' was resonated in this online assembly. Not only the



zeal to celebrate Giving was highly appreciated by the school heads Shivani Khanna and Priyanka, but also everybody was stunned to watch this massive outpouring of generosity

Believe with all your heart, achieve with all your might

Red Roses Public School, Saket won the Rolling Trophy in the 17th ML Budhraj Memorial Inter School competitions organised on line by Mother Divine Public School.



Debansmit Sarkar (IX) secured top position in Myriad Spectrum - 'Paint for Hope' on experience after pandemic. Second position was bagged by Parish Mishra (XI) for her talk on 'Building Adaptability by Mathematics'; Viplav Panghal (XI) for 'creating ripples and transforming lives' in 'Talking Titans'; Samyak Srivastava (XII) for his power point presentation on 'Innovation to Adaptation' and Vatsal Panghal (VII) for emoting expressions in 'Mishmashing Contours' won III po-

sition each; Consolation awards were won by Sakshi Tyagi and Mahi Kapoor of class XI in 'Shabdon ka Sangram', Vaanya Sinha (III) for preparing North Indian delicacy in 'Young Culinarian' and Tejas Gupta of pre-primary in delivering a monologue on artificial intelligence in 'Digital India' events.

Red Roses also won the Rolling Trophy in Com-Conclave organized by Gyan Bharati School by bagging the first position in 'Komiksy - A comic Strip' participated by Shreya Roy Chowdhury and Akhil (XII), and award of 'Wonderful Performance' for 'Kootneeti' in creating a response plan by Samyak Srivastava (XII), Tanzil Shandilya and Anagha Nambiar (XI).

Recognising efforts towards the betterment of the quality of education

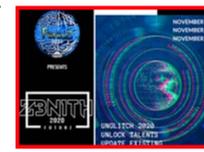
The principal of Modern Public School Shalimar Bagh, Alka Kapur was felicitated with the CBSE Teachers and Principals Awards 2019. This honor is bestowed upon the selected teachers and principals from all over the country by the CBSE board itself, after a rigorous process of examination. The award was presented by



Ramesh Pokhriyal, Human Resource and Development Minister, Government of India. Every year, teachers and principals from over 20,000 CBSE affiliated schools in India and abroad apply for this award, but among those, only 15 principals and 24 teachers are selected for the honor and Alka Kapur has been chosen as one of the top 15 principals all over the world.

An inter-school tech fest

The Futurz Club of Air Force Golden Jubilee Institute, Subroto Park hosted its annual inter school event Z3NITH'20. The following online competitions tested the technical expertise and creative skills of the participants: 2 Minutes of Frame: explored the movie making and AV ed-



iting skills of the participants, Vortex : showcased the cre-

ativity of the participants through app and web development. Arena of Valor: Tested the gamers on Valorant. Students from more than 20 schools participated for the preliminary and final rounds held on 2 days. The results of all the events were declared in the closing ceremony. Having been the winners in two out of three events, the Z3NITH Cup was won by The Indian School.

Student Corner

DAKSHITA, VI, DAV Public School, Puspanjali Enclave

SREYANSHI CHOWDHURY, THE INDIAN SCHOOL, SADIQ NAGAR

ROHIN ARORA, IV, Inspire School, Paschim Vihar

Celebrating the richness of MOTHER NATURE

An online session for eco club students of Ryan International School, Sec 25, Rohini was conducted on Earth Day. The guest speakers of the session were Anil Arora, Director Partnership Earth Day Network and Rakesh

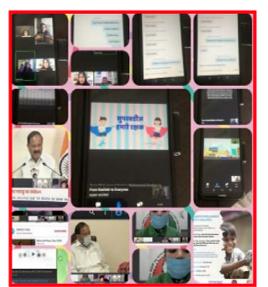


khatri, Director, Eco Roots foundation. During the session the young Ryanites were sensitized towards energy conservation and planting more and more trees. Students were also guided about the significance of the Earth Day. They were motivated by the speakers to make the Earth Clean, Green and Beautiful by taking steps at their personal level. At last they encouraged the students to celebrate every day as Earth Day.

Child right's day

The teachers and students of Govt Sr Sec Residential School, Najafgarh have participated in online session with the chairperson of National commission of protection of the child rights (NCPDR) and shared their concerns on child safety and sexual harassment. Animated videos were also launched during this inaugu-

ral session. An online programme was organised under the leadership of Vice President of India, Smiriti Irani and activists. Youth parliamentarians from the various parts of the country presented their views. School students and teachers also participated in an online programme on climate change and raised their concerns in a question and answer session.



THE EDUCATIONIST

Your child's self worth begins with you

SMILEY CHAUHAN, COUNSELLOR, AMITY INT'L SCHOOL, MOHALI

You are not good enough. You are unlovable. You are non-deserving.

What happens when a child is raised receiving such messages? What happens when a child grows in such an environment? Yes! The child ends up believing that they have no other choice, but to simply accept the damaging and derogatory remarks that are said to them, and we begin to raise children who only know their value through the worth others place on them. But why does it happen? Many parents themselves struggle with the understanding of what is beautiful or good enough, and because of what they believe they set up a standard for their children as well.



Smiley Chauhan, Counsellor

If you wish to improve your child's self-worth, you need to first allow yourself to feel better about your own self. Accepting the pain and allowing yourself to be honest with who you are, is a big step towards loving yourself which in turn teaches your child to not only accept the aspects which bring joy and happiness but also the ones that cause fear, insecurity and anger in our lives. As Douglas Malloch had said, "If you can't be a pine on the top of the hill, be a scrub in the valley, but be. Be a bush, if you can't be a tree. If you can't be a bush, be a bit of the grass. If you can't be a highway, then just be a trail. If you can't be the sun, be a star; it isn't by size that you win or you fail. Be the best of whatever you are." To cultivate a mental attitude of self love and high self-worth, let's not teach our children to imitate others but to find and be ourselves.

Express YOURSELF

ACT OF KINDNESS IN COVID TIMES

Around a month ago, a female dog gave birth to a litter of six puppies in a vacant plot behind my house. I saw many children helping the puppies by making a makeshift shelter and feeding them milk and eatables. Their generosity moved me and I got inspired to do my bit; I also started feeding the family regularly. Sadly, a week ago, one of the puppies was run over by a speeding car. With the help of my paternal uncle we buried its body. I couldn't sleep that night and prayed for the departed soul. The problems were not over for the hapless canines as two days ago, another puppy's hind leg got stuck under a car. I told the driver to adjust the steering wheel so that the puppy could be free. Alas, it came out limping and whining in pain. I immediately took the



pup home and applied ointment and bandage to its injured leg. I let it rest for some time and then carried it to its mother. For two days I looked after the puppy by massaging its leg with oil. I am so glad that the puppy is fine now and is prancing around with its family. Let's keep inspiring each other with acts of kindness and make best use of this Covid time.

VIVAAN, class IV, Saupin's Public School, Panchkula

BEING ON STAGE BRINGS ME JOY

Since kindergarten days I have loved being on stage. There wasn't an event or competition which I had not participated in. Every time I set my foot on stage I feel blessed and confident, thanks to the platform that gives me space to express myself freely. Be it to receive a memento, award or a performance, the stage for me is a happy place. After every performance I would feel like on the top of the world, more relaxed and thankful for the appreciation. Due to the pandemic, real classroom became virtual, and so did the platform to perform. But honestly I miss the joy of performing in front of a crowd; the cheers, boos, hoots and claps. The sea of emotions one goes through before and after a performance can't be felt through a recorded video. It just feels different - a little detached. The stage has taught me a lot and I can't wait to get back on.



fla screen can't make up for it. The sea of emotions one goes through before and after a performance can't be felt through a recorded video. It just feels different - a little detached. The stage has taught me a lot and I can't wait to get back on.

BHAVYA GULATI, class XII, Bhavan Vidyalaya, Panchkula