



THE TIMES OF INDIA

www.toistudent.com

CLICK HERE: WWW.TOISTUDENT.COM

STUDENT EDITION



MONDAY, JULY 20, 2020

WEB EDITION

TECHNOLOGY



Five things TO KNOW

It promises a new era of technology, but super-fast 5G networking is one of the factors that has put Sino-US relations into a tailspin. Recently, in response to the US sanctions on Huawei, Britain too ordered the staged dismantling of the equipment made by the Chinese telecom giant from its 5G network. Here are five things to know about the next generation of telecommunications...

- It is the fifth-generation successor to 4G technology, which is a decade old, and struggling to keep pace with global broadband demand. The rollout of 5G promises radically quicker transfers of data, heralding major changes to an array of products and services—from self-driving cars to remote surgery. On the entertainment front, users will be able to download a high-definition movie in a few minutes, compared to an hour or two.
- It's not just about speed of downloads and uploads; 5G brings much lower "latency" than the 4G. In other words, the time lag between a command being sent by a user and a device acting on it will be reduced. It will help surgeons operating on patients from afar, using augmented reality glasses. Besides, the most visible gain from lower latency could be with the widespread advent of autonomous cars. But, these will need 5G networks to cover huge areas.
- The technology is already in wide use in South Korea and for fixed internet lines in some US cities. It is also available in parts of Europe and Asia.
- According to mobile communications industry body, GSMA, only one in five mobile connections, will be running on 5G networks by 2025, globally. South Korea's Samsung and China's Huawei has already offered 5G-enabled smartphones; Apple is yet to launch a compatible model with 5G technology.
- To bring the promised speeds to the masses, 5G requires a whole new infrastructure of masts, base stations and receivers. Among the networking companies in the race are: Huawei, Sweden's Ericsson, Nokia of Finland, Samsung and NEC of Japan. Mobile operators are expected to spend \$1.1 trillion worldwide by 2025 in investment, 80 per cent of which will be on 5G networks, according to the GSMA.

Why have some governments banned the Huawei equipment? US intelligence agencies allege that Huawei has links with the Chinese government, and that its equipment could contain "backdoors" for use by government spies. However, no evidence has been produced publicly, and the firm has repeatedly denied the claims.



THE CHALLENGES

According to experts, the forecasts highlight the huge challenges to the economic growth of a shrinking workforce, the high burden on health and social support.

India's population may peak to 1.6 billion in 2048

Scientists have predicted that India's population may peak at about 1.6 billion in 2048, and decline by 32 per cent to around 1.09 billion in 2100, when it is also expected to be the world's most populous country.

■ According to researchers, there may be dramatic declines in working age-populations in countries, such as India and China, which may hamper economic growth and lead to shifts in global powers. ■ According to the study, the number of working-age adults in India is projected to fall from 762 million in 2017 to around 578 million in 2100, compared to that of China, where number of workers are estimated to decline from 950 million in 2017 to 357 million in 2100. ■ It said that India may be one of the few major powers in Asia

The research also predicted huge shifts in the global age structure, with an estimated 2.37 billion individuals over 65 years globally in 2100, compared with 1.7 billion under 20 years.

to protect its working-age population over the century. ■ The world could be multi-polar at the end of this century, with India, Nigeria, China, and the US, emerging as the dominant powers, it added.

According to the study, the world population will peak much earlier than previously estimated. It projects the peak at 9.73 billion in 2064, which is 36 years earlier than the 11 billion peak projected for 2100 by the UN report World Population Prospects last year.

POINTS TO REMEMBER BEFORE YOU START BLOGGING



BLOGGING TAKES A LOT OF EFFORT: Do not be fooled into thinking for a moment that it's as easy as it looks. You need to put in time and energy into writing, rewriting, editing, researching, sourcing images, etc. Once published, you also have to spend time promoting your blog on various networks. Be prepared to work hard. Also, be prepared to not have much of an audience in the beginning.

CHOOSE A NICHE: There are millions of blogs out there, and the only way to stand out in the noise is to have a niche and stick to it. You should write about something you are knowledgeable as well as passionate about, because that's the only way you will be able to produce good and engaging content.

THERE IS NO HARM IN STARTING SMALL: If you are starting a blog for the first time, it is possible that you are not entirely sure how things will go. You might love it, or you might decide after a few weeks or months that blogging isn't really your thing. Hence start small with a free site.

NOTHING BEATS GREAT CONTENT: Your audience will come to you for what you write, not because you have a killer blog theme or a funny blog name. The best way to build an audience is to put up well-written and engaging content, and to do so consistently. Interesting content gets shared, and gradually expands your reach.

YOU WILL NEED TO LEARN NEW THINGS: Unless you are already in a technical field, chances are that you will have to pick up a lot of new skills as you get serious about blogging. Every blogger needs to understand basic SEO and analytics, and keep abreast of the changes that keep happening courtesy Google. The good news is that there are a ton of resources out there offering tips and guidance.

ALWAYS BE YOURSELF: Develop your own style and voice, and don't be afraid to say what you feel.

FEEL GOOD

Israelis are hugging trees instead of humans to beat pandemic blues



Can't embrace friends and family these days? Hug a tree instead. That is the message Israel's Nature and Parks Authority is spreading on social media to try to help people overcome the sense of detachment that coronavirus social-distancing rules can bring. "In this unpleasant corona period, we recommend people around the world to go out to nature, take a deep breath, hug a tree, express your love and get love," Orit Steinfeld, the authority's marketing director, said. At the Apollonia National Park, about 15 km north of Tel Aviv, tree-huggers are availing it gleefully.

Israel's tree-hugging campaign follows a similar endeavour launched in April by Iceland's forestry service.

FASHION



Fashion week goes digital

The digital Paris Haute Couture Week in early July saw collections showcased through films, computer-generated imagery (CGI) models and socially-distanced boat rides.

- It featured designers, such as Christian Dior, Giambattista Valli, Chanel, Maison Margiela and Valentino.
- Before this, British Fashion Council's digital London Fashion Week featured interviews, podcasts, webinars and digital showrooms.
- Digital fashion weeks are being hailed as an eco-friendlier alternative to the traditional shows that have a massive carbon footprint.

NEWS IN BRIEF

Canon, Epson and Nikon—three kids—live in a house called Click

The newly-built house of a photographer couple Ravi and Krupa Hongal in Belgaum, Karnataka, which resembles a giant DSLR camera, has become a sensation on social media. Named Click, the house is also home to three kids, Canon, Epson and Nikon.

- The three-storeyed camera-shaped house located in Shastri Nagar is an expression of passion and love for the art of photography of the couple, whose children, three boys, have been named after the iconic camera brands.
- Their names, 'Canon', 'Epson' and 'Nikon' feature prominently on the house, whose exterior resembles a camera. Just like a camera, the building has a glass window shaped as a viewfinder and another as a



ODDLY-ENOUGH

It sports a wide film strip, a flash and even a memory card. ■ The walls of the house walls and its interior have graphics related to photography.

Roshni Nadar Malhotra is the new HCL Tech chairperson

India's third-largest software exporter HCL Tech has appointed Roshni Nadar Malhotra as its chairperson. HCL founder Shiv Nadar steps down as the chairman, but will continue to be the managing director and chief strategy officer of the company.



■ In 2013, Roshni Nadar was inducted as an additional director on the HCL Tech's board. This came four years after she was appointed on the board of HCL Corp, which is the holding company of HCL Technologies and HCL Infosystems. ■ She graduated with a Masters in Business Administration from Kellogg, and has been closely involved with philanthropic works over the last decade.

'Star Wars: The Bad Batch' is coming to Disney Plus in 2021

A brand new animated series, 'Star Wars: The Bad Batch', will be coming to Disney Plus in 2021. The upcoming series will be a spinoff of the animated series, 'Star Wars: The Clone Wars,' which concluded its run on the streaming platform earlier in 2020. The series will be executive produced by Dave Filoni, who did the same for the 'The Clone Wars,' along with 'Star Wars: Rebels' and the live-action, 'The Mandalorian.'



ENTERTAINMENT

YOUR CORNER

DO YOU HAVE ANY SUCH NOVEL IDEA? LET'S START A CAMPAIGN

Share your ideas at toinie175@gmail.com / timesnie175@gmail.com

\$1.5 MILLION



FACTOID

The price of the original handwritten lyrics of Don McLean's song, 'Vincent', a tribute to the painter Vincent van Gogh, which is likely to fetch at an auction, according to Los Angeles-based rare documents dealer, Moments in Time. The lyrics, scrawled in pencil over 14 pages with deletions and additions, are being sold by a person who acquired them directly from the American singer-songwriter.

- First released in 1971, 'Vincent' opens with the words, 'Starry, starry night'; it was inspired by the painter's famous work, 'The Starry Night.' McLean, now 74, has said that he was inspired to write it after reading a biography of van Gogh. ■ 'Vincent' is McLean's most famous song after 'American Pie,' whose lyrics sold for \$1.2 million at an auction in 2015. ■ The 'Vincent' lyrics were most recently seen in public, when McLean lent them to the Country Music Hall of Fame in Nashville for a 2018 exhibit.



170-metre tall asteroid to fly by Earth on July 24



A huge asteroid is making its way towards our planet. According to NASA, the asteroid, dubbed as 2020ND, is believed to be one- and-a-half times larger than the London Eye (443-feet-high). It will come within 0.034 astronomical units (AU) of Earth. An astronomical unit is equal to about 150 million kilometres, or roughly the distance from the Earth to the sun.

- > The asteroid measures 170 metres, and will make a flyby next week on July 24, 2020
- > Although gigantic, it is not going to hit our planet or cause any serious harm to us, claim scientists. It is simply going to fly near the Earth at a fast speed, they add

1 Name the largest asteroid to be discovered, till date
a) Ceres b) Vesta c) Pallas

2 Most of the asteroids are located between the orbits of-----
a) Venus and Earth



3 What is the most common type of asteroid?
a) Metallic b) Carbon c) Rocky

ANSWERS: 1 (a) 2 (c) 3 (b)

It's not just a place where you get to learn Einstein's Theory of Relativity. It's also a place where you can think beyond the classroom. Hence we say, **SCHOOL IS COOL!**

SCHOOL IS COOL

CAPACITY BUILDING Need of the hour

NIKITA KOTHARI, PRINCIPAL, ARUNODAYA PUBLIC SCHOOL, THANE

"Life is a daring adventure or nothing at all."

During these uncertain times, Covid-19 has disrupted everyone's life. The offices, schools, markets, malls, cinema halls, etc are locked. The heart of Mumbai city - streets, railways, metros are all shut. However, as ironic as it may sound, every crisis is also the harbinger of opportunities. Students, their parents and educators around the world are feeling the extraordinary ripple effect of the novel corona virus as educational institutions are shut down and quarantine protocols activated to cope with the global pandemic.

Unless India stands up to the World, No one will Respect Us. In This World, Fear has no place. Only Strength respects Strength
- A.P.J. ABDUL KALAM

It is said that "Necessity is the mother of all inventions, we as leaders and educators, had to plunge into online platform for teaching. The schools are physically shut but the learning is on! In the prevailing scenario, technology has emerged as the biggest enabling tool to bridge distances and increase productivity.

This brought out a plethora of new opportunities/ideas to explore. As quoted, "Building capacity dissolves differences. It irons out inequalities." We educators and principals shared are views on capacity building - the need of the hour - not only for our schools but our nation as well.

With a highly interactive discussion my main focus revolved around teachers who are not only the builders of a strong

nation, but also shape and mould the character of the child. To train and guide them is the need of the hour. There is a total drift from conventional physical classrooms to online virtual classrooms, So our teachers must be well adapted to this new teaching and learning platform.

My views also revolved around the aspect of making the economy strong by promoting "Make In India Movement."

With the deepest crises foreseen, we educators must educate our masses to wake up to the call of boycotting all Chinese products and embrace Make in India and promoting

PRINCIPAL'S PEN



"Swadesh" Drive.

The discussion was truly enthralling and it ended with a positive note with building the capacity - need of the hour - extended from schools, out of our doors and windows to our nation. We all ended with a quote -

Satyamev Jayate!

SAVE OUR ENVIRONMENT

Lockdown is not a barrier for learners. Podar International School SSC and HSC - Principal Ophelia Barreto and her team of teachers - to keep children stress-free during this pandemic organized a competition called 'Save our Environment'. Students from Std I-VIII participated in this competition under the guidance of their teachers through the Zoom App. In such challenging situations, Podar International School SSC and HSC focuses not only on academics but also on co-scholastic areas.

Madhu Gupta, Asst Teacher, Podar International School (SSC and HSC), Mumbai



TIME MANAGEMENT YOUR MANTRA TO SUCCESS DURING BOARD YEAR

The Academic year 2020 began with fear and anxiety of Covid 19. It left teachers, parents and students anxious about the academic progress. As we know every dark cloud has a silver lining, the teachers came up with the novel technique of online classes by converting their living rooms into virtual class-

TEACHER'S PEN

rooms and ensuring that students do not lose out on their studies. Teachers are not only taking online classes but also sending them notes and assignments to prepare them for the board exam. Teachers are also being a support system to the student community in these difficult times by counselling them and encouraging them. Just like other Covid warriors they are also in the battle field to dispel the clouds of darkness that is covering our entire nation. We



all believe that we shall overcome this period as too shall pass.

Augustine D'souza, Teacher, KGES, Mumbai



With a World topper now, Pillai Global has yet another feather in its cap

Amidst the crisis that everyone is presently confronted with, Dr. Pillai Global Academy, Borivali is thrilled to announce its achievers of the Cambridge IGCSE examinations held in March 2020, with its World toppers and highest scores.

Our young achievers, Vansh Patel, Nnisarg Gada, Rutu Kanani, Juhi Purohit, Vaishnavi Vetkar and Smriti Ambardekar have all done their alma mater proud with their stellar performance in the exams. These students have accomplished great results with sheer determination and diligence. Their abiding tenacity was reflected in their insatiable thirst for self-improvement. Indeed, the piece de resistance among these students was, studying on their own terms which fostered such exemplary results. All in all, there is no shortcut to success.

The IGCSE World Topper, Vansh Patel, expressed his gratitude to his



teachers and remains ever grateful to them for always having his back. In a time when everyone scurries after school hours to private tuitions, Vansh chose to tread an unconventional path. For him, constant motivation and feedback from his teachers formed the cornerstone of his performance par excellence. He thus continues to pursue his Jr. College studies at the same institution for the IB Diploma.

The school Director & Dy. CEO, Dr. Sharda Sharma, an imposing bulwark and leadership personified, tirelessly labors to ensure success at every step, her motto being holistic development

for students and also for teachers. Assigning credit to others, she motivates talent by her words of appreciation. "I congratulate the teacher squad for the immense support rendered to our students round the clock. Our cheerful school staff has also contributed to the mise-en-place to offer students the smoothest simulation of the board exams. I extend my wholehearted appreciation to our parents for their continual understanding and co-operation in helping our students and our school in this feat. I encourage all our students to always persevere to be the rarest flowers and jewels in all adversities. May you rise and shine further in life and be successful in all your endeavours."

Taking these unprecedented times as a challenge, the school continues to work relentlessly towards achieving its goals and creating ethically responsible global citizens. Hearty congratulations, DPGA!

It's EVERYBODY'S responsibility...



We have learnt our ABC's...it's time to add new and effective terms to deal with Covid19. Hence, here we have... Our enthusiastic students of NLDHS who rock on with the Alphabets and display the ideal ways to beat the Pandemic.

The lockdown hasn't shut down the mighty spirit of our energetic students who take on a pledge to abide by the rules and regulations set forth by our Honourable PM Narendra Modi.

N L Dalmia High School works for the overall development of students. It focusses not only on academics but also on emotional and spiritual well-being of students. It's imperative in today's scenario that students are equipped to face any sort of challenge. Our students understand that we are going through a difficult scenario. Although we are surrounded by challenging situations, yet we need to be a part of solutions and work on damage control.

Therefore, NLDHS initiated

the task of spreading awareness about the Pandemic and worked on ways to limit the spread of the deadly virus.

Spreading awareness might sound like a baby step towards the unbeatable virus....But yes, as the saying goes...it's the small droplets that fill up the ocean. So, no matter how catastrophic the virus may be, we, as responsible and aware citizens can spread the words of wisdom to contain and stop the contagious virus from spreading around.

Let's all take accountability of our neighbourhood, our locality, our surroundings and work towards bringing back those old days wherein we can give those high fives, hug our loved ones, go for evening and morning walks, hold hands and get back our life to normalcy.

Until we achieve that day of normalcy, let's all work around with these ABC's to combat COVID 19.

- Students Council Members, N L Dalmia High School, Mumbai

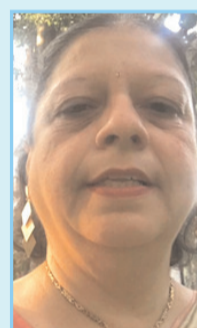
ENTER THE WORLD OF ONLINE SCHOOLING

I can't change the direction of the wind, but I can adjust my sails to always reach my destination.
- Jimmy Dean

Life during the COVID-19 pandemic is not easy for all of us. Today, schools all over the world have adapted themselves to this new age of teaching and learning so as to accommodate the needs and requirements of their students.

At Petit they are constantly striving to provide all children every experience possible that is essential to their holistic development. So, not only have they adopted various innovative methods of remote learning but also keep training themselves continuously with the latest trends in education.

Apart from academics, they focus on the celebration of important days and the organisation of various competitions giving their students the opportunity to hone and develop their skills. Despite the current situation, the focus remains undeterred and they continue to present before their students; experiences, opportunities and challenges virtually to cater to their intellectual, social and emotional needs.



Diana Marfatia, Principal, Bai Avabai Framji Petit Girls' High School, Bandra

They started the academic year with the celebration of important days like Earth Day and World Environment Day. They held the preliminary round of the Albert Barrow Creative Writing Competition for their students of classes 9 and 10, which is a prestigious Essay Writing Competition organised for all ICSE Schools. They celebrated National Reading Day as well and continue to celebrate Reading Month right up till July 18 with many literary activities lined up for their children.

So, all in all, it has been a great start for Petit and they will continue to provide their students innumerable opportunities virtually until they can meet them in the regular school set up.

TRAPPED

At first these walls would subtly mock me
Now, they downright laugh heartily
The pictures on the wall stare back at me
Silently praying to evade this hell of a quarantine.
The windows seem forever shut
The doors seem forever locked
At this point I'd rather live in a hut
Than live here, where everything's clicked shut.

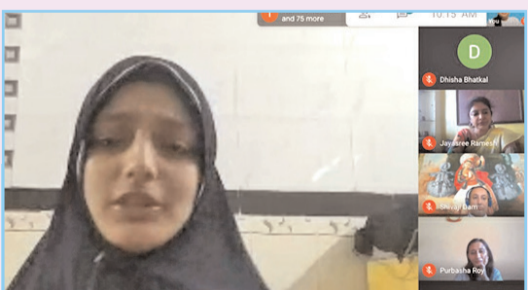
The once-lovely book is just plain boring
And even the most enchanting music Doesn't seem so alluring.
Trapped, am I?
Or just bored?
I finally confront myself in front of the mirror
And go, "I can't do this anymore!"

Pia Joydev Oza, class IX, SSPM'S Sri Sri Ravishankar Vidya Mandir, Borivali

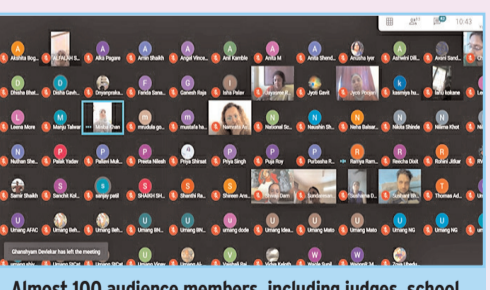
POEM



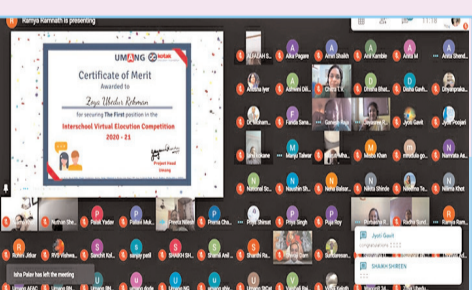
KOTAK UMANG STUDENTS PRESENT ON A VIRTUAL STAGE



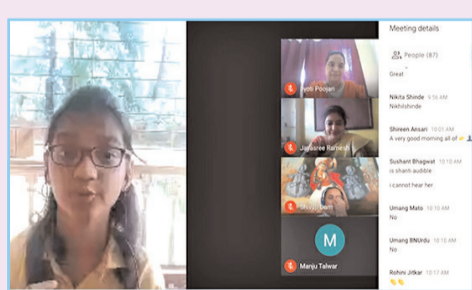
Presentation by the winner - Zoya Ubedur Rehman from Ideal Girls High School



Almost 100 audience members, including judges, school teachers and principals and leadership from Kotak Education Foundation, joined over the Google Meet call



Students receiving their E-certificates in the prize distribution ceremony



Presentation by one of the runners up - Purava Palav from Swami Shamanand High School

COMPETITION WINNERS

1ST POSITION: Zoya Ubedur Rehman from Ideal Girls High School

2ND POSITION: Shraddha Shendge from Shri Sai Vidyamandir

3RD POSITION: Arti Yadav from Swami Vivekanand Vidyalaya and Mantasha Ansari from Anjuman Khairul Islam Urdu High School
RUNNERS UP: Purava Palav from Swami Shamanand High School and Aashna Sharma from Dhanraji Pal Vidyalaya

On 24th June, the KotakUmang team was proud to host their first Interschool Virtual Elocution Competition. The Umang program, atKotak Education Foundation, focuses on building spoken English skills in middle school students of vernacular medium schools. During the lockdown, they have been connected to their students through virtual classes and online activities. They also conduct the language Enrichment Program

(LEP) for standard 10 students to help them prepare for their English board examination. They initiated an Interschool Virtual Elocution Competition to support students in building their confidence and public speaking skills. Nearly 150 students participated in the quarter-finals across 25 schools. Out of these participants, 30 students advanced to the semi-finals and 11 students from 10 schools were chosen for the finals. The judges for the final competition were

Dr.PreetaNilesh, Vice-Principal and Dean of Vaze College, andNirmalaSundaresan, Retired Head of Department of Bombay Scottish School, Powai. The finalists spoke for 3 minutes on topics including the importance of extra-curricular activities in a child's life, how technology makes their life better and how the world could be made a better place. Each student received one-on-one mentoring from an Umang teacher on their content and presentation. These

sessions not only gave students additional feedback and practice but also the confidence to navigate a virtual platform and present in front of a virtual audience.

They hosted nearly 100 guests at the virtual meet including KEF Trustee Dam and CEO Dr. Raja, several school principals and teachers, the program heads across KEF and special invitees. All the finalists performed exceedingly well, surprising the judges and special

invitees with their proficiency and fluency. Each of their special invitees spoke highly of the students' articulation and presentation style. The students made it very difficult for the judges to choose a winner, resulting in 6 winners from 6 different schools across the runners up, 1st, 2nd and 3rd position. The event ended on a positive note, with teachers and students proud of their performance and all the guests waiting for the next virtual Umang event.