



THE TIMES OF INDIA

www.toistudent.com
[CLICK HERE: WWW.TOISTUDENT.COM](http://www.toistudent.com)

STUDENT EDITION

MONDAY, JULY 27, 2020



WEB EDITION

MANN KI BAAT

PM RECALLS THE VALOUR OF OUR SOLDIERS IN THE KARGIL WAR

Recalling the valour of the Armed Forces during the Kargil War, Prime Minister Narendra Modi on Sunday said that India's brave soldiers had defeated the enemy perched on the mountain heights.

The country observed the 21st anniversary of the victory in the Kargil War on Sunday. The Indian Armed Forces had defeated Pakistan on July 26, 1999, by recapturing the mountain heights that were occupied by the Pak Army.



KEY HIGHLIGHTS

- 1 In his monthly, 'Mann ki Baat' radio address, the PM also said that the threat of coronavirus is not over yet, and we need to remain vigilant against the deadly virus.
- 2 He said the focus on wearing masks and maintaining social distancing has to continue.
- 3 Modi also applauded the efforts of groups in various states, including Bihar, Jharkhand and northeast to promote local products during the Covid-19 pandemic.
- 4 He said this year's Independence Day will be celebrated amid the pandemic, and urged youth to resolve to make India self-reliant and free of the pandemic.

Centre grants permanent commission to WOMEN ARMY OFFICERS



FAIR PLAY

The ministry of defence has finally issued the formal order to grant Permanent Commission(PC) to women officers in the Indian Army, paving way for empowering women officers to shoulder larger roles in the 13-lakh-strong force.

The order specifies grant of permanent commission to Short Service Commissioned (SSC) women officers in all the 10 streams – army, air defence, signals, engineers, army aviation, electronics and mechanical engineers, army service corps, army ordnance corps and intelligence corps, in addition to the existing streams of judge and advocate general and army educational corps



THE STORY, SO FAR

- In the Armed Forces, while male SSC officers could opt for permanent commission at the end of 10 years of service, this option was not available to women officers, who comprise just 4% of the total strength of the commissioned officers in the Army
- They were, thus, kept out of any command appointment, and could not qualify for the government pension, which starts only after 20 years of service, as an officer
- Last November, the apex court had directed the Army to take a decision on the permanent commission to eight women army officers, who had approached the apex court in 2010, against the bar on their absorption in the Armed Forces. The case was first filed in the Delhi high court by the women officers in 2003, and had received a favourable order in 2010. But the order was never implemented, and was challenged in the SC by the government
- In a landmark verdict in February this year, the SC had directed that women army officers be granted permanent commission and command postings, rejecting the Centre's stand of their physiological limitations as being based on "sex stereotypes" and "gender discrimination against women"

TIMES VIEW

The long wait is finally over. The glass ceiling has been shattered. Every modern and progressive nation-state takes pride in providing equal opportunities to women in all the fields. In the army, this is a significant step in the attainment of that goal



What's your take on this landmark decision? Let's know your views. Please share your thoughts at toiniel75@gmail.com/times-mail175@gmail.com

Earth's atmosphere more sensitive to CO₂ emissions than thought: Study

The hope that the rise in average global temperatures by 2100 might be capped below 2.5°C will remain a distant dream, if the greenhouse gas emissions continue at the current rate, a new research reassessing the atmosphere's sensitivity to CO₂ suggests.



ENVIRONMENT

- The study, under the Geneva-based World Climate Research Programme, offers the first clear progress in decades, towards narrowing the range of temperature rise caused by doubling of carbon dioxide levels, since the pre-industrial times
- Its findings show that doubling would trigger 2.6 to 4.1°C in average warming above pre-industrial levels, putting the lowest rise more than one degree above the scientists' previous estimated range of 1.5-4.5°C
- Known as the climate sensitivity parameter, a doubling of CO₂ concentrations has been a mainstay of models for the future global temperature, since the late 1970s

SERO SURVEY

X-PLAINED



WHAT: Delhi, along with several other states, have started sero surveillance mapping to flatten the Covid-19 curve. **Sero surveillance** is a globally-used and trusted standard that measures the levels of antibodies against a certain infection, and decodes the percentage of the population, which has been previously exposed to the virus. The tool is also used as a measure for the officials to check on mass inoculation and see the level of immunity people have.

Sero surveillance will help in observing if a vaccine can actually provide immunity. Given that we have a vaccine ready for the masses by the end of 2020 or early 2021, a sero survey could show if the Covid-19 vaccine being deployed to the masses is actually working. Sero surveys could also identify any infection cases (asymptomatic, mild ones, or ones which may have gone away on its own), that may have been missed

WHY: While a vaccine or a definite treatment plan is not available to us, experts believe that the only way to prevent further spikes in the infections or find out the actual data about our exposure levels is to test the presence of antibodies among the people.

HOW IS IT DONE: Sero surveys derive the results from the presence of antibodies and proteins meant to fight off the infections, which are part of the body's immunology make-up. For a sero survey, sample blood tests are done, and if the antibody levels in the blood are detected, it can mean that a person has considerable immunity against the said infection. Sero surveys done routinely could also show how long do the antibodies last in the body and provide immunity against the disease, which is a pressing concern.

WHEN HAS IT BEEN USED BEFORE? In the past, sero surveillance has been used to map the spread of diseases and infections, like hepatitis B, hepatitis C, diphtheria, tetanus, polio and mumps.

BOOKS

CHELSEA'S NEW BOOK 'SHE PERSISTED' SERIES HONOURS WOMEN IN SPORTS

Former US president Bill Clinton and former secretary of state, Hillary Rodham Clinton's daughter, Chelsea Clinton's new children's book, which is a part of the 'She Persisted' series, will be released later this year. Chelsea wrote the first book, 'She Persisted', way back in 2017. It featured the stories of inspiring girls and women who made a name for themselves with their grit and determination.



- The new book titled, 'She Persisted in Sports: American Olympians Who Changed the Game', will include sections about some prominent women in sports, including Venus and Serena Williams, Wilma Rudolph, among others. The 32-pages book is illustrated by Alexandra Boiger
- The book is expected to be released in September 2020

NEWS IN BRIEF

CLICK HERE FOR MORE

MASSIVE STUDY SHOWS SHARKS ARE 'FUNCTIONALLY EXTINCT'



ALERT

In a global study of the world's reefs, scientists have found that the ocean's top predator sharks are 'functionally extinct' on nearly one in five of the reefs surveyed. The research team, who surveyed 371 reefs in 58 countries, found that the sharks were rarely seen on close to 20 per cent of those reefs. "This doesn't mean that there are no sharks on these reefs, but what it does mean is that they are 'functionally extinct' — they are not playing their normal role in the ecosystem," said the researchers.

The findings showed that almost no sharks were detected on any of the 69 reefs of six nations: the Dominican Republic, the French West Indies, Kenya, Vietnam, the Windward Dutch Antilles and Qatar. According to the research team, it's clear that the primary problem is the intersection between high human population densities, destructive fishing practices and poor governance



TAYLOR SWIFT'S 'FOLKLORE' EXCEEDS 1.3 MN COPIES SOLD IN 24HRS

Pop icon Taylor Swift delighted her fans by releasing a surprise new album recently. 'Folklore', her eighth studio album, comprises 16 songs. According to The Hollywood Reporter, on Spotify, it was streamed 80.6 million times, breaking the record for the first-day album streams by a female artiste. It was also the most-streamed pop album on Apple Music on its first day of release, with 35.47 million streams.

SERIES ON HILLARY CLINTON IN DEVELOPMENT AT HULU

Politician Hillary Clinton's life is the subject of a new series, 'Rodham', which tracks her story, when she was not married to the former US president Bill Clinton. Hulu has optioned the rights to Curtis Sittenfeld's alternative history book, 'Rodham' for a series that will tell the story



ENTERTAINMENT

of an ambitious young woman, developing her extraordinary mind in the latter part of the 20th century, moving from idealism to cynicism, and all the way back again. Sarah Treem is all set to write and produce the project.

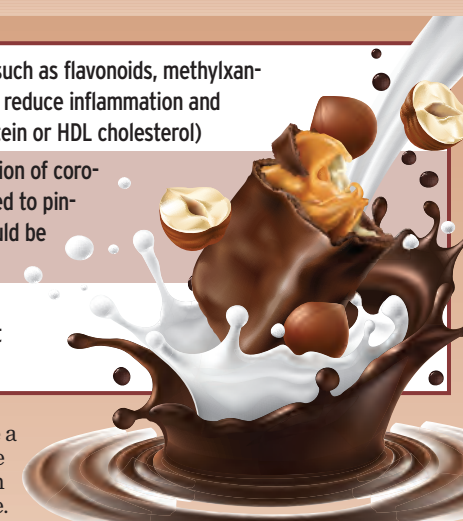
MUSIC

Dessner co-wrote / produced 11 of the songs on 'Folklore', Swift said. The megastar's last album, 'Lover', was released in August 2019

EAT CHOCOLATE ONCE A WEEK TO KEEP YOUR HEART HEALTHY

It seems chocolate is good for the heart, as researchers have said that consuming chocolate at least once a week is linked with a reduced risk of heart disease. The study suggests that chocolate helps in keeping the heart's blood vessels healthy. In the past, studies have shown that chocolate is beneficial for both—blood pressure and the lining of blood vessels. For the latest study, the analysis included six studies with a total of 336,289 participants, who reported their chocolate consumption. During a follow-up, 14,043 participants developed coronary artery disease. Compared with consuming chocolate less than once a week, the findings showed that eating chocolate more than once a week was associated with an 8% decreased risk of coronary artery disease.

- Chocolate contains heart-healthy nutrients, such as flavonoids, methylxanthines, polyphenols and stearic acid, which may reduce inflammation and increase good cholesterol (high-density lipoprotein or HDL cholesterol)
- Chocolate appears promising for the prevention of coronary artery disease, but more research is needed to pinpoint how much, and what kind of chocolate could be recommended, the study authors wrote
- Moderate amounts of chocolate may protect the coronary arteries, but it's likely that large quantities do not, they said



What it costs to guard our LAC

While the Galwan Valley clash is firmly in India's rear view mirror, there's no reason to drop our guard. Therefore, the Indian Army has decided to deploy additional troops at the Line of Actual Control (LAC). Here's what it entails for an average soldier...

- 1 Apart from the high probability of conflict, soldiers will also have to brave the extreme cold weather, as temperatures drop to minus 20 degrees. Ladakh, being a high altitude region, breathing also becomes harder.
- 2 To station soldiers in such a climate during the winter requires resources — from matchboxes and fuel, to flasks and food — amounting to ₹ 10 lakh per soldier; just to keep them there, other costs notwithstanding.
- 3 All these supplies and the soldiers have to be transported to the location, an easy task in the summer; when roads are operable, but once the snow falls, supplies will have to be flown in to the Army's bases. An hour-long flight to the LAC costs the Army at least ₹ 24 lakh.
- 4 To avoid any unnecessary expenditure, the Army stocks up supplies during the summer using trucks, which costs ₹ one lakh for a Srinagar-Leh trip. Helicopters are used sparingly.

POEMS

A TIGER'S TALE

"I wonder what I'll have for lunch today"
The tiger wanders out in search of prey.

Leaving his footprints on the mossy jungle floor
He spots a rather plump wild boar.

"Time to attack my next snack!"
Suddenly, a Thwack!, Right on his back.
He wonders what happened
As his vision fades to black.

Cut over here

Our tiger wakes, At a foreign place.
His thoughts are a mess; He is stuck in a maze.

Has it been months, weeks or days?
He doesn't know, for he is still in a daze.

A man sharpens his knife
With an evil grin on his face
"With your meat and teeth and stripes,
I'll be rich for days"

He utters his last prayers.
Boom!, He sheds a silent tear.

Cut over here

But what's this?, "I haven't died?"
A familiar face approaches.
"Seize the animals"
Says it, The tiger faints.

CLICK
HERE TO
READ
ONLINE

Scared to open his eyes
For a safe haven he longs.
There is soft moss underneath him,
He feels quite strong.
He thanks those Gods
For returning him to where he belongs.

V Krishna Sai Gayatri, class XI A, Bharatiya
Vidya Bhavan's Public School (Vidyashram),
Jubilee Hills, Hyderabad

PARENTS

When you are filled with sad feelings,
And let go a flood of tears;
Their voice will comfort you.
They will wipe your tears
With all your fears, They are parents

Parents, a beautiful couple of people;
Who are there with you, for you and in you,
Even if they are no more.
Because their love to you is IMMORTAL.

Anushka, class IX A, Vista School, Gopanapally,
Hyderabad



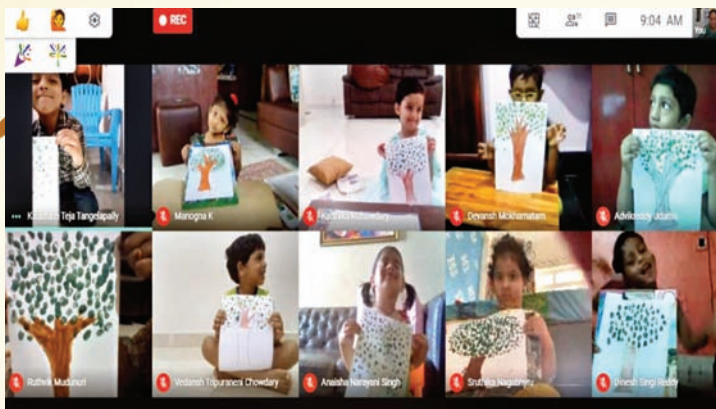
Learning the significance of Pi



Pallavi International
School
Keesara

A virtual Pi (?) day celebration was organized by Pallavi International School, Keesara, which was witnessed by the students and parents online. The celebration included teachers' talk on the significance of Pi day followed by students' speeches, charts, slogans and songs of Pi day. Subhash of class VII demonstrated a wonderful activity on how to find the value of Pi. Pi day is an annual celebration of mathematical constant Pi (?). People in the countries write their date in Date/Month format and celebrate Pi approximation day or casual Pi day on July 22. On the other hand, those who write their date in Month/Date format celebrate Pi day on March 14, as the first three digits of date correspond to the first three digits of the Pi. $\pi \approx 3.14$. Headmistress of Pallavi International School Grecilda Rose congratulated the attendees that included students along with their parents for their support and appreciated the students for their active participation in making the day a grand success.

TOWARDS A GREENER WORLD



Ganges Valley School

Recognising colours and identifying their names is an important step in a child's cognitive development. Early identification of colours helps to create the cognitive link between visual clues and words. The students from pre-primary wing at

Ganges Valley celebrated Green Colour Day. With a concept of 'learn-through-doing approach' during the Vanamahotsav week, students planted seeds and saplings. They mixed yellow and blue to create the colour green and made interesting art-works with it.



Jubilee Hills Public School
Hyderabad

A global pandemic has engulfed the world and we are all in a temporary state of lockdown. In times like these, it is important to understand the crucial bond between humans and the flora and fauna around us. Vanamahotsav has given us one such occasion to create an awareness amongst the children on the beauty and importance of nature.

Jubilee Hills Public School celebrated Vanamahotsav virtually. The science department of the school hosted the programme. Saanvi Garg of class

IV A spoke about the positive impact of planting more trees and making the environment safe for mankind. This was followed by a devotional dance performance by Apoorva of class V G. Shortly after that, Ananya from class III D shared her views on Vanamahotsav by portraying a dance performance on significance of plants in our lives. Finally, Anshuman Dobal



from class V G recited a poem in Hindi titled, 'Vriksh' on the selfless nature of trees.

The event concluded with a slideshow of slogans by the heads and teachers from the Science department as an attempt to raise awareness about the importance of trees. Despite the lack of physical interaction, the endless zeal of students and teachers made the event successful.

BRINGING STORIES ALIVE ONLINE

Pallavi Model School
Boduppall

Grandparents always enjoy the company of their grandchildren while the latter cherish their company as they are the best storytellers. To make children relive the experience virtually, Pallavi Model School, Boduppall conducted a Dada Dadi story corner for the young children. This was an attempt to relive and revive the traditional value 'Katha', the way grandmothers used to narrate stories to their children.

This storytelling session conducted class-wise had grandparents narrate stories with puppets and teaching aids. Children enjoyed listen-



ing to the stories. It was definitely an amazing experience for both children and their grandparents. It was a great way to imbibe the values of respect, love and emotions in

children. The parents were delighted to be a part of such an engaging activity. They expressed their appreciation to the teachers and the school management.

STAY VIGILANT, STAY SAFE IN CYBER SPACE

Pallavi Group of Schools

Pallavi Group of Schools in association with Telangana State Women Safety Wing conducted a cyber safety workshop online for parents.

Awareness always helps in tiding over difficulties. When time is tough, it is imperative for all of us to get tougher and face the challenges. The Telangana police in collaboration with the Legal Aid Centre, Symbiosis Law School, are trying to bring in an awareness among the public, especially children and women, by conducting various programmes on cyber safety. They are holding quizzes, releasing awareness posters, brochures and conducting webinars on the subject. Welcoming DIG B Sumathi and Indraveni, Joint Director, CDAC, to the webinar, Pallavi Group of Schools chairman M Komaraiah applauded the ef-

forts of the police personnel in reaching out to all the people.

Speaking on the occasion, Sumathi entreated people to be more vigilant and extend support to such a cause. She informed that many children in rural areas are deprived of these digital learning processes and requested the parents to monitor the children scrupulously and help them exercise control over their usage. She added that as the use of online medium has gone up, so are the number of cybercrimes. The only way to protect oneself from falling prey is to be aware. She appreciated the efforts of the Pallavi group of Institutions management for taking the initiative immediately to conduct the webinar and make the students socially responsible.

Giving insights into the ways to bridge the digital generation gap, Indraveni

gave a number of tips like password protection, using social networking websites cautiously, downloading safe games, not getting addicted to games and being cautious of cyber-bullying and online friendships. She requested the parents to keep tabs on the activities of children on a regular basis so that they don't misuse the medium. She proposed to them to prepare a digital resource utilisation at home agreement and administer a pledge to the children to adhere to the pledge.

The webinar which threw light on the different types of cybercrime and the measures to be taken to protect oneself was definitely the need of the hour. The response from the parents was overwhelming and they expressed their gratitude to the management and to the Telangana Police for taking up such a thoughtful drive.

In Memory of Mandela

"Lead from
the back -
and let others
believe they
are in front."
-NELSON
MANDELA



TNR Excellencia Academy
Jeedimetla

Nelson Mandela International Day was celebrated in TNR Excellencia Academy to remember the work of the civil rights leader. The celebration aimed at making a difference in our communities and inspiring change. Everyone has the ability and the responsibility to change the world for the better.

Nelson Mandela devoted his

have a positive effect on others around them.

The real message behind Mandela Day was to 'Make Every Day a Mandela Day'. Students were encouraged to spend time with the elderly, value relationships, treat everyone equally and express their gratitude to people around them.

The event was organised by Rinaki Bar, CCA coordinator.

Painters' Gallery



Snigdha,
class IX,
Gitanjali
Devshala,
Hyderabad



Tamanna
Kapoor,
class VII A,
Delhi Public
School,
Mahendra
Hills,
Hyderabad



Hasnika Reddy Cheemakurthy,
class VIII B, Scholars Academy,
Hyderabad

M Ananya, class VI C,
Kalpa School, Hyderabad