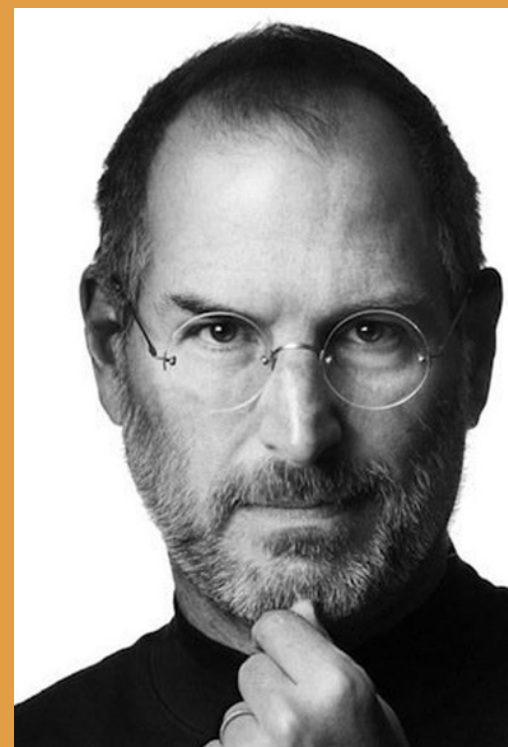


REPUBLIC DAY 2022 A LOOK AT WHAT'S DIFFERENT THIS YEAR

- The Republic Day Parade kicked off a little later at 10.30 am, to ensure better visibility as Delhi is engulfed with fog on wintry mornings.
- The number of tableaux have been reduced this year. A total of 12 states and nine ministries or government departments were showcased in the parade, due to limited space and time, according to Nampibou Marinmai, PRO (Defence).
- For the first time, a unique drone and laser show will take place at the annual Beating Retreat ceremony on January 29. The government has also dropped the 'Abide with Me' — usually played at the end of the ceremony — this year.
- The route of the marching contingent would end at the National Stadium instead of the Red Fort.
- Children below the age of 15 were not allowed to attend the parade, owing to the Covid-19 pandemic. Only fully vaccinated individuals have been allowed entry.
- Like last year, there was no foreign dignitary as chief guest at the Republic Day Parade. No foreign contingent participated in view of the pandemic.
- The celebrations for Republic Day commenced on January 23, marking Bose's 125th birth anniversary this year. Prime Minister Narendra Modi honoured the winners of the Netaji Subhash Chandra Bose Apda Prabandhan Puruskar, which was instituted in 2018, for contribution to the fields of disaster risk management.
- As the Prime Minister laid the wreath at the National War Memorial in the morning, cadets from the National Cadet Corps provided a "plaque of gratitude" to the next of kin of around 5000 soldiers who have made the supreme sacrifice for the nation, and have their names mentioned on the National War Memorial.

- Sharan K

INSPIRATIONAL MAX



**“Innovation distinguishes between a leader and a follower.”
-steve Jobs**

When we mention about Steve Jobs , everyone know about about his Creativity. He was also considered one among the great creative icons of this century. He had a special character - even his enemies used to praise his efforts and dedication towards work. His life was full of up and downs - He went to college and later dropped out , later roamed around trying different things , when he was 20 , started a small company in his home garage along with his friend and named it 'Apple'. In the next 10 years , this company grew at a rapid pace and employed 4000 people with 2 billion dollars turn over. As company grew , he employed few more intelligent members in the team. Everything went well for next 1-2 years and suddenly , there crept in some difference in opinions in the team. The company directors met together and took a major decision i.e, to quit Steve jobs !!

Steve was 30 he had to leave his own built firm. He was very disappointed and depressed , was not knowing what to do next and for next 4-6 months spent time thinking on that. He once sat and thought - "It is real that I have lost my company, but have always loved the work I did". He met his investors who had faith in him and apologized personally. He also promised , he shall not disappoint them and would start a new company. Immediately along with some of his friends he started a company "Next" , After 2 years started another company "Pixar". He worked very hard day and night , just like he loved his work - he also fell in love with a girl Laurene and married later.

Next company grew so rapidly that his earlier owned ex-firm Apple bought it and Steve Jobs was again appointed as CEO of Apple - this seemed like his life clock completed one turn and returned back at its initial point. Later Steve jobs grew as a eminent entrepreneur and gained popularity worldwide.

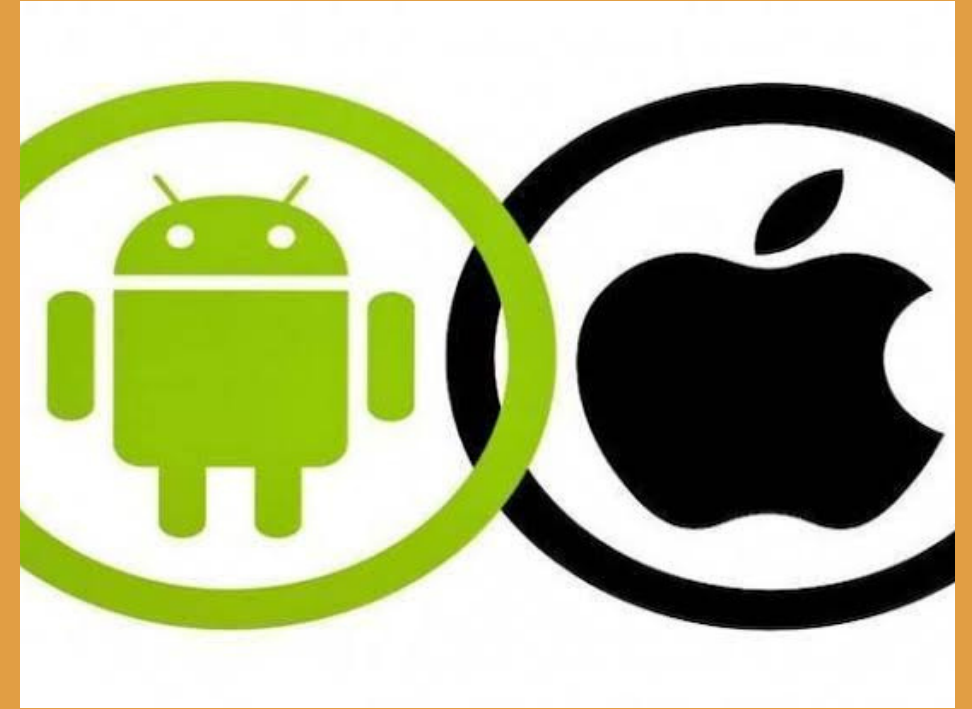
- Ragul D

GOVT MULLING POLICY TO FACILITATE CREATION OF INDIGENOUS MOBILE OPERATING SYSTEM: RAJEEV CHANDRASEKHAR.

The government is planning to come up with a policy that will facilitate an ecosystem for the industry to create an indigenous operating system as an alternative to Google's Android and Apple's iOS, Union Minister of State for Electronics and IT, Rajeev Chandrasekhar said on 24th January 2022 .

The operating system is the main software of any computer and mobile device that weaves in the entire hardware and software system for effective functioning of the OS.

“If there is some real capability then we will be very much interested in developing that area because that will create an alternative to iOS and Android which then an Indian brand can grow,” Chandrasekhar said.



-SAILENDRA

GOOGLE LABS CREATES A TEAM FOR RESEARCH WORK ON BLOCKCHAIN TECHNOLOGY



Blockchain, the technology that supports the crypto sector, has emerged as an interesting field of knowledge in recent years, several researchers say. In a bid to ramp up research work in the Blockchain sector, Google Labs has appointed a new team to focus on the up-and-coming tech. Google Labs is an incubator that tests and develops new-tech developments and projects, parented by the search engine giant. Shivakumar Venkataraman, an engineering vice president at the company has been chosen to head this new group. The blockchain-focussed team at Google Labs is smaller in comparison with Google's other research and product areas.

The main task assigned to the members of this group is to work around next-generation technologies in the distributed computing and data storage categories, Bloomberg said.

- Sharan K

BITCOIN CRASH - CRYPTOCURRENCY CRASHES DOWN BY RS. 74 LAKH CRORES

Bitcoin, along with other digital cryptocurrencies, crashed to its lowest level on Saturday and the continuing meltdown has wiped out over \$1 trillion (about Rs 74 lakh crore) from the global crypto market value.

The crypto crash came as the US Federal Reserve raised the possibility of boosting interest rates as soon as March and withdrawing stimulus from the market.

Bitcoin has crashed below \$36,000 -- a level below which "there is not much support until the \$30,000 level," Edward Moya, senior market analyst at Oanda, said in a note. Bitcoin's decline since that November has wiped out more than \$600 billion in its market value.



~ SHARAN K

DO NOT ASSUME COVID PANDEMIC REACHING 'END GAME', WARNS WHO



The World Health Organization's director-general on Monday warned that conditions remain ideal for more coronavirus variants to emerge and it's dangerous to assume omicron is the last one or that "we are in the endgame."

The director insisted that "we can end COVID-19 as a global health emergency, and we can do it this year," by reaching goals like WHO's target to vaccinate 70 percent of the population of each country by the middle of this year, with a focus on people who are at the highest risk of COVID-19, and improving testing and sequencing rates to track the virus and its emerging variants more closely.

~ SHARAN K

APPLE PAYS \$100,500 TO STUDENT WHO DISCOVERED MAC WEBCAM VULNERABILITY

Ryan Pickren, a cyber security student was awarded \$100,500 as a bounty, after he showed Apple how a vulnerability allows to hackers to gain unauthorised access to webcams on Macs. Pickren said in a blog post that this could be achieved by exploiting a series of issues with iCloud Sharing and Safari 15. It should be noted that these vulnerabilities were fixed by Apple last year as Wired notes.

Typically, researchers reveal the exploits after the company has fixed the issue, which explains why Pickren is posting about this now. The reason is to ensure that the flaw is patched before cybercriminals can start exploiting it.



- Sharan K

MARS had liquid water 2 billion years ago: study*

The salt deposits provide the first mineral evidence for the presence of liquid water on Mars.

NASA's Mars Reconnaissance Orbiter (MRO) launched in 2005 has helped scientists determine that Mars had surface water as recently as 2 billion years ago. Previous studies had concluded that water on Mars evaporated about 3 billion years ago and this new find reduces that timeline significantly. The team used data from an instrument named Compact Reconnaissance Imaging Spectrometer for Mars (CRISM) on the MRO spacecraft. They also used the Context Camera and High-Resolution Imaging Science Experiment (HiRISE) color camera onboard the spacecraft to map the extent of chloride salts across Mars' southern hemisphere.



- SAIENDRA

STUDENTS CORNER

THEDAL



NAME: LAKSHMI PRBHA M
DEPARTMENT: ECE
YEAR: FINAL YEAR

"Acting is behaving truthfully under imaginary circumstances"

She exemplifies this quote, which resulted in being rewarded the president of drama troupe. she excels not only in acting but also in studies. She is working in ZOHO corporation limited, Chennai. She feels special when she stands on stage, and likes to perform on stage, which is the main reason why she wants to be a part of any arts, events, and competitions. Our Lakshmi Prabha is a kind of person who loves to travel a lot and in making a journey. She said that even during her school days, she was the first to raise her hand in competitions, not only in acting, but also in dancing, singing etc... related to arts. It denotes that other than acting she loves dancing and singing. she advised the juniors that even if they are interested in extra-curricular or curricular activities, we should first focus a little bit attention on the academic sides and hopping and balancing are very important to handle those. Lakshmi's contribution was to be handled 3 days of informal stage event when she was in her second year in YUGAM 2020. She learned and experienced a lot from that stage event. Like she said, our college clubs and forums have wide variety of exposure to build the own career. We should utilize these opportunities to develop our skills and talents. All the Best Lakshmi Prabha for your brightful future.

- VIKRAM S

கவியழகு சிரிப்பு

இறுகிப்போன நெகிழியாய்
இறுகி நிற்கும் இதயத்தினை
இன்பத்தாலே இளக வைக்க
இறைவனவன் இம்மாந்தருக்கென
இசைவுடனே ஈந்தளித்த
இளஞ்சூட்டு அருவி!

- பிரியதர்ஷினி சு

DA Activities Thedal

Date: 18.02.2022
Day: Tuesday
Platform: Instagram
Interviewer: Yashwanth M.S

Being Creative 2.0

Date: 22.01.2022
Day: Sunday
Platform: MS Teams
Organizer: Vijayshree

Fun Storm

Date: 26.01.2022
Day: Wednesday
Platform: MS Teams
Organizer: Linganiveth S G

Student Huddle

Date: 28.01.2022
Day: Friday
Platform: MS Teams
Organizers: ECE, EEE, MC, EIE DAs

ECE Times

Date: 01.02.2022
Day: Tuesday
Editor: VIKRAM S

Real Creator



Myth:

More number of megapixels mean better photographs.

Reality:

Larger the size of the sensor mean better photographs.

- Sailendra

Crime Scene

There once was a couple of people who lived together in the snowy woods. There was Mr. Davis, his wife, his sister, a cook, a gardener and a maid in the house.

One afternoon, Mr. Davis was found buried dead in the snow outside of his house. When the police arrived at the crime scene, they investigated all the people who were in the house.

The gardener said that he was removing snow from the bushes. The sister stated that she was sitting next to the fire. The cook said the he was making breakfast. The maid said that she was tidying the bedroom. And finally, the wife said that she was reading a book and was waiting for her breakfast.

Immediately after noting their statements, the police arrested two people. Who are those two who murdered Mr. Davis?

[Click here to answer](#)

~ SHARAN K

Facts



~ SHARAN K

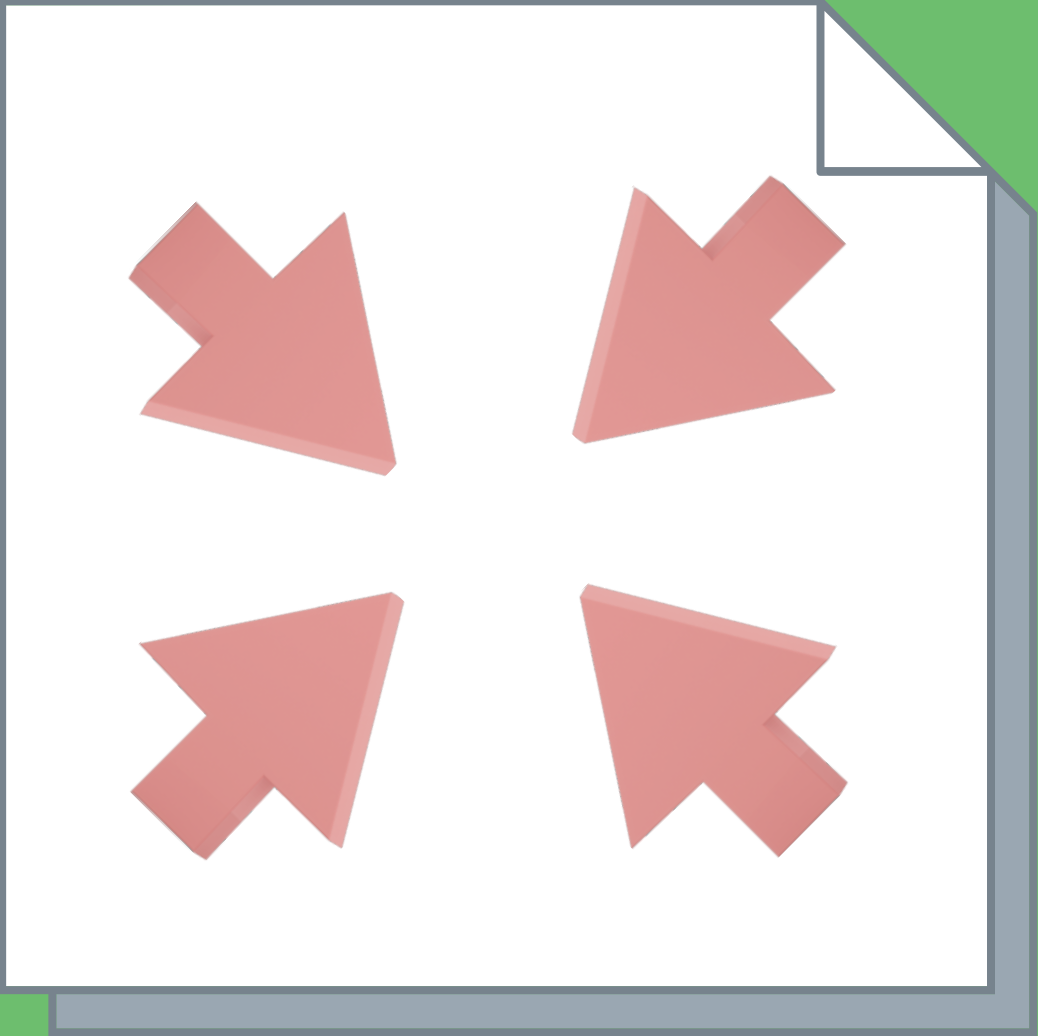
LOGICAL THINKING

Here's a little logical and mathematical analysis for you. There are 4 arrows given to you as shown in the image. Arrange them in an order to get 5 arrows.

It can be placed anyhow you like, but finally, there should be 5 arrows

[Click here to answer](#)

~ SHARAN K



Sports Buzz

Padma Awards 2022: Neeraj Chopra, Avani Lekhara awarded Padma Shri; Jhajharia to get Padma Bhushan

Tokyo Olympic gold-medallist

Neeraj Chopra Paralympics gold medal winner Avani Lekhara were on Tuesday (January 25) chosen for the prestigious Padma Shri 2021. Chopra created history last year by winning India's first athletics gold medal in Olympics. para-shooter Avani became the first Indian woman to win a gold medal at the Paralympics



- Ragul D

Bussiness Corner

How to develop your Startup Idea

Consider and analyse the relevant markets

Note down your ideas and expand them

Carry out competitive analysis

Model your business

Create/design/sketch your mockup and then test it

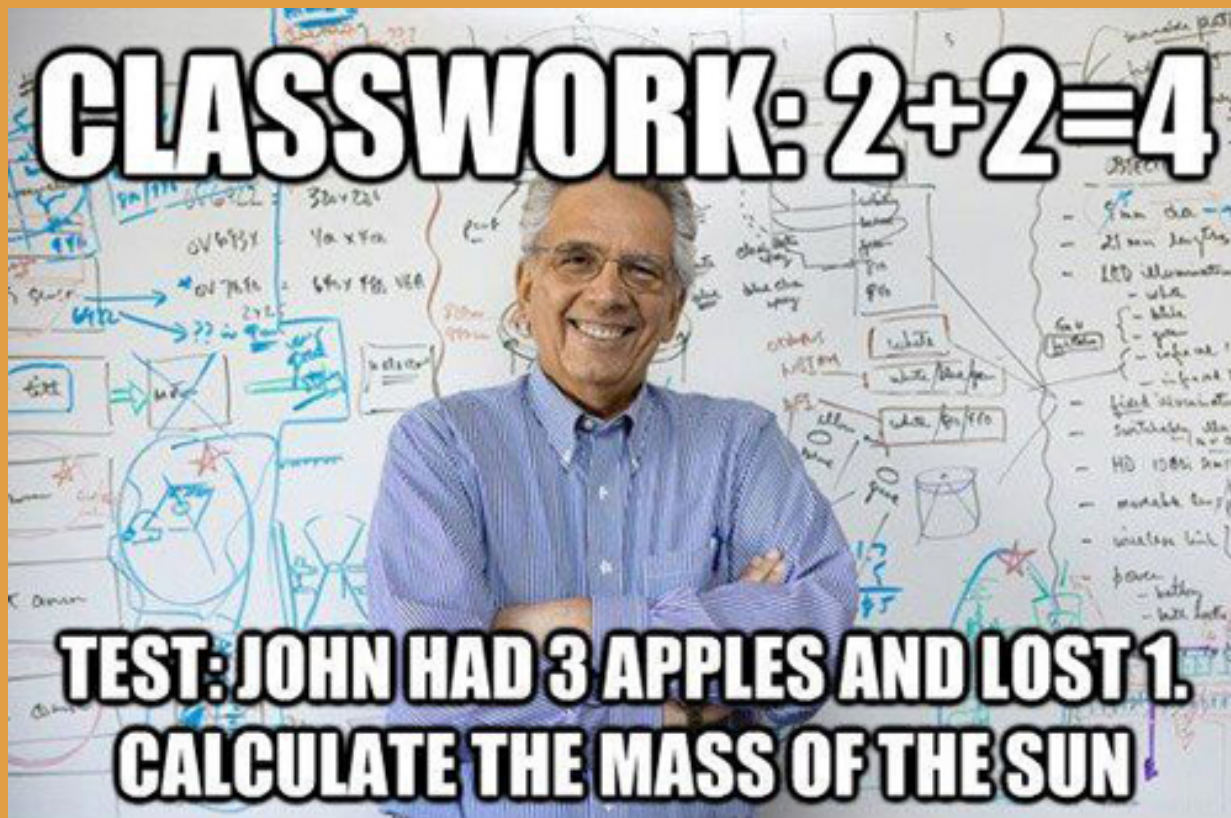
Execute a market survey

Develop your final product.



- Ragul D

MEME



~ SHARAN K

Events

1. National Level Electric Bike Design Challenge (EBDC 22), Sri Ramakrishna Institute of Technology, Electric Bike Design Competition, Coimbatore, Tamil Nadu, 17th - 18th February 2022
2. International Conference on Artificial Intelligence and Smart Systems (ICAIS 2022) 2021, JCT College of Engineering and Technology, International Conference, Coimbatore, Tamil Nadu, 23rd - 25th February 2022
3. International Conference on Advanced Computing (ICAC-2022), Bharathiar University, International Conference, Coimbatore, Tamil Nadu, 3rd - 4th March 2022

Exams after completing B.E

1. GATE
2. ISRO
3. BARC (they take through gate also)
4. BEL
5. NIELIT
6. DMRC (AE& JE)
7. BSNL (TTA)
8. RRB
9. Some state power corporations like UPPCL.
10. ECIL

GENERAL APTITUDE

1. Who designed the National Flag of India?

- a. Bhagat Singh
- b. Pingali Venkayya
- c. B.R. Ambedkar
- d. Jawaharlal Nehru

2. Who is known as "The Father of the Indian Constitution"?

- a. Jawaharlal Nehru
- b. B.R. Ambedkar
- c. Dr Rajender Prasad
- d. M.K. Gandhi

3. The Republic Day always has a parade exhibiting the power, culture and tradition of India. Where does the parade start from on this occasion?

- a. Red Fort
- b. India Gate
- c. Rashtrapati Bhavan
- d. Vijay Chowk

4. When was the Constitution of India adopted?

- a. 26th November, 1949
- b. 2nd October, 1952
- c. 15th August, 1947
- d. 26th January, 1950

5. Who was the Chairman of the Constituent Assembly of India?

- a. Dr. Rajendra Prasad
- b. Pt. Jawaharlal Nehru
- c. Dr. B. R. Ambedkar
- d. Dr. B. N. Rau

[Click here to answer](#)

- Sharan K

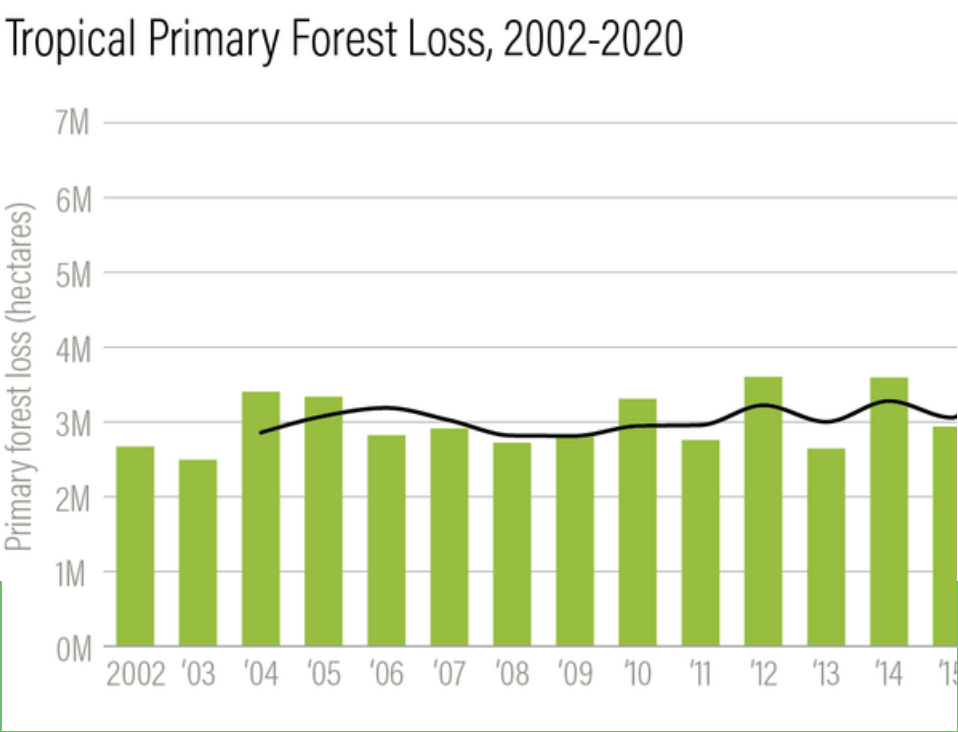
NATURE BLOG

Primary Rainforest Destruction Increased 12% from 2019 to 2020



The tropics lost 12.2 million hectares of tree cover in 2020, according to new data from the University of Maryland and available on Global Forest Watch.

Of that, 4.2 million hectares, an area the size of the Netherlands, occurred within humid tropical primary forests, which are especially important for carbon storage and biodiversity. The resulting carbon emissions from this primary forest loss (2.64 Gt CO₂) are equivalent to the annual emissions of 570 million cars, more than double the number of cars on the road in the United States.

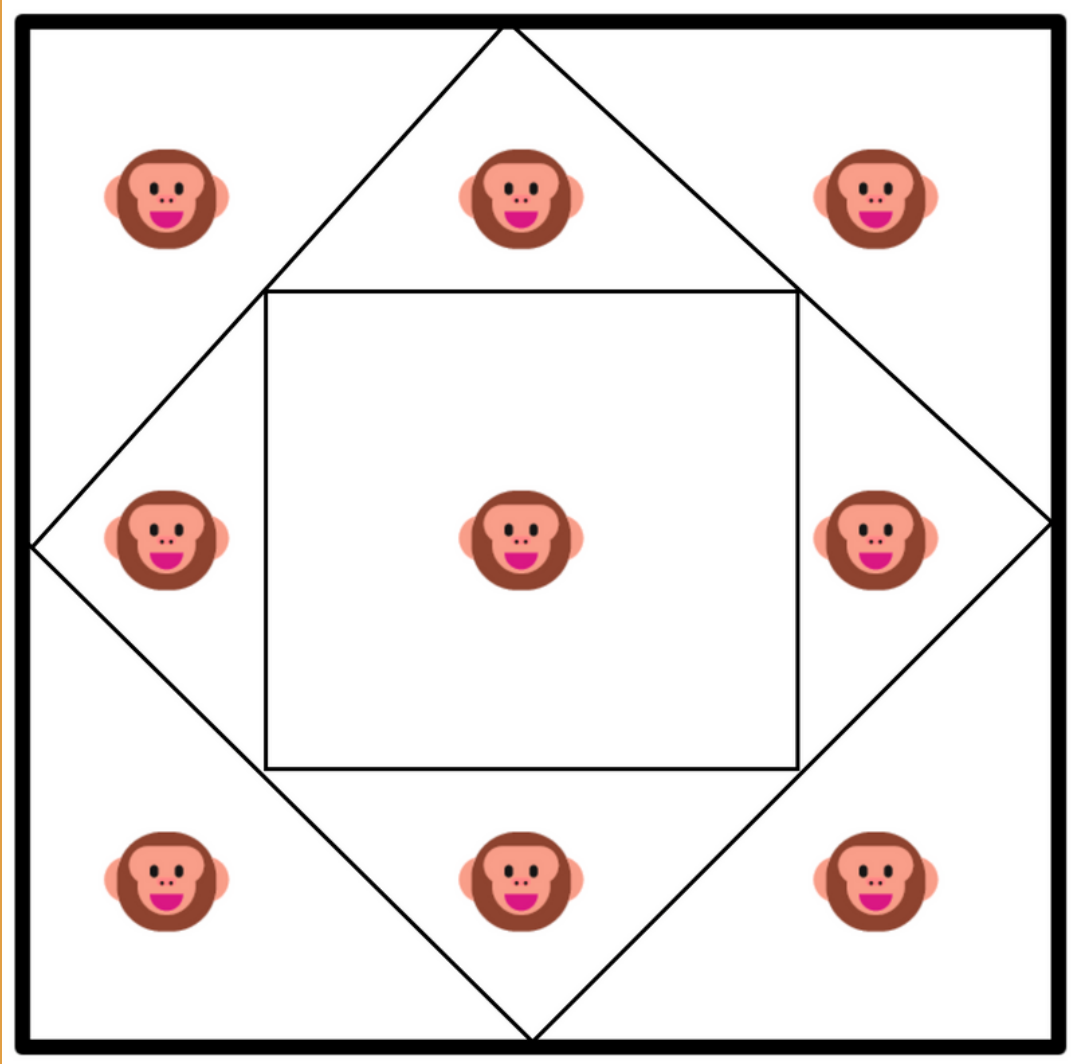


Primary forest loss was 12% higher in 2020 than the year before, and it was the second year in a row that primary forest loss worsened in the tropics. 2020 was meant to be a landmark year in the fight against deforestation – a year by which many companies, countries and international organizations had pledged to halve or completely stop forest loss. Continued losses of primary tropical forests make it clear that humanity has fallen short in meeting these targets.

– VIKRAM S

ANSWERS FOR THE PREVIOUS MONTH'S QUESTIONS

LOGICAL THINKING



INVESTIGATION TIME - ROBBERY ON BOARD (Previous month)

If you had predicted it would have been the seamen who had stole the captain's ring, you're absolutely right. He stated that he was correcting the flag as someone hung it upside-down. But the ship belonged to Japan. It had the nation flag of Japan on it, which looks same on whatever side it was hung.

GENERAL APTITUDE (Previous month)

- 1. [C] 76.36m
- 2. [C] INFINITE
- 3. [C] 700 apples
- 4. [C] 42,33
- 5. [D] 1.875pounds

EDITORS:



VIKRAM S
SHARAN K
Ragul D
Sri Sailendra Krishnan S