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Universal College of Engineering

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Volume 03 | Edition 10 | April 2021



ITS



YTES

An Initiative By



Department of Information Technology

#SATYAVACHAN

**OPPORTUNITIES
DON'T HAPPEN.
YOU CREATE
THEM.**

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US India Artificial Intelligence Initiative

USIAI has come up with a great initiative that will not only enhance the relationship of the countries but also work on the major problems that are faced by the users. To give you an idea about it, here is a glimpse.

The US India Artificial Intelligence Initiative was launched a few days back to enhance the technological relationship between the tech giants. Ashutosh Sharma, DST secretary, talked about scaling up the S&T relationship between the United States and India that will now only overcome the barrier of growth but also problems for both countries.

He added that the technology and research in artificial intelligence will help in implementing and promoting the network on 25 technology hubs under the National Mission on Interdisciplinary Cyber-Physical Systems as a triple helix.

The Initiative was established in March 2000, where the nodal representatives are the Government of India, the Department of Science and Technology (DST), and the US Department of State.

USIAI significance is to offer an opportunity to talk about the AI emerging landscape and address its major challenges. Another is to diminish the barriers for the bilateral AI workforce and recommend mechanisms and modes for catalysing partnership. The AI cooperation will cover the essential areas including materials, smart cities, healthcare, manufacturing, energy, agriculture, etc. for both countries.

India has spread AI in several sectors and has launched NITI Ayog - National AI Strategy and National AI Portal.



Source: <https://content.techgig.com/us-india-artificial-intelligence-initiative-everything-you-need-to-know-about/articleshow/81672393.cms>

**- MR. AKSHAY AGRAWAL
(Assistant Professor)**

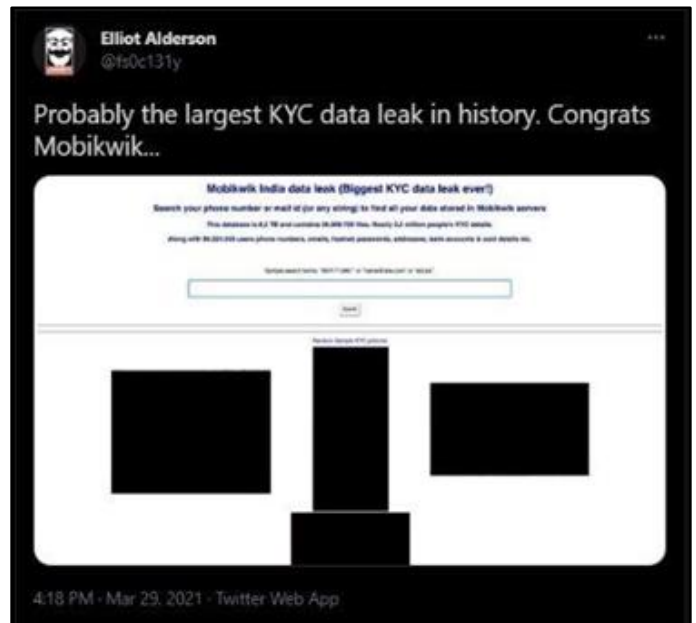
TB Of MobiKwik User Data Allegedly Hacked, Company Denies Breach

A massive database breach has allegedly occurred in MobiKwik servers where the KYC data of hundreds of thousands of its users has surfaced on the dark web -- as much as 8.2 terabytes of data.

This alleged MobiKwik data breach was first highlighted by French white hacker and security researcher Elliot Anderson via a screenshot on his Twitter earlier today.

The screenshot is of a dark web portal where users can allegedly search their phone numbers or email IDs and can get specific details that they want to extract from the allegedly hacked MobiKwik user base.

The alleged MobiKwik data leak was also highlighted by one Indian cybersecurity researcher Rajshekhar Rajaharia (reported first by TechNadu) who spotted the new database and has revealed the same earlier in the first week of March 2021.



The hacker who allegedly has access to the entire database of MobiKwik users' KYC details is willing to sell the entire chunk for 1.5 bitcoins, which amounts to around \$84,000, which will also follow pulling down the aforementioned portal and giving the buyer exclusive access.

The data that's on offer includes a total of 350 gigabytes of MySQL dumps that include 500 databases. It also consists of 99 million mail, phone passwords, addresses and data surrounding installed apps, IP addresses, GPS locations etc.

Source:

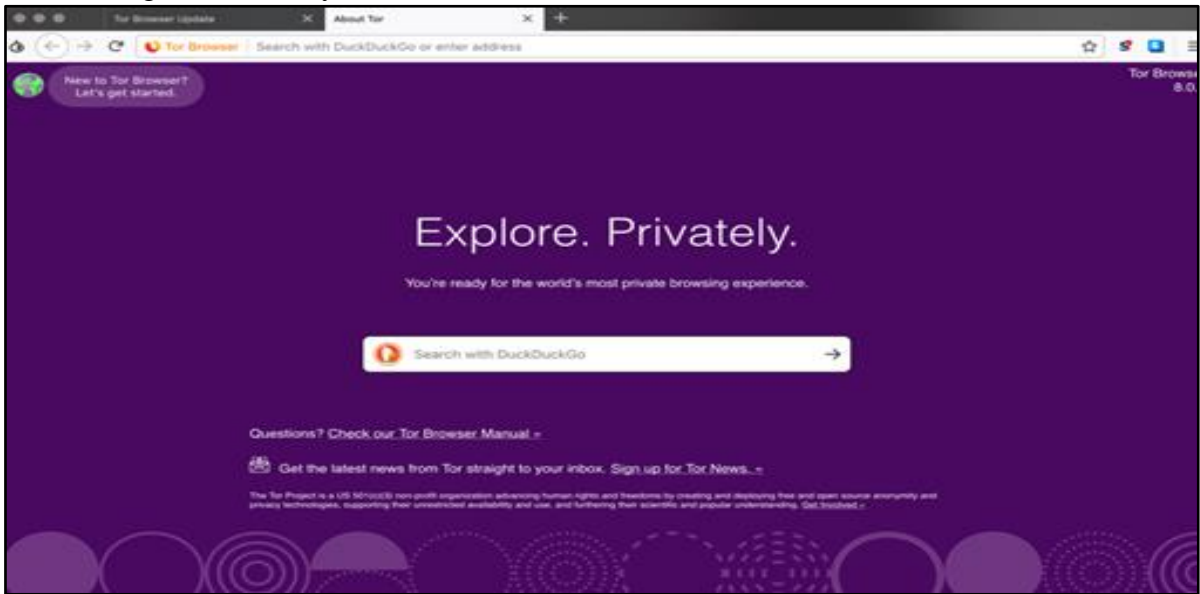
[TB Of MobiKwik User Data Allegedly Hacked, Company Denies Breach\(indiatimes.com\)](https://www.indiatimes.com)

**- MR. SAURABH SHINDE
(Student SE IT)**

Tor – An Open Source Browser

Searching the web is a daily activity for many of us, and as such, it is also a hotbed for tracking and potential cyberattacks. The most commonly-used browsers are Google Chrome, Apple Safari, Microsoft Edge, Opera, and Mozilla Firefox. However, you ought to think about using Tor if you would like to really keep your browsing private.

The Tor Project is an open-source browser that's privacy-focused. The software creates tunnels instead of establishing direct connections to websites, which prevents users from being tracked through traffic analysis or IP addresses.



Not to be confused with the Dark Web -- although required to access it and .onion domains in general -- Tor is legal and is often used by the privacy-conscious, including journalists, activists, civil rights groups, and NGOs.

The Tor browser can be slower than traditional browsers, but it is still the best choice for secure browsing. The non-profit recently launched a membership program to secure funding and boost integration in third-party products. If you are more comfortable using Chrome, Safari, Firefox, Microsoft Edge, or another browser, there are still ways to improve your security without implementing major changes to your surfing habits.

Cookies: Clearing out your cookie caches and browser histories can prevent ad networks from collecting too much information about you. The easiest way to do so is to clear the cache (Firefox, Chrome, Opera, Safari, Edge).

HTTP v. HTTPS: When you visit a website address, you will be met with either Hypertext Transfer Protocol (HTTP) or Hypertext Transfer Protocol Secure (HTTPS). The latter option uses a layer of encryption to enable secure communication between a browser and a server.

BROWSER PLUGINS:

HTTPS Everywhere: Available for Firefox, Chrome, and Opera, HTTPS Everywhere is a plugin created by the Tor Project and Electronic Frontier Foundation (EFF) to expand HTTPS encryption to many websites, improving the security of your communication with them.

No Script Security Suite: Endorsed by Edward Snowden as a means to combat government surveillance, this plugin has been built for Firefox and other Mozilla-based browsers for the purposes of disabling active content including JavaScript, which may be used to track your online activity. Users can also choose which domains to trust and whitelist.

Disconnect: Another worthy addition to the list, Disconnect provides a visual guide to websites that are tracking your activity. Invisible trackers that monitor you and may also expose you to malicious content can be blocked. Disconnect is available for Chrome, Firefox, Safari, and Opera.

Facebook Container: In a time where Facebook has come under fire for its data collection and sharing practices time after time, Mozilla's Facebook Container application is a worthwhile plugin to download if you are worried about the social media network tracking your visits to other websites. The plugin isolates your Facebook profile and creates a form of browser-based container to prevent third-party advertisers and Facebook tracking outside of the network. While not bulletproof, this add-on is worth considering if you want to separate Facebook from the rest of your browsing activities.

Blur: Blur, available for Firefox and Chrome, is an all-around plugin to protect your privacy and security. While the add-on can be used as a password manager and generator, ad blocking, and encryption, the true value is the use of "masked cards" in the premium version of the software. When data breaches occur, financial information is often the target. With this plugin, however, throwaway virtual cards are used with online vendors in replacement for the direct use of your credit card data, keeping it safe should a cyberattack occur.

Privacy Badger: Last but certainly not least, the EFF's Opera, Firefox, and Chrome-supporting plugin Privacy Badger is focused on preventing ad networks from tracking you. The software monitors third parties that attempt to track users through cookies and digital fingerprinting and will automatically block those which use multiple tracking techniques. The plugin also includes color-coded indicators of domain tracking scripts.

- MRS. YOGITA MANE
(HOD OF IT Dept.)

Why is Open Architecture the future of cyber security at airports?

What are your current key challenges?

One of the challenges we have is to adapt, going from many millions of passengers a year to virtually none. To survive as a business, we had to make some changes, such as with the assets and equipment that need to run whether there are passengers or not – the equipment must still be maintained, and in certain areas we have had to shut assets down.

The challenge is: how do we re-start in a timely manner when passengers return to flying and confidence builds? As you look to survive as a business and reduce costs in a safe and secure manner, you need to be aware of how you can upscale, also in a safe and secure manner, to return the operation to scale. It's something that has been considered for many months.

We have also got to maintain the security of our estate. That's people, physical and digital assets. And in times of disruption, it can give bad actors, threat actors, or those who may become curious – or who have time on their hands – it can give them the opportunity to test the integrity of your systems. So that is a challenge that is ongoing, but in times of disruption, I think it's increased. I believe this is the case for all businesses.

The downturn in passenger numbers means that money can't be spent on projects to do new things. The work we are trying to do in deploying new security equipment is taking longer than we expected because the funding isn't there to do it, and when we are doing something large and potentially changing to the industry, such as Open Architecture and the impact it's going to have on cybersecurity, that's also dragging out those timescales as well.

What benefits can open architecture offer for data sharing in a secure way?

Open Architecture was previously associated with software engineering or software development. Open Architecture in our world enables the interoperability of systems that were previously not open or tightly integrated. What we want to do is create something that is open, to be able to interact with partners, and that enables entry into the market, because you have a standardised way for systems, people, organisations to interact with set formats, and to be able to ingest and interpret those formats to give you relevant information.

You're able to improve the passenger experience and make efficiencies. Organisations can now extract data from previously closed systems, for monitoring, for continuous improvement purposes, or for the reduction of repetitive processes – you don't have to repeat the process more than is necessary if you are able to accept data or information from a system downstream that you trust.

You could argue that interoperability could open the opportunity for understanding how the frameworks work and exploiting them. But if you have frameworks and standards in the way you operate, upgrading, making changes, and working to mitigate evolving threats becomes easier, because you are working within a framework so you can detect anomalies, which can be understood by more than one organisation, manufacturer, or vendor.

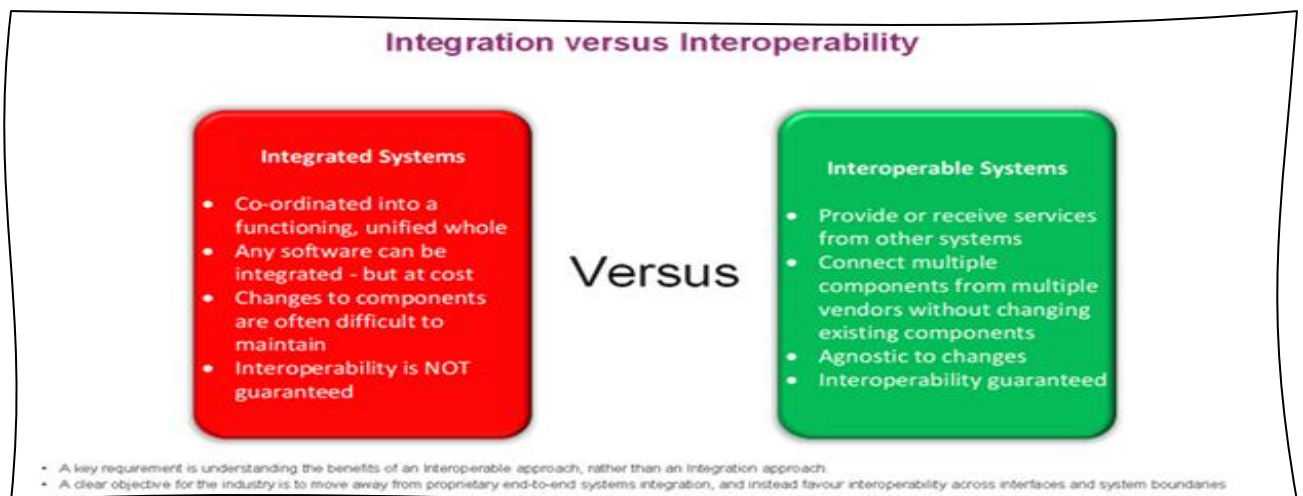
The whole idea of interoperability is absolutely key. We've written this definition document and presented it to numerous industry bodies and got a lot of support from the end users, customers and regulatory bodies. We are now working to persuade the manufacturers on this journey.

Over the last two or three years, most of the manufacturers have started talking about "Open Architecture" in their business plans and roadmaps, but they very much see it as their view of Open Architecture. It's only Open Architecture within their world. So, we are trying to define an Open Architecture that works across the board, and the phrase we often use is "plug and secure play".

So, in an airport, you might have two devices that work together and talk to each other. That's all very well if those two machines are from the same manufacturer – they are designed to do that – but we want to get to a point where we can have devices from different manufacturers and for that data exchange to still be really easy and seamless.

So Open Architecture is a technical concept, but fundamentally it's about improving the operational or security efficiency, business efficiency and procurement efficiency. That is absolutely key, because the procurement side of these things is very costly.

What are the key differences and why do you favor interoperable systems?



Source: <https://eandt.theiet.org/content/sponsored/why-is-open-architecture-the-future-of-cybersecurity-at-airports/>

**- MR. JIGAR CHAUHAN
(Assistant Professor)**

Self-Care for COVID 19 (Coronavirus)

Taking Care of Yourself When You Have COVID-19:

If you are diagnosed with coronavirus or think you might have it, here's how to care for yourself and family members.

Stay Home Until:

- You have not had a fever for at least 72 hours (that's three full days of no fever without taking any fever reducing medicine)
- Other symptoms, such as cough or shortness of breath, have improved
- At least seven days have passed since your symptoms first appeared

Leave Home Only:

- Monitor your symptoms and stay in touch with your doctor if you feel worse.
- Call before you go to any health care setting.

Stay Away from Others:

- At home, stay away from family members and pets.
- Wear a facemask if you have to be around others to protect them from your cough and sneeze droplets.
- Do not share dishes, drinking glasses or cups, eating utensils, towels or other bedding with people in your home. Wash these items thoroughly after each use.
- Clean and disinfect surfaces including sinks, microwave, refrigerator, toilets, shower, bath, etc., after you use them.
- Wear a facemask and gloves if you need to be around family members and pets.

Take Care of Yourself:

- Get plenty of rest.
- Drink lots of fluids.
- Keep warm.
- Use a humidifier or take a hot shower for sore throat and cough.
- Take acetaminophen, ibuprofen or naproxen to reduce fever and relieve aches and pains.
- Eat healthy foods.
- Clean your hands often with soap and water for at least 20 seconds after you blow your nose, cough, sneeze, use the bathroom, and before eating or preparing food.
- Use alcohol-based hand sanitizer with at least 60% alcohol if soap and water are not available.

Source: <https://www.nationaljewish.org/patients-visitors/patient-info/important-updates/coronavirus-information-and-resources/health-tips/self-care-tips/self-care-for-covid-19>



- MRS. SANKETI RAUT
(Assistant Professor)

World Water Day 2021



The theme of World Water Day 2021 is “Valuing Water” and has been chosen to highlight the value of water in our daily lives.(AFP)

The resolution to observe World Water Day was first adopted by the UN General Assembly on December 22, 1992, after which March 22 was declared as World Water Day and is celebrated around the world since 1993.

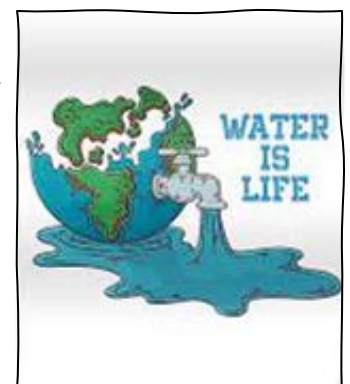
World Water Day is observed annually across the globe on March 22 with the purpose of highlighting the importance of water and raising awareness about the water crisis that the world faces. According to the United Nations (UN) website, the main focus of the day is to “support the achievement of sustainable development goal (SDG) 6: water and sanitation for all by 2030.”

History of World Water Day:

The resolution to observe World Water Day was first adopted by the UN General Assembly on December 22, 1992, after which March 22 was declared as World Water Day and is celebrated around the world since 1993.

Theme of World Water Day 2021:

The theme of World Water Day 2021 is “Valuing Water” and has been chosen to highlight the value of water in our daily lives. “The value of water is about much more than its price – water has enormous and complex value for our households, food, culture, health, education, economics and the integrity of our natural environment. If we overlook any of these values, we risk mismanaging this finite, irreplaceable resource,” the UN website says



1 in 3 people live without safe drinking water.

By 2025, half of the global population will be living in areas where water is scarce.

On Monday's World Water Day & every day, let's commit to protect this valuable resource!

World Water Day celebrations:

Owing to the coronavirus pandemic, World Water Day 2021 will be celebrated virtually in which the United Nations Water Development report will be released with the purpose of recommending policy directions to various countries on how to deal with the water crisis. The UN website also urges people to participate in online conversations about the importance of water by using social media. #Water2me and #WorldWaterDay can be used for engaging in digital discussions.

World Water Day in India:

Prime Minister Narendra Modi will launch the 'Jal Shakti Abhiyan: Catch the Rain' campaign during a video conference in which a memorandum of agreement (MOA) will be signed between the Jal Shakti ministry and the government of Uttar Pradesh and Madhya Pradesh for starting the Ken-Betwa Link project. The Ken-Betwa Link is the first river-linking project in India which is aimed at carrying water from surplus areas to those that are water-scarce by interlinking rivers, according to a statement from the Prime Minister's Office (PMO).

A Few Ways to Save Water at Home:

- Take shower for five minutes or less
- Turn off the tap while washing your hands or while brushing your teeth
- Install a water saving Toilet flush system
- Close taps properly
- Fix leaking taps, Pipes and Toilet
- Wash only when you have full loads of laundry
- When it is raining switch off the sprinkler system



Source:

<https://www.hindustantimes.com/world-news/world-water-day-2021-theme-history-and-how-the-day-will-be-celebrated-101616378814612.html>

<https://www.thehansindia.com/life-style/world-water-day-all-about-water-677865?infinitemscroll=1>

- MR. ALLAN LOPES
(Assistant Professor)

The Importance of Donating Blood during the COVID-19 Pandemic

In the United States, someone needs blood every two seconds to address anything from surgeries and severe illnesses to cancer treatments and traumatic injuries, according to the American Red Cross. That's 30 people every minute, 1,800 people per hour, 43,200 people per day and more than 15 million people per year.

In other words, donating blood is a critical piece of the American health care system. Since January is Blood Donor Month, INTEGRIS Health partnered with Oklahoma Blood Institute and spoke with Chief Medical Officer Tuan Le, M.D., to find out why donating blood and convalescent plasma is so important during the COVID-19 pandemic.

Why Oklahoma Blood Institute needs your help:

Blood donations experience ebbs and flows throughout the year, especially during the holidays and with inclement weather.

Oklahoma experienced a debilitating ice storm in late 2020 that left hundreds of thousands of people without power. Combine that with the social distancing measures and many people staying home during the pandemic, and OBI experienced a less-than-one-day supply of blood in late October 2020, according to Dr. Le. Typically, OBI keeps a three- to five-day supply on hand to serve area hospitals.

One donation can save up to three lives. On average, OBI receives 1,200 donors a day, although that number has dipped during the pandemic.

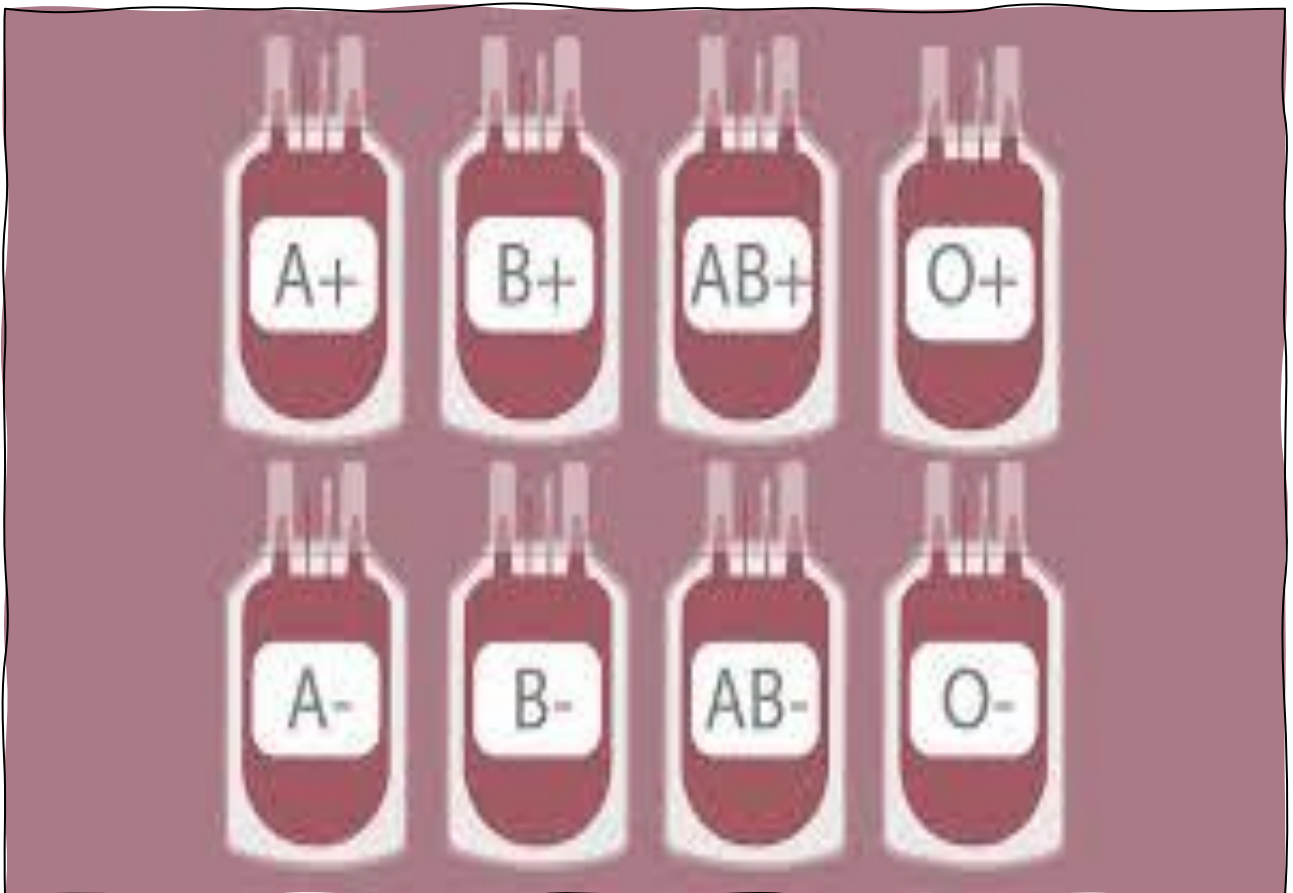
“Blood donation is important, now more than ever, during this COVID-19 pandemic,” Dr. Le says. “At the beginning of the pandemic last spring, we were challenged by cancellations of blood drives due to the initial business, school and travel restrictions to flatten the infection curve. Although the cancellation of elective surgeries resulted in a decrease in some hospital inventory ordering patterns, the need for blood and platelets remained due to their therapeutic roles in trauma and cancer management.

“With the reopening phase in early summer of 2020, the resumption of elective surgeries and procedures increased demand for blood products. However, at the same time, mitigation measures to prevent or decrease the spread of COVID-19 resulted in the erosion of both large and small blood drives along with continued cancellations of blood drives at businesses and schools due to social distancing protocols.”



Oklahoma Blood Institute, which is the sixth-largest independent blood center in the country, plays a key role in allowing Oklahomans to receive blood transfusions. They provide more than 90 percent of Oklahoma's blood supply to over 160 hospitals and medical facilities, including all the blood used in Oklahoma City metro hospitals.

For example, OBI's OKC Donor Center serves INTEGRIS locations such as INTEGRIS Baptist Medical Center, INTEGRIS Health Edmond, INTEGRIS Southwest Medical Center, INTEGRIS Canadian Valley Hospital, INTEGRIS Baptist Medical Center Portland Avenue and the INTEGRIS community hospitals at Council Crossing, Del City, Moore and OKC West.



Source: [integrisok.com/resources/on-your-health/2021/january/the-importance-of-donating-blood-during-the-pandemic](https://www.integrisok.com/resources/on-your-health/2021/january/the-importance-of-donating-blood-during-the-pandemic)

- MRS. ROVINA D'BRITTO
(Assistant Professor)

Facebook Apps Used In More Than Half Of Online Child Sex Crimes

More than half of the online child sex crimes in one year took place on Facebook-owned apps, according to data from the NSPCC, as the charity called for more to be done to tackle abuse in private messaging.

Facebook has previously revealed plans to make messaging across its apps, including Instagram and Facebook Messenger, end-to-end encrypted like another of its services, WhatsApp, in order to boost user privacy. End-to-end encryption is the practice of securing communications from everyone but the participants, including the platforms hosting the conversation.

The NSPCC said the data it received showed 9,477 instances of sexual or indecent image offences against children were recorded by police between October 2019 and September 2020 where the communication platform was known, with 52 per cent taking place on Facebook-owned apps.

The data were gathered from 35 police forces in England, Wales and the Channel Islands. The NSPCC argued that should Facebook go ahead with its encryption plans, many of these offences could go unreported in future unless new safeguards were put in place.

“Facebook is willingly turning back the clock on children’s safety by pushing ahead with end-to-end encryption despite repeated warnings that their apps will facilitate more serious abuse more often,” said Andy Burrows, head of child safety online policy at the NSPCC.

In response to the research, a Facebook company spokesperson said: “Child exploitation has no place on our platforms and we will continue to lead the industry in developing new ways to prevent, detect and respond to abuse.

“For example, last week we announced new safety features on Instagram, including preventing adults from messaging under-18s who don’t follow them.

In response to its latest report and looking to the Online Safety Bill, the NSPCC said it was calling on the government to shift the onus onto tech firms to show they were identifying and mitigating risk in products before rolling them out, rather than relying on the regulator to prove risk.

A government spokesperson said: “Our Online Safety Bill will bring in world-leading measures to protect children and ensure there is no safe space for paedophiles to hide on social media.

“The burden will fall solely on social media companies to prove they’re doing all they can to keep children safe and they will not be able to use encryption as an excuse.

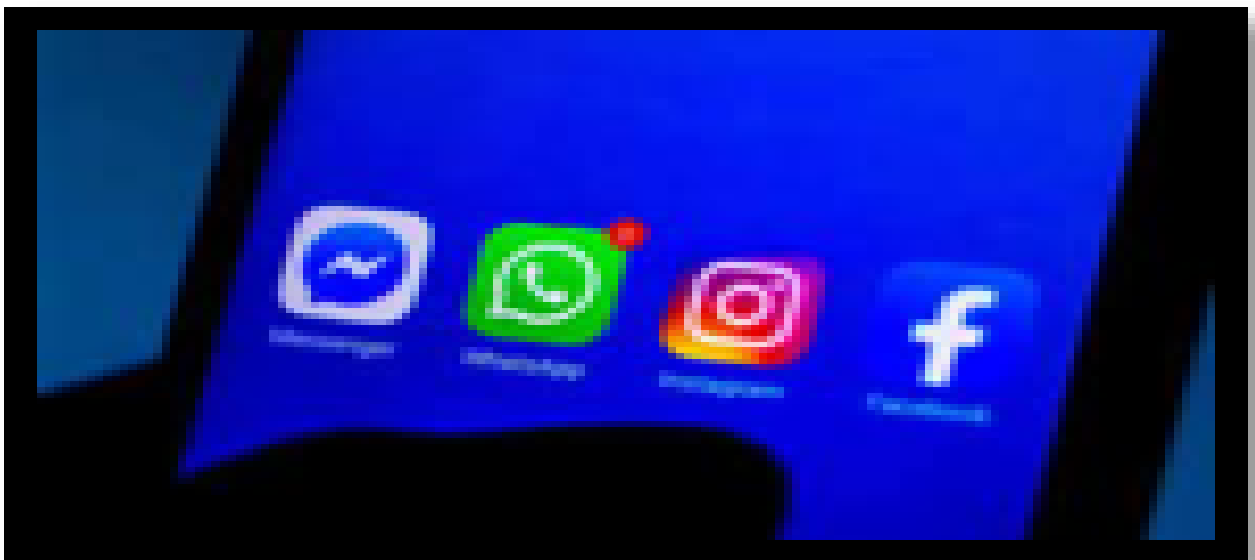
Facebook recently announced its improved safety features for Instagram around teenage users, restricting the ability of adults to contact teenagers who do not follow them on the platform. The range of new measures being introduced will also see Instagram sending safety alerts to users aged under 18 to encourage them to be cautious in conversation with adults to whom they are already connected, but who may have exhibited potentially suspicious behaviour such as sending a large amount of friend or message requests to teenage users.

According to the internal post, the work would be overseen by Adam Mosseri, head of Instagram, and led by Pavni Diwanji, a vice president who joined parent company Facebook in December. Diwanji previously worked at Google, where she oversaw such child-focused products as YouTube Kids.

Facebook already offers a child-oriented version of one aspect of its flagship titular social media app, called Messenger Kids, designed for children between six and 12.

“Even while Facebook claims that the service must be ‘managed by parents’, we know that kids will find the means to access their accounts without adult supervision. Fraudsters expect this and will strategise accordingly. We encourage parents to take an active role in providing feedback to the social media platform on the security measures in place to protect the children.

“As children spend more time online and unaware of their vulnerability, helping to protect your child’s online identity can start with simple education.



Source:<https://eandt.theiet.org/content/articles/2021/03/facebook-apps-used-in-more-than-half-of-online-child-sex-crimes-says-nspsc/>

- MR. JIGAR CHAUHAN
(Assistant Professor)

In a first, scientists have ‘conversation’ with people during lucid dreams



The science-fiction plot of the movie *Inception*, wherein Leonardo DiCaprio enters into other people's dreams to interact with them and steal secrets from their subconscious, seems to be just one step closer to reality as scientists have found a way to implement this.

In a recent study published in the journal *Science Direct*, researchers have found that people can communicate in real-time during a lucid dream. For the first time, scientists “communicated” with people during lucid dreaming – when the dreamer is aware that they are dreaming. During the course of the study, it was found that people can perceive questions from an experimenter and provide answers using electrophysiological signals. Lucid dreaming is a rare phenomenon and can seldom be summoned at will, making it difficult for researchers to capture them in the lab in a reliable manner. The research “showed that dreamers are capable of comprehending questions, engaging in working-memory operations, and producing answers,” during lucid dreams, study author Ken Paller of Northwestern University was quoted by a report as saying. It was also found that it was possible for people who were dreaming to follow instructions, do basic mathematics, answer yes-or-no questions, and tell various other sensory inputs apart. “Most people might predict that this would not be possible—that people would either wake up when asked a question or fail to answer and certainly not comprehend a question without misconstruing it,” Ken Paller was quoted as saying.

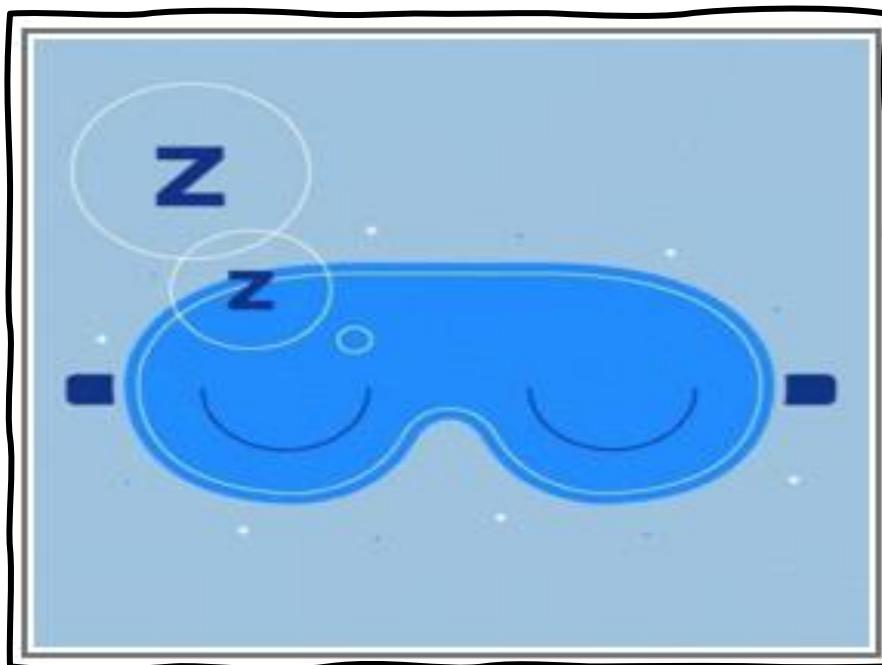
BUT HOW IS IT POSSIBLE?

Researchers implemented procedures for two-way communication during polysomnographically – a multi-parametric test used in the study of sleep – verified rapid-eye-movement (REM) sleep in 36 individuals across France, Germany, the Netherlands, and the USA.

The rapid eye movement (REM) phase of sleep is when the most dreaming occurs. Rapid eye movement (REM) sleep is one of the five stages the brain moves through during sleep. According to a report, People enter REM sleep within the first 90 minutes of falling asleep. Lucid dreams occur predominantly during REM sleep and can be accompanied by eye-movement signals used to indicate that dreamers recognise that they are dreaming or to transmit other information such as time-stamping dream events.

Researchers used several methods for communicating in and out of dreams. In each of the 36 cases, REM sleep was verified with standard polysomnographic methods and sensory stimulation was used to convey questions to the dreaming participant.

Prior to the study, participants generally practiced receiving questions from the experimenter and producing answers in the form of physiological signals based on facial or eye movements, the Science Direct report said. However, they did not know which specific questions would be posed to them during sleep, “such that the communication is subsequently undertaken during sleep was always novel”.



WHAT THE STUDY REVEALED?

“Lucid dreamers were able to follow instructions to compute mathematical operations, answer yes-or-no questions, or discriminate stimuli in the visual, tactile, and auditory modalities,” the Science Direct report said.

According to a report in Science that quoted from Current Biology, the researchers asked 158 questions to the lucid dreamers, who responded correctly 18.6 per cent of the time. The dreamers gave the wrong answer to only 3.2 per cent of the questions; 17.7 per cent of their answers were not clear and 60.8 per cent of the questions got no response.

“After several questions, the dreamers were woken up and asked to describe their dreams. Some remembered the questions as part of a dream: One dreamer reported math problems coming out of a car radio. Another was at a party when he heard the researcher interrupting his dream, like a narrator in a movie, to ask him whether he spoke Spanish,” the report said.

Mentioning the experience of some of the people involved in the study, the report in Science Direct said, “During REM sleep, these individuals exhibited various capabilities, including performing veridical perceptual analysis of novel information, maintaining information in working memory, computing simple answers, and expressing volitional replies.”

How did they respond? The dreamers answered in real-time with volitional eye movements or facial muscle signals, the study said.

“Their responses included distinctive eye movements and selective facial muscle contractions, constituting correctly answered questions on 29 occasions across 6 of the individuals tested,” the report said.

Source: <https://www.indiatoday.in/science/story/in-a-first-scientists-have-conversation-with-people-during-lucid-dreams-1771153-2021-02-20>

- MS. MALIHA MOMIN
(Student SE IT)

Holi Festival of Colors: Beyond the Streets of India

Religion, bonfires and an abundance of colored chalk — India’s Holi Festival could just be one of the world’s most beautiful celebrations. Faces were masked with color, and social rules were relaxed last weekend in India; it’s no surprise that numerous communities overseas are also jumping on the multi-colored bandwagon and wishing each other a ‘Happy Holi’ too. Every year, the Holi Festival brings a rainbow of chalk to the streets of India. The Holika bonfire is ignited the night before the Holi, bringing people gathered together for an evening of dance and song. The following day, the bonfire gives way for a free-for-all carnival of color. Participants play, chasing each other with colored water and powder. The festival’s intention is to bring together strangers, uniting the rich and poor, men and women, children and elders — people who might not mingle otherwise. Holi Festival is celebrated at the approach of the vernal equinox, which is on the Phalguna Purnima and typically at the end of February or beginning of March. The festival signifies the victory of good over evil, the arrival of spring and the end of winter, and an opportunity to meet others. People are brought together to play and laugh, forget and forgive, to repair ruptured relationships.

The festival typically marks full moon day of Phagun, the 12th month of the Hindu calendar. It is increasingly popular upon the Golden Triangle Tourist Circuit in India, with celebrations in Delhi, Jaipur, and Agra. Holi Festival in these cities is distinctively more vivid and jovial than those in southern India, where Holi is often more solemn and more focused on religious rituals.

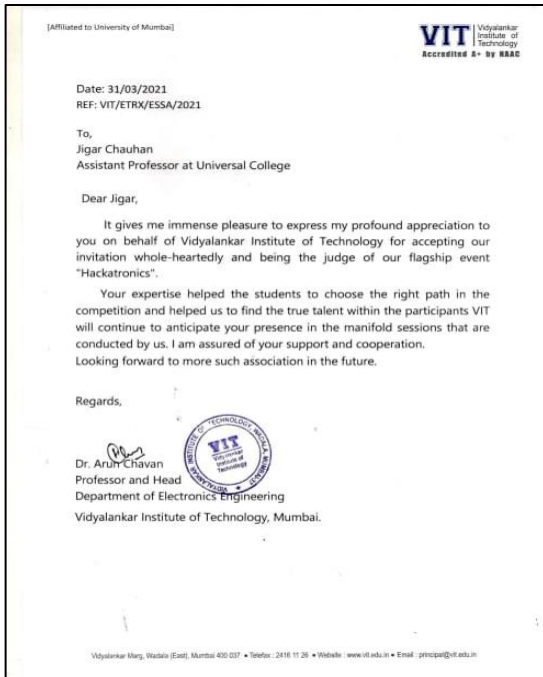


In short, Holi spreads love and brotherhood. It brings harmony and happiness in the country. Holi symbolizes the triumph of good over evil. This colorful festival unites people and removes all sorts of negativity from life.

Source: <https://theculturetrip.com/asia/india/articles/holi-festival-of-colors-beyond-the-streets-of-india/>

**- MS. LAVANYA DEIVAKARUNATHAN
(Student SE IT)**

ACHIEVEMENTS



Prof. Jigar Chauhan received an Appreciation letter for an event "HACKATRONICS" hosted by VIT. He was a judge of that event. Congratulations sir for an amazing experience.

Ms. Anushri Jadhav received a participation certificate from ApScript Hackathon, 48 hrs hackathon conducted by IEEE ApScript.



STUDENT'S PLACEMENT

Sr. No.	Name of the student	Company	Package (in LPA)
1.	Neha Dubey	Qspiders	3.75
2.	Sarita Shetty		
3.	Subham Singh		
4.	Jaskirat Sood	Toppr	4.00
5.	Karan Thakkar		
6.	Dhru Prajapati	Swabhav Techlabs	4.00
7.	Ashish Gupta	Nucsoft	3.40

UPCOMING EVENT

Webinar On Data Analytics:

Date: April 10, 2021

Time: 12:00 pm – 01:00 pm

Attendee: Students Of All Branches

Resource Person: *Bhavya Goradia*

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