Student Affairs Highlights

JANUARY 2022 EDITION

Club Events

GirlUp Udaan IIITD organised a **Breast Cancer Fundraiser** and all their proceeds from this fundraiser were donated to The Maina Foundation, a non-profit dedicated to increasing awareness of breast cancer, promoting early detection and offering chemotherapy to women in need of financial assistance. Help out this noble cause by contributing in the form of cash or art. Every contribution matters!

How You Doin? by **MicDrop**: MicDrop organised an event where participants recorded themselves saying the funniest pickup lines they had ever heard or thought of and uploaded them on Instagram.

BYLDxPostman: API 101 using Postman:

BYLD, in collaboration with Postman, conducted an exciting event that answered APIs' whats, whys, and hows and distributed some free swags!

Byld X Respct | Session on Blockchain/Web3 and Solidity Programming:

Organised a workshop for all blockchain and web3 enthusiasts. The team gave an introduction to concepts of blockchain, DEXs, NFTs, crypto wallets, and basic Solidity programming. They also guided attendees to write smart contracts, set up their Metamask wallet, and interact with their creator DEX. workshop NFTs were also awarded to all who joined.

Byld: Dec0de Dev:
Conducted a session on getting started in development and answered various questions that everyone had in their mind. This session was taken by the team behind CollabAmigo. The team also gave an introduction to their platform CollabAmigo which is currently being used by Byld and other clubs for managing events and took them through some of the techs that helped them build it.

Intro to College Quizzing
By Trivialis

Trivialis Intro to College Quizzing:
Trivalis organised an introductory session on introducing students to the trades and tricks of college quizzing and explaining to them how to begin their path to become the Hinata Shoyo of Quizzing.

Évariste conducted another **Zero Prerequisite Contest 20** where participants were given some material to read and based on their understanding they answered some questions. This time it was on a topic that was useful in various other branches of mathematics.

'Intro to College Debating' by LDA :
LDA conducted an 'Intro to College Debating' Session on 26th January on the LDA Discord server. The newcomers were introduced to different formats and aspects of debating and how to become a better debater. The session also involved a mock debate for practice.

Byld : CodeIt :

A beginner-friendly competition for freshers in web dev to express their styling skills in HTML or any web framework.
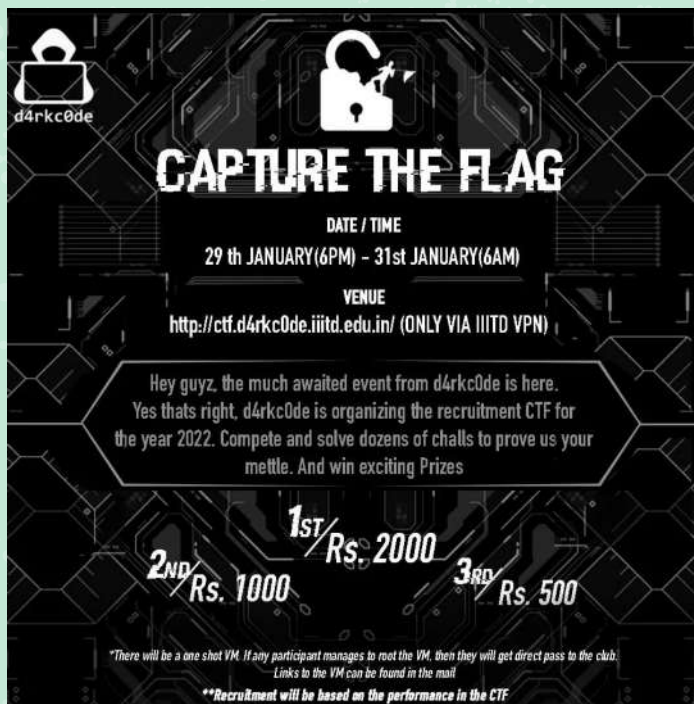
D4rkc0de's Capture the flag :

D4rk0de organized a capture the flag event, which will also be used for their recruitment drive. It was a 3-day event to compete and solve dozens of challenges.

Foobar Codeclasses [93] :

Foobar conducted two codeclasses, one was beginner level in which they taught about the maths used in competitive programming and the other was advanced CodeClass where they covered the topics related to basics of graphs.

ACM-IIITD Student Chapter "Scratch It" Ideathon:
Conducted a 60-hour event of problem identification and ideation followed by a presentation phase. Participants were required to identify a problem among the Technology and Research related categories and further ideate a corresponding solution.

Weekend movie screening and discussion with **Philosoc:**
Philosoc organised another movie screening this time it included Anand Gandhi's masterpiece "Ship of Theseus" and WALL-E the next day followed by a discussion on both of the respective days.
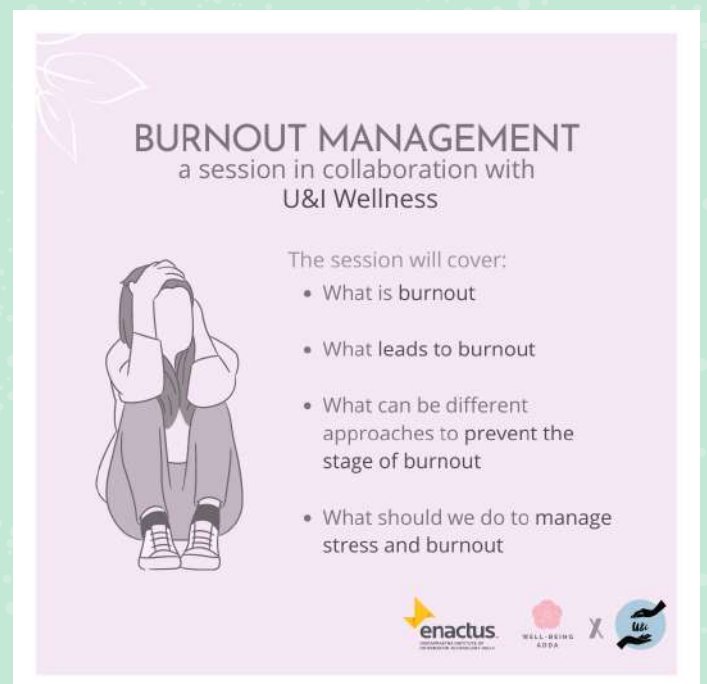
Enactus IIITD | Well Being Adda - Burnout Managment :
Well Being Adda conducted a session on burnout management in collaboration with U&I wellness where they covered points about what is burnout, what leads to it and the different ways to manage stress and burnout.

Well Being Adda | Enactus IIITD : ConclaveX ARSD :

Ennovate! ConclaveX conducted a Panel Discussion on perusal of Mental Health. Vaibhav Jaiswal represented Well being Adda as one of the panelist in the discussion. They discussed their initatives and projects related to mental health and well being.

D4rkc0de: Intro to Capture The Flags:

Organised an Introduction to Capture The Flag Competitions by Mehul Arora

D4rkc0de: Alumni Talk with Aneesh Dogra:

an alumni session by d4rkc0de founder and ex byld coordinator, Aneesh Dogra, who is currently working as a security engineer at Google Zurich.

LDA Fresher's Debate :

LDA was back with its traditional fresher's debate which serves as an initiation into a life of fun, deliberation and reason. The debate was 1 v 1, and was semi-extemporaneous in nature.

FRESHERS' DEBATE WINNERS

FIRST PRIZE
Milind Jain

SECOND PRIZE
Shivam Dwivedi

THIRD PRIZE
Vishnu Mothukuri

Congratulations!!

ANIME NIGHT: CLASSROOM OF THE ELITE

JOIN AS AUDIENCE!

DATE 28 Jan (Friday)
PLACE LDA IIITD's Discord Server 8:30 PM onwards

LDA anime night :

LDA conducted an Anime Night on LDA's Discord server. They streamed episodes from the popular Anime – 'Classroom of The Elite'.

Finnexia Movie Night :

Movie night is an finnexia event where some of the finance enthusiasts come together and watch a movie that interest all of them! This time it was the movie inside job which was based on the global financial crisis of 2008.

FINNEXIA Finance Club IIT-Delhi

MOVIE NIGHT

INSIDE JOB
The Global Financial Crisis of 2008

On Sunday,
30 January 2022, 8 PM

Venue: Google Meet

INSIDE JOB
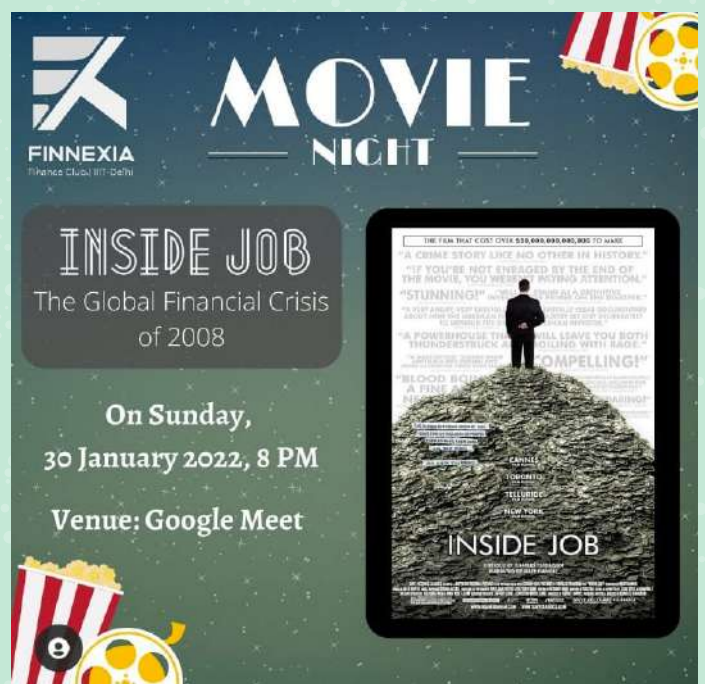
Slash - The Cryptic Hunt | IEEE-IIITD:

Conducted their flagship event, Slash, IIITD's one and only cryptic hunt, where participants had 24 hours to take on the challenge of Slash and prove their mettle. This event tested their deciphering skills and logical ability.

The IIITD Consulting Club | Introductory Session:

Consulting club hosted an introductory session for their newly created club followed by a guesstimate session. It helped the students gather new insights into decision making.

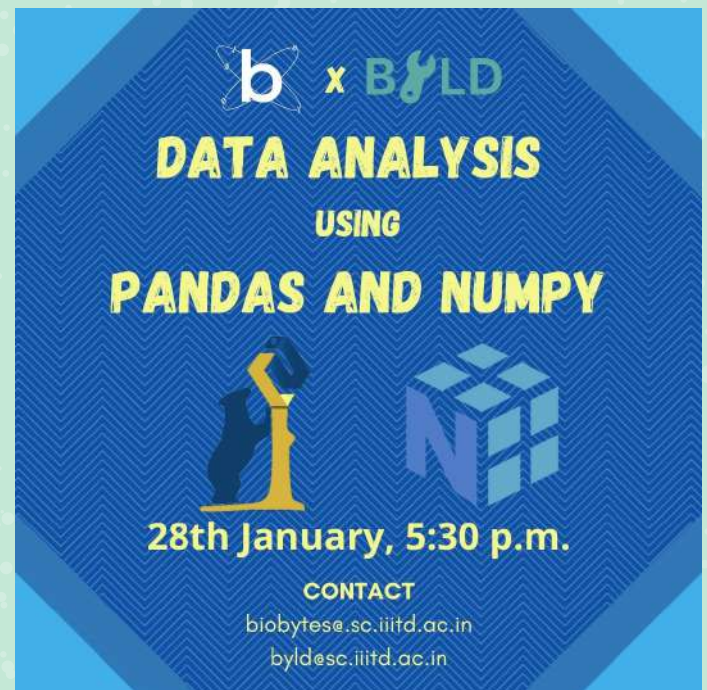## Women In Tech: All about Google Summer of Code (GSoC) and Outreachy:

Organised a session to introduce open-source programs which are right around the corner. Last year's alums of these prestigious programs were invited to provide attendees with a detailed step-by-step guide to the application process, essential tips to make their application stand out, and most important of all, their first-hand experiences!

BioBytes & Byld: Data Analysis using Pandas & Numpy:
conducted an exciting session on "Data Analysis using Pandas & Numpy". In this session, they gave an introduction to different libraries like Pandas & Numpy to analyze different datasets which are the bread and butter for the majority of data science and AI projects.

b x BYLD

DATA ANALYSIS
USING
PANDAS AND NUMPY

28th January, 5:30 p.m.

CONTACT
biobytes@sc.iiitd.ac.in
byld@sc.iiitd.ac.in

Salt
n'
Pepper

FOOD DATE

Wed, 26th Jan, 5PM
An evening with Friends, Fun and Food

Salt n pepper: Food Date -
Salt n pepper conducted one of their premier events the "Food Date" to make meeting someone new a lot simpler and more fun! Two foodies were paired based on their answers in the Google form. The pair was provided with a private Zoom Breakout Room to enjoy their date.

Cyborg: Introduction to Robotics:
Cyborg hosted its first session on Introduction to Robotics. In this session, they taught the basic concepts and broad elements of how problems in robotics are framed and will go into greater detail for each topic in further sessions.

Industry Perspectives on Compiler Design

Lean In organised an introductory level talk on Industry perspectives on Compiler Design. Students who wanted to figure out the use case of Compiler Design in Industry attended the talk.
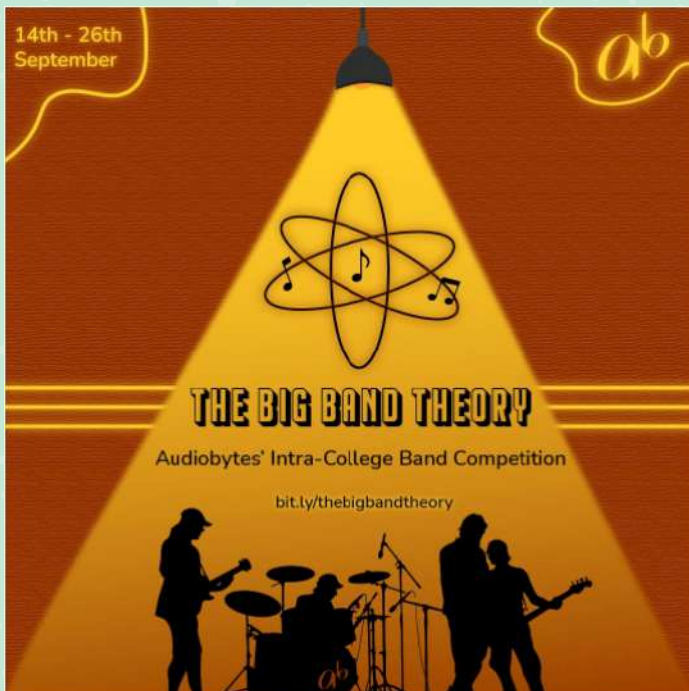

AudioBytes Big Bang theory :

Audiobytes was back with an intra-college band competition called "The big band theory". IIITDians formed teams with their friends to participate in this musical event to create marvelous symphonies that dazzled the whole college community.

AudioBytes : Karaoke Night -

AudioBytes conducted an amazing night of Karaoke. This was conducted especially for freshers. It was an great opportunity for freshers to sing and enjoy with their seniors and peers.

Recruitment drive :

Various clubs of IIITD are currently in the process of expanding their teams through competitions and interviews. So don't forget to apply!

Sports and Cultural Council

VALORANT

As harsh winter winds rampaged outside, the Sports Council of IIITD came up with fun events for students to enjoy in the comfort and warmth of their homes. Beginning the year in grand fashion, the Sports Council, in collaboration with Finnexia, organized "Venturous Valorant," a premier Valorant tournament with a delightful twist and places up for grabs in the institute team. Like Dream 11, individuals/teams were given a chance to bid on the players with virtual money. The event got an overwhelming response of 131. Students formed teams of 4, and along with their teammates, put on a terrific performance en route their path to glory.

SWISS CHESS TOURNAMENT

As the semester started for the senior batches, we came up with another exciting event in the Swiss Chess Tournament. The event was conducted on the Lichess platform in Blitz format, allowing players 3mins +0secs increment time control. In an epic display of skills and wits, 141 participants fought tooth and nail to make their place in the institute team. Each player played 11 matches as per the Swiss system. the 64 squares were emotionally charged up as they witnessed countless sacrifices, smart maneuvers, strategies, wins, and losses happening on their soil.

Recap: INDIA SOUTH AFRICA ODI SERIES FANTASY LEAGUE

The ODI leg of the South Africa - India Series was truly a cliffhanger and more so for our students as the Sports Council was back with another exciting contest for each of the 3 games in which students formed pairs and made a team of 7 players each. The fantasy contest was conducted on clash11, a mobile application created by one of our IIITD alums. The huge participation ensured that the tables kept turning and just like cricket, the winner could not be decided one ball before the last ball was bowled

THE EMPTY THRONE

On Jan 15, 2021, Virat Kohli stepped down from test captaincy, effectively bringing an end to one of the most successful eras of Indian cricket. He has left behind a well-oiled team that can churn out victories both home and away. His aggressive and in-your-face captaincy and drive for fitness have transformed India into one of the most feared and ruthless sides globally. He took on challenges for breakfast and produced results that people thought were impossible. Under him, the Indian team remained the number 1 test side globally for record 42 months from Oct 2016 to April 2020. With 40 test wins from 68 matches, Kohli will go down as one of the most successful test captains ever.

His successor's selection has put the team management and the selectors in a conundrum. When MS Dhoni stepped down, the transition to captain Kohli went smoothly. The present situation, unfortunately, is not the same. The shift seems to be unnatural and forced. The question is like a bonus assignment in a relatively graded course—one which you don't want to attempt but can't be left simultaneously.

The new white-ball captain, Rohit Sharma, will be the top choice of many, but his fitness and workload management are a huge concern with 2022 T20 WC and 2023 ODI WC in hindsight. Ajinkya Rahane and Ravichandran Ashwin are other good candidates for the test captaincy, given their seniority, tactical nous, and performance over the years. KL Rahul and Rishabh Pant are ones for the future. Nevertheless, given BCCI's recent misadventures, it won't be surprising to see them take a gamble. BCCI has a month-long time to find the solution and the fans to acclimatize themselves to the fact that no matter what, Kohli won't be captain for his 100th test match.

Therefore it becomes more necessary than ever to celebrate the greatness of Virat Kohli. He was chosen as the ICC Test Cricketer for the year 2018. He was also selected as the Captain of ICC Test Teams for three consecutive years, 2017-19, and the Captain of the ICC ODI teams for four straight years, 2016-2019. He was the only male cricketer to feature in all the three-decade teams for 2011-2020 and was also chosen as captain of the decade test team. Additionally, he was named the ICC Male Cricketer and ODI Male cricketer of the decade for his whooping returns with the bat and contribution to the game as captain of his side.

He has accumulated 23474 runs from 451 matches at a phenomenal average of 54.83 with 70 centuries and 121 fifties. Along with Ricky Ponting, he has scored 41 centuries, the joint-most as captain. With a winning percentage of 63.38 in 213 matches across formats as captain, Virat will go down in the annals of cricket history as one of the best captains and batters to have played the game.

If Virat, the Captain, was inspirational, purpose-driven, and passionate, Virat, the batsman, has been breathtaking. Down the line, when he will retire, Virat Kohli will be fondly remembered as the lion that roared till his last breath. The king with an empire, so vast and a throne set so high that it shall ever remain his. That day whenever it shall come, I will wander back to my memory of Feb 19, 2011, when a chubby teenager from Delhi scored a hundred on his world cup debut on his way to greatness. Till then, all we can do is doff our cap to one of the greatest of all times.

- **Abhishek Goyal**
  (Sports Council)

CHAMPIONS OF IIITD

Event	Organized By	Winning Team/Player
Scratch it!	ACM	I Team Captsha II Team EzPatch III Team Golden Sight
How You Doin'	MicDrop	I Dishant Yadav II Aaditya Gupta III Sadhvi Bhan
Big Band Theory	Audiobytes	First – OldSloths – Kshitiz Bakshi – Nishant Jain Second – Drum-Sticks – Karan Baboota – Ishaan Marwah, – Subhanshu Bansal – Hari P Nambiar Third – The Transitionalists – Ashwin Ram Natarjan – Katyayani Singh – Yash Agarwal – Atharva Mehta

Event	Organized By	Winning Team/Player
ZPC 20	Évariste	I Sanyam Goyal II Raunak Thakur III Ramanjeet Singh
Fresher's Debate	LDA	I Milind Jain II Shivam Dwivedi III Vishnu Mothukuri
Venturous Valorant	Finnexia	I Akshmit, Manasva II Ayush III Yash, Kunal
Venturous Valorant	Sports Council	First – LKCxKalana Abhinn Yadav, Kushilov Jangu, Utkarsh Pal, Vaidik Kumar, and Dhruv Mishra Second – Thot Petrol Delta Ajay, Yashraj, Sitaram, Ritik and Kunal Third – Butternaan Harsh Bhardwaj, Manan Chugh, Shashank Chaurasia, Navnoor Singh, Ankit
Swiss Chess Tournament	Sports Council	I Vishesh Aggarwal II Tanmay Garg

INDUCTION EVENT CHAMPIONS

Event	Organized By	Winning Team/Player
Mock Stock	Finnexia	I Stocky II Big Bull finance III Bhavya Gupta
Quiz	Astronuts	I Shrabani II Divyansh Mishra III Naman Aggarwal Manas Narang (Tie)
Who did it better?	MicDrop	I Amil Bhagat II Raj Choudhary III Chaitanya Dua
General Quiz	Trivialis	I Aarav Balachandran II Alhad Sethi III Udbhav Varma
Photography Event	Tasveer	I Parth Ganjoo II Neelanjan Sarkar III Swastik Swaraj
Videography Event	Tasveer	I Ritwik Bamba

Event	Organized By	Winning Team/Player
Quiz	Evariste	I Raunak Thakur II Saksham Pandey III Vasan Vohra
Chess Tournament	The 65th Square	I Siddhant Rai Viksit II Pranav Aggarwal III Rajat Jaiswal IV Akshat V Nikhil Kumar
Session	Madtoes	Day 1 – Simran Choudhary, Raj Gupta Day 2 – Sridhar Sodhi, Saksham Kumar Day 3 – Yashila Arora
Session	Machaan	Day 1 : Ashutosh Gera, Avinash Barala, Devansh Goswami and Adish Jain Day 3 : Pavit Singh, Raj Pratap Singh, Mehul Arora, Ananya Goyal, Akshmit Dewan
Session	Biobytes	I Tanuj Kamboj II Aashish Chauhan & Shyama Goel III Dharani Kumar

Event	Organized By	Winning Team/Player
Session	WiT	I Anubhav Patel II Dharani Kumar S III Maanas Gaur
Session	Salt n Pepper and Enactus	First Team: Fused Bulb – Neelanjan Sarkar – Sameer Budhiraja Second Team: Sarvajeeth – Sarvajeeth U K Third Team: Solution Seekers – Utkarsh Venaik – Garv Makkar – Shyama Goel – Arbaaz Choudhari
Open Mic	LDA	Daksh Sammi Adya Rana Ieshaan Awasthy

The Rise and Fall of Theranos

This week, Elizabeth Holmes, the founder of Theranos was found guilty on 4 counts of fraud in the US court. How did a big-shot Silicon Valley startup founder end up here?

Elizabeth Holmes spearheading Theranos had promised that her brainchild would revolutionize blood testing for the generations to come. Once glistening, these claims crashed and burned this week.

The Backstory

Theranos's business thesis promised real-time bloodwork analysis. Tests that are generally time-taking and expensive could now be made quick and affordable. That's what Theranos promised. The idea was to check for indicators of cancer, cholesterol, diabetes, and a wide host of other conditions, all in a matter of minutes, while also being affordable. With this grandiose pledge, Stanford University dropout and a powerhouse, Elizabeth Holmes erected a company worth $9 billion over the last decade. Being still in her 20s, she was also included as one of the youngest female self-made billionaires.

The steps that led up to here

But a business doesn't succeed in a day and a startup certainly doesn't. So, how did we get here? Elizabeth had a way with words, her vision reverberated with all the right people. Holmes claimed that this revolution in medicine and blood tests could save lives! It sounded truly disruptive, something everyone in the startup world is on the lookout for. And it sounded like the right opportunity for them. The top two individual diagnostic labs in the US bring in a massive $75 billion in earnings annually. So the opportunity was huge. The only missing element was the critical execution of this dream idea.

To achieve this, Theranos partnered with the drugstore chain Walgreens. In collaboration, they set up wellness centers across thousands of US stores. This truly seemed to change the US landscape for wellness and health. At these centers, people simply had to provide their doctor's prescription and their insurance ID and have a quick cholesterol test for less than $3. The competitors still had to charge $50 for a typical lab test.

With such positive buzz around Theranos and the powerful aura created by Elizabeth, investors like Tim Draper, Rupert Murdoch, even National Security Advisor, Henry Kissinger, and the reputed Stanford professor, William Perry flocked to the startup. Soon, Theranos had raised over $900 million.

The Beginning of the End

Everything was perfect until news began to trickle claiming otherwise. In 2015, whistleblowers emerged, former employees reported that Theranos did not work nearly as well as it claimed. The company's shady practices began seeing light. It was reported that Theranos' posterchild device, Edison wasn't accurate. Whistleblowers revealed that Theranos used Siemens and other competitors' devices to conduct a majority of its tests and infrequently used its own personal technology. These dubious claims about Theranos's products, fake demonstrations, misleading guests while raking in massive investments, all amounted to serious cases of fraud.

The Elephant in the Room: How did no one notice?

Smart and seasoned investors, industry insiders, all of them dealt intimately with Theranos. So, how did no one stop this debacle? Can it all simply be chalked up to Holmes' persuasion or were there other reasons? The biggest speculated reason is simply the FOMO that has become commonplace owing to the rapidly changing and evolving startup space. People who invest at the right time in the right projects make manifolds of their investments, so the stakes have gotten very high.

A Deeper Look at the fissures of Theranos

In 2014, Dan Mosley, a reputed lawyer, and broker for highly wealthy families, was keen to get in on the big talk of the town, Theranos. He asked the entrepreneur Elizabeth Holmes for the audited financial statements of Theranos, her young blood-testing start-up. Theranos never produced any, but Mr. Mosley still invested a whopping $6 million into the company. He even wrote Ms. Holmes a personal thank-you note for the opportunity.

In another baffling incident, Lisa Peterson who handled investments for the wealthy DeVos family later revealed that she was worried that greater scrutiny into Theranos's dealings would irk Elizabeth Holmes and result in Ms. Peterson getting cut out of the deal.

The Takeaway

In this case, it appears that even seasoned investors abandoned all caution to jump aboard the seemingly next big startup of Silicon Valley. They perhaps got too carried away with the glitz and glamour of Theranos' promised utopia and Elizabeth's brazen front. This incident has certainly made Theranos an infamous epitome for lack of caution in the modern start-up world.

- Karishma Sinha
(Finnexia)

Why are you Receiving Notifications about Updating Credit Card Details

Many people have been getting notifications from apps like Swiggy, Uber, etc., saying that their card details stored across online portals will automatically be deleted by 1 January 2022.

But why are they getting such notifications?
Back in March 2020, the RBI wanted to beef up security. So to prevent card theft and online fraud, the Reserve Bank of India asked all merchant websites to delete sensitive card details saved on their platforms by 31 December 2021.

So we will have to fill in all the details again and again?
No. Instead, one will have the option to tokenize their card. So if you rely on a debit card for all transactions across Zomato and Swiggy, for instance, you'll get one token for Swiggy and another token for Zomato. Also, the merchant won't ever know the actual card number. It's called card-on-file-tokenization (CoFT).
So now, the merchant will first ask you to enter your card details and check if you want to tokenize your card. The merchant will forward the details to your card network like Visa if you opt to do so. The network then creates a unique token for your card, and you can save the card on the website thanks to this identifier. After that, everything will be just like it used to be. To complete the transaction, one will have to input the CVV, the OTP.

Seems simple and useful, right? But there are some concerns like...
The Alliance of Digital India Foundation (ADIF), formed by companies like Bharat Matrimony and Paytm, believes that merchants could lose anywhere between 20-40% of revenues if banks and card networks aren't fully prepared for tokenization.
And the IT body Nasscom has pointed out another issue. Merchants need the card's first few digits to identify the card network, the card issuer, and the card type. This is how they process EMIs and refunds. If they can't store data anymore, it could take longer to process these things. So we will have to wait to see how things work out in the tokenization era.

- **Rahul Jaiswal**
(Finnexia)

The LIBOR Saga

The LIBOR saga is finally coming to a rather grim end. Estimates predict that more than 300 TRILLION DOLLARS worth of financial instruments are currently benchmarked using LIBOR.
However, the once ubiquitous LIBOR has started being phased out as of December 2021 and would only be used for legacy loans.In the not so distant past, it was fairly common for banks to charge rates based on LIBOR values.

LIBOR is an acronym for London Interbank Offered rate and is a measure of the rate at which large London banks can secure funding in a host of currencies from other banks.

For the USD Libor, eighteen large and secure London based banks are asked by the Intercontinental Exchange to come up with the rate that they believe at which they can secure unsecured funding from other banks. The top and bottom 4 values are removed and the mean of the remaining 10 values is the LIBOR rate for the day.

So what is the fuss about? Why is this seemingly innocuous rate being phased out? Especially when a plethora of financial instruments utilise it on a daily basis.Well, the devil lies in the details, more specifically in the method by which LIBOR is calculated.
In the aftermath of the 2007-08 financial crisis, several banks colluded with each other to post unbelievably high or low LIBOR rates to suit their needs,compromising the integrity of trillions of financial instruments.
The LIBOR scandal led to several lawsuits, imprisonments and fines and LIBOR was tainted forever.

It was therefore pivotal to replace LIBOR, but how does one go about replacing such an omnipresent interest rate? The answer is … complicated- Countries have started replacing LIBOR with their own interest rates like SONIA(Sterling Overnight Interbank Average Rate) for GBP which is calculated by the Bank of England based on actual rates that banks are able to borrow funds at. The highest and lowest 25% of the rates are dropped and the remaining quartiles are averaged to obtain SONIA.

A candidate to replace LIBOR for all currencies is SOFR or the Secured Overnight Financing Rate which is based on overnight repo rates in the treasury market. SOFR utilises actual interest rates in the repo market rather than estimates in the case of LIBOR. SOFR has received overwhelming support but it remains to be seen whether it can become as ubiquitous as LIBOR once was.

- **Devansh Joshi**
(Finnexia)

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