

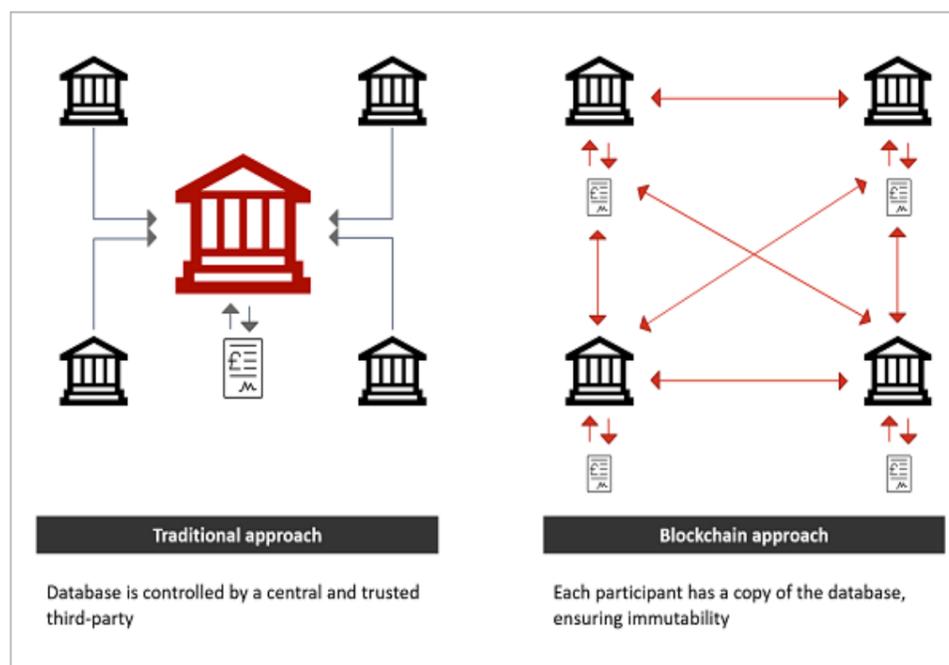
## Digital Rupee, Future or Fraud?

Since the beginning of civilization, money has been the core functioning of the world economy. It can be a medium of exchange, a store of value, or a unit of account. Money has changed multiple faces - from bartering to coins, and then paper-based cash to electronic money, in recent times. But cross-border and domestic payment methods can often be both complex and expensive for the inefficiencies in monitoring money in a financial system. To tackle this, the central government is working to introduce a legal tender in the digital form issued by the Reserve bank of India (RBI), a central bank digital currency (CBDC). A CBDC is a virtual form of currency and a digital record of the official currency of a particular region that is issued and regulated by its monetary authority, the central bank. While there are a variety of underlying technologies, most countries have settled for blockchain technology. A blockchain is a distributed ledger technology (DLT) protocol that simplifies the inefficiencies faced in

fiat currencies and enables the secure functioning of transactions in a decentralised manner. It is a virtual

adaptation of cryptocurrencies. After embracing the technology in some other areas, RBI is now planning for

the backing of the RBI. One of the most important focuses of the centralised digital currency will be towards expansion in the scope of mass financial inclusion. Even today, some regions in India are unable to access financial services due to many restrictions. In such cases, the digital rupee could ensure easy access to a financial system with low costs and better efficiency of payment systems like online and peer-to-peer (P2P). The move towards a faster, cheaper, cashless cross-border and domestic payment system is only a matter of time. Cashless societies anticipate a complete elimination of depending on notes and coins for transactions. As ATM cash withdrawals declines and people gradually adapts to digital transactions, a central bank digital currency will present a favourable alternative.



block which is recording all information about transactions that are happening around the network. In some ways, CBDCs owes its origin to the

trials of its own CBDC, the digital rupee that can begin by the end of 2021. The digital rupee is more than just a new digital version of the rupee with

- Devopratin Bera, UG Media.

### Are Central Agencies Used by Ruling Party for their Political Vendetta?

In recent times, the All India Trinamool Congress has purported the BJP led Central government for misusing the Central agencies like CBI and ED to serve their political vendetta against the party. The underlying reason for the same is the bitter relations between both the parties. Bharatiya Janata Party has faced a massive defeat in the 2021 Bengal poll elections.



The TMC government has secured a whopping 213 seats for itself while the main opposition, BJP has underperformed securing only 77 seats. The BJP government accuses AITC for the post election violence for which a case has been registered and the CBI is responsible for the probe. Apart from this, the Enforcement Directorate (ED) is running an inquest into the Coal Scam Case which involved crores of money. Both the incidents raise an underlying ques-

tion whether the Central agencies are being used up by the ruling party for their political vendetta against other parties. The ruling party have been accused of exploiting the Central agencies for its use. In recent times, TMC had again accused the BJP government of using the CBI and ED. The ED had summoned Abhishek Banerjee and his wife Rujira Banerjee regarding the coal scam case. Abhishek Banerjee was summoned on this issue few times. TMC ministers accused the BJP government of heckling TMC leaders for its own political vendetta. Abhishek Banerjee has challenged the BJP to prove his involvement in the money laundering case, post which he promises to hang himself publicly if they draw out evidences of him taking even a rupee in the coal scam case. While corruption has been overpowering a country like India since ages, people are still hopeful of a better government which will restrain itself or other parties from manipulating and exploiting the Central agencies. The hope of justice, the hope of democracy, the hope of proper governance still rekindles in our minds ahead of the 2024 elections.

- Anushka Sengupta, UG Media

### Are Schools and Colleges Ready for Offline Education?

The Chief Minister of West Bengal, Mamata Banerjee has announced that the school and colleges will reopen from 16th November within the state. With a majority of India's children having lost a year and a half of learning, the advantages of opening schools with precaution will far outweigh the danger. If there are no restrictions against the kids out to restaurants and malls then the why they are not allowed in schools. Experts means that prime seropostivity among children shows that the lockdowns and faculty closures did not protect children from getting infected. Further, studies have shown that the risk of infection from children to adults is low. The parents and the teachers of school and the kids feel they are missing out the benefits of physical classes and interactions whereas the college students especially those studying subjects that involve field work feel their careers are at hold. Students of various universities such as Jadavpur and Presidency are attending classes on the streets as protest against the prolong termination of the colleges. This system of online education has hampered all over development of both school and colleges goers. The students are developing lack

of communicational skills. Prevention of cheating the online assessments is difficult. The results or degree of such assessments have no value. Students are facing numerous problems in getting a job or admission for further study in near future.



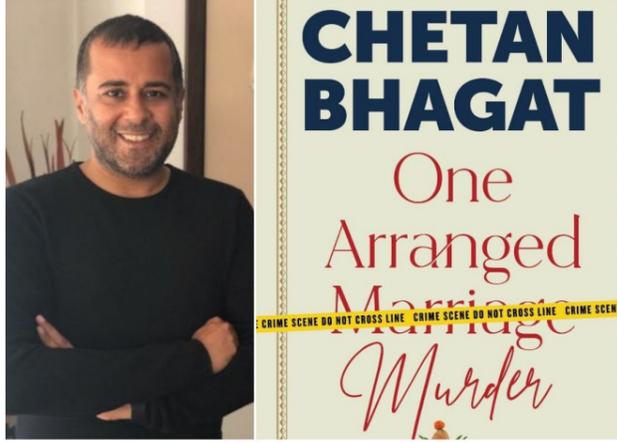
An analysis of varied studies shows that there have been limited Covid-19 transmissions in schools if precautions are taken. The schools must be opened and proper measured must be taken such as wearing masks, ensuring ventilation in classrooms and avoiding overcrowding were followed. Students should be shuffled in order to ensure safety and health protocols. All the colleges must arrange vaccination for their teachers, staffs and their students and must be reopened.

- Debanwita Basu, UG Media.

## Book Review- One Arranged Murder

Chetan Bhagat is someone who has been one of my favorite writers since I was kid. My first novel which I read in Class 7th was one of his novels "Five Point Someone" and after reading his novel, the desire of reading novels arose in me. I am a crazy fan of Chetan Bhagat so may I be a little bit biased in reviewing this, but this fiction will not disappoint you. Written in Chetan Bhagat's unique style, the quick paced action and excitement of knowing what will happen next keeps the readers on their toes while new revelations come out and the needle of mistrust swings faster than a pendulum. I am starting from briefing about the story without spoiling any suspense, the story revolves around Keshav (the storyteller) and his best friend Saurabh. Saurabh is engaged to Prerna in an arranged marriage. During the courtship period, fondness of their love increased and they seem to be head over heels in love. Prerna decides to keep a fast for Saurabh on the day of Karva Chauth and in the evening, she comes to the terrace to see the moon and breaks her

fast. She heartily waits for Saurabh who is on his way to her house and has kept the back door open for him so as to avoid any embarrassment for do-



ing all this before marriage. Upon reaching Prerna's house, Saurabh runs up the stairs to see Prerna, hardly able to control his excitement and emotions because he had waited for this day for so long. As soon as he reaches the terrace, he finds her dupat-

ta lying on the ground but Prerna is nowhere to be seen. On looking down from the terrace, he finds a some gathering in front of the gate. Everyone in the house got to know that Prerna had died, due to falling from the terrace. After some basic police enquiries, the police closed the case saying it was a simple accident. But on the other hand, Saurabh and Keshav decided to find the truth and collected such evidences which compelled the Delhi police to reopen the case. There are many suspects in Prerna's family but they need to find one solid evidence to come to any conclusion. The main question arises is that will Saurabh and Keshav be able to find out what happened to Prerna that night. I bet by reading this you will not be bored even for a moment. Chetan Bhagat has really built up the characters in the book very expertly. Thankfully this isn't any typical Bollywood movie showing a story but it also has an Indian touch which makes it really convenient to read till the end.

- Shreyeshi Shri, UG Media.

## Big to Small Screen Transformation



Since December 2019, when Corona had hit the world, many things are not in the place since of one's health and economic conditions, the content that everyone preferred to watch on television also changed. As whole world went on a lockdown,

the entertainment industry too was shut down but at the same time it boomed to through its OTT platforms. People at homes were devastated and just tired of watching Covid19 related news and repeat telecast of same shows. As a result switched to online, which not only changed their platform of viewing but also the content they use to prefer. As it is not a big reveal that the online content is more mature, not just in reference to the provocative sensual scenes but in matter of thinking and it's basically made keeping in mind

of youths. But everything changed, the generation that is between online binge watchers and the television shows lover, loved to binge watch shows and movies on platforms like Netflix, Hotstar, Amazon Prime to name a few. Now as not only youths but older generation too wait for new arrivals on OTT platforms as when big screens were shut down, small screen of their phones and laptops entertained them with refreshing contents. And there is also an advantage that with the help of subtitles there is no more language barrier that stops one to

watch anything of different language. Everyone who used to love to go to theaters to watch movies had to watch it on their phones or laptops. But as the theaters were shut down the movies started getting released on OTT platforms, has both pros and cons. As the movies which if released in theater would have become a hit number, due to its main lead fan following was a total flop on OTT platforms and the movie which released in theaters might have failed was a huge success.

- Komal Saraf, UG Media.

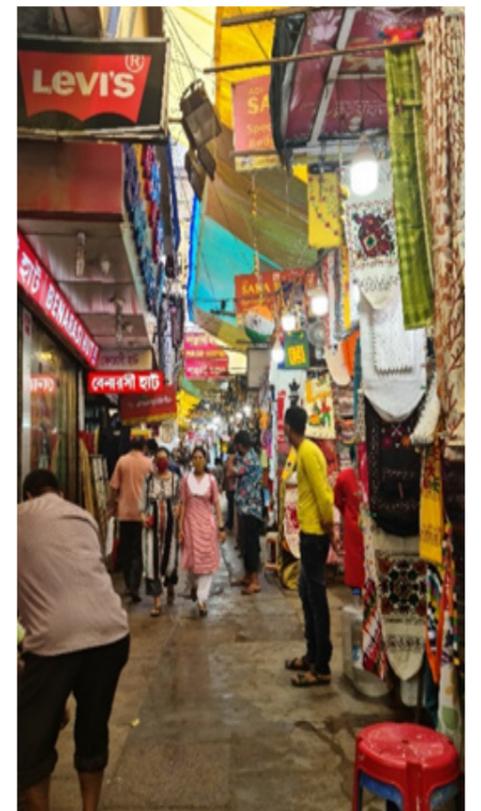
## সব উৎসব কি খুশির হয়!

ঝলমলে রোদ, ভেসে ভেসে বেড়ানো পেঁজা তুলোর মতো মেঘ, শ্বেতশুভ্র কাশফুলের মেলা - জানান দেয় নব রূপে দেবী দুর্গার আগমনী বেলা। মহালায় থেকে শুরু হয়ে যায় চলতি বছরের শেষ পর্যন্ত উৎসবের নানান সমাহার। তবে আনন্দ উৎসবের চিত্রটা একেবারে পাল্টে গিয়েছে গতবছর থেকে। বিশ্ব জুড়ে অতিমারি চলছে কি-না! তার জেরে ক্রমাগত ধাক্কা খেয়ে চলেছে সর্বস্তরের ব্যবসায়ীরা। ক্রেতার পথ চেয়ে হতাশায় দিন কাটাচ্ছে বহু বিক্রেতা। "কোনো রকমভাবে চালাচ্ছি, পুজোর মরশুম তো শুরু, তবে বিক্রিটা হচ্ছে না তেমন। যদিও মানুষজন আসছে ভিড় করে, কিনছে হয়তো একজন। এভাবে আর কত দিন চলবে কে জানে" বললেন গড়িয়াহাটের ফেরিওয়াল রাহুল দে। বংশ পরম্পরায় রাস্তার পাশে হকারি করেই স্বাচ্ছন্দ্য সংসার চালাচ্ছেন অগুনতি ফেরিওয়াল। "দীর্ঘ পঁয়ত্রিশ বছর হয়ে গেল ফেরি করছি এই গড়িয়াহাট চত্বরে। লকডাউনে অসুবিধা তো অনেক হয়েছে দোকান খুলতে পারিনি, ছেলের চাকরিটা ছিলো বলে খেয়ে পড়ে বেঁচে আছি" বললো বাঘড়ি বছরের বৃদ্ধ পিতা বরুণ বাবু। বছরের ৩৫৬ দিনে আশার আলো নিয়ে আসে উৎসবের এই দিনগুলো। দুবেলা দুমুঠো খেয়ে বাঁচার তাগিদে রোদ, জল- বৃষ্টি মাথায় নিয়ে খরিদারের অপেক্ষা করেন ছোট্ট গুমটিগুলোকে সম্বল করে। উত্তর কলকাতার

এক ব্যবসায়ী মানস ভুঁইয়ার কথায় " বিগত দশ বছর ধরে হকারি করছি, কখনও এত খারাপ অবস্থা হয়নি, যা এখন দেখতে হচ্ছে। ট্রেন-বাস যখন চলত না, তখন পায়ে হেঁটে এসেছি বাঘাঘাতী থেকে হাতিবাগান, কখনও বা কোনো বন্ধুর বাইকে চেপে"। সালটা ছিল ২০১৯ যখন দুর্গা পূজো মানে একরাশ সখ আহ্লাদ। পুজোর পাঁচ দিন কি জামাকাপের পড়া হবে, কার সঙ্গে কি ম্যাচিং করে পড়লে মানাবে, এসব নিয়ে স্বল্প বয়সি থেকে শুরু করে কাকিমা জ্যাঠিমাদের মধ্যে ছোট্ট করে গোলবৈঠক বসে যেত। শুধু তাই নয়, কাকে কি অপহার করা হবে সেসব নিয়েও হুলস্থূল পরে যেত। গড়িয়াহাটের মোড় হতে শহরের আনাচ কানাচে পোশাকি দোকানে উপচে পড়া ভীড় বলে দিত এটা পার্বণ-এর মাস। একেবারে বলা যায় গোটা কলকাতা খুশির আঙিনায় তাল মেলাতো। পুরোটা এই এখন ইতিহাস বলে মনে হচ্ছে আতিমারির উচ্চচাপে। মধ্যবিত্ত পরিবারের ভর পেট খাওয়া যেখানে দুষ্কর সেখানে আবার পুজোর আমেজ কিসের! "একে করোনার প্রকোপ, তার উপর বিভিন্ন প্রকার অনলাইন শপিং অ্যাপের ভিড়ে, ছোট্ট দোকানটাই আমার একমাত্র পেট চালানোর সঙ্গী" বললেন "একে করোনার প্রকোপ, তার উপর বিভিন্ন প্রকার অনলাইন শপিং অ্যাপের ভিড়ে, ছোট্ট দোকানটাই আমার একমাত্র পেট চালানোর সঙ্গী" বললেন বেহালার সৌমিত্র

দেব। "মানুষ এখন উন্নত মানের সারসরঞ্জাম কে আপন করে নিচ্ছে, ঘরে বসে আরামে সব যখন পাওয়া যাচ্ছে একটা ক্লিক করলেই তাই কেউ আর দোকানে আসছে না, বাধ্য হয়ে লাভের মুখ দেখতে অনলাইন ব্যবসা করছি" এমন করেই সংসার চালাচ্ছেন হাতিবাগান মার্কেটের ইমিটেশন গহনা বিক্রেতা রিনা রায়। "কারোর পৌষ মাস তো কারোর সর্বনাশ" কোভিড বিধি নিষেধ মেনে চলতে তথাগতিত বাজারে যাওয়া, দামদর করে কেনাকাটা করা ছেলে মানুষজন এখন নামীদামী সংস্থার নিজেস্ব অনলাইন শপিং অ্যাপে পারি দিয়েছে ফলস্বরূপ হকারি করে দিন চালানো নিম্নবিত্তের বেচাকেনায় ভাটা পড়ছে। ক্রেতা মহুয়া মণ্ডল বললেন " দীর্ঘ দিন বাড়িতে কাটিয়ে আর পারলাম তাই দ্বিতীয় টিকা পেতেই বেরিয়ে পড়লাম পুজোর শপিং করতে, গতবছর ইন্টারনেটের মাধ্যমেই কেনাকাটা করেছি তবে এবার টা যেন গারিহাটে চু না মারলে পুজো পুজো ব্যাপারটা আসছিল না। " কোচবিহারের বাসিন্দা অনামিকা জানার কথায় "কলকাতাতে আমার বাড়ি এসেছি দাদু দিদাকে দেখতে সেই সূত্রই বোনের সঙ্গে এসপ্লানেডে শপিং করতে আসা, প্রথমবার ভিড় দেখে ভালো লাগছে, লোকজন যে বেরোচ্ছে উৎসবের কথা মাথায় রেখে এখানে না আসলে হয়ত জানতে পারতাম না"। প্রশাসনিক নির্দেশ মেনে রাত দশটায় দোকানের ঝাঁপ ফেলার আগে বলেন বড়বাজারের সুধীর

আগরওয়াল" ব্যবসার আয়ের গ্রাফটা কবে আবার উর্ধ্বগামী হবে সেই নিয়ে দুশ্চিন্তায় ঠিকঠাকমতো ঘুম হয় না, উৎসব কবে আবার খুশির জোয়ার আনবে অপেক্ষায় আছি।"



- পূর্বা রায়, UG Media.

## Esports: A New Sporting Concept of India



Esports is a new culture in India. It is not just competitive gaming but indeed, an ecosystem. With the word esports, people in India are only aware of the competitive side of it, although it has much more to offer. Esports has also effectively dominated the Indian market due to extensive marketing and advertising on different internet streaming platforms such as YouTube and Loco. Loco, an Indian Streaming platform is also a reason Indian Esports is growing as Loco sponsors most of the young gaming talents of India and the new

gaming organizations. In India, esports has gained popularity very late because earlier there were no such big tournaments or big organizations. Earlier there were no Big Lan event happening and also very few brands were there to support. As of now, there are many big organizations such as Fnatic, Tsm, etc. which is a big part of esports. Also, we have Sky sports, Nod win gaming which organizes big tournaments for all the esports gamers in India. In recent times, Riot, an International Game developer company has come to India, which shows the growth of Indian esports overall. Riot also announced a big qualifier tournament named as Valorant Conqueror Championship (VCC India), where gaming teams all around South Asia region will play to Qualify for APAC, an international Lan valorant event to be held in London. By winning VCC Global esports, an Indian Organization has made history! They will be the first team ever from India to represent India at a Global stage. Taking about big tournaments, how can one forget BGMI, previously known as PUBG MOBILE INDIA, which has stepped back after the ban in India with a new name BGMI (Battle grounds mobile India). The game which has given Indian esports an identity globally, as before the ban last year, an Indian organization named as ORANGE Esports was the runner up of PUBG MOBILE INDIA WORLD league. Krafton, the Developer of BGMI, with the comeback in India has announced a 1 crore INR price pool for the upcoming tournament of BGMI known as BGIS (BATTLE GROUND INDIA SERIES). With such big investments from game developer brands, we see the growth of Esports in India!

- Avishkar Dubey, UG Media.

## India's ICC T20 WC Title Drought Continues

After losing a high voltage match against arch-rivals Pakistan, Indians continued their poor start of the T20 WC campaign after receiving another heavy defeat against New Zealand by eight wickets. These are their second loss on the trot, and now qualification for the semi-finals looks iffy. After a defeat against Pakistan, India made two changes against Kiwis, they included Ishan Kishan and Shardul Thakur in place of injured Surya Kumar Yadav and out of form Bhuvneshwar Kumar. After being put in to bat by the Blackcaps skipper, India could only manage to put 110 runs in 20 overs. In reply, New Zealand chased down the target of 111 with 33 balls to spare opener Daryl Mitchell was the top-scorer for New Zealand with 49 off 35 balls, while skipper Williamson made an unbeaten 33. This Indian team has been seen under pressure when it comes to ICC tournaments and, Sunday's defeat against New Zealand has nearly ended India's chance to win the T20 World Cup. This was a nervy and tentative batting performance shown by India in a must-win contest. Kohli's men faced difficulties facing pacers and found it difficult to hit spinners after their big hitters found the fielders whenever they tried to clear the boundaries. These were just the replica of what Indian batters did against Pakistan seamers. Also, India's experiment at the top of the batting order

went completely wrong as they pushed Rohit Sharma at No.3 and allowed Ishan Kishan to open with KL Rahul and, he only managed to score 4 runs. New Zealand was in control throughout the match, and every decision taken by Williamson went their way. Before playing in T20 WC, Indian players spent a month in UAE to play IPL, and this one month should be enough for them to get used to these



conditions, but the experienced Indian batting line-up did not get the momentum which they would have wanted and unofficially that might have cost another T20 WC for India. In the bowling department, India has only picked up two wickets till now in this T20 WC and both the

wickets are taken by Jasprit Bumrah. Where are the wicket-takers to back up Bumrah? Not going with the experience of Ravi Ashwin might have cost India, as they went with inexperience Varun Chakravarthy who didn't pick up any wickets for India in the T20 WC. Bubble life is tough and Indian players have been in bio-bubble from July 4th week and continuing, sometimes that affect the performance as well. "You need a break from bubbles. But that's how things are. There's a pandemic going on. But it gets tough in bubbles. If you have to do the same thing over and over again. Having said that, the BCCI has taken good care of us." Bumrah stated after a defeat against New Zealand. That might be one of the reasons why India has performed so poorly. There is only one chance India can qualify for the semis that, they have to win all their remaining games and also wish that New Zealand lost their game against one of the minnows. But, more or less it's unlikely to happen because none between Afghanistan, Scotland and Namibia have the potential to win against New Zealand. Indian fans can only hope at the moment and want Men In Blue to finish this T20 on a high note.

- Shubham Dalmia, UG Media.

## Top Five Offbeat Online Games of the Year

The popularity of online games is endless, and there are several genres to choose from. Gaming consoles such as Nintendo gaming devices, PlayStations, Xboxes, and PCs, which we used to play at home, are the most common way to play games. In this piece we'll look at the top five offbeat online games in 2021 that'll enhance your creative thinking ability.

**1. Division 2-** Division 2 is an online multiplayer action role-playing game created by Massive Entertainment and released by Ubisoft. It is set in Washington, D.C. The game's plot is very diverse, and the player experiences a civil war between survivors and villainous marauders.  
**2. Final Fantasy XIV-** Final Fantasy XIV

is a multiplayer role-playing game. Square Enix developed and published the game. The game was launched all around the world.  
**3. DOTA 2-** DOTA 2 has a sports history, with international teams playing in various events and clubs competing all over the world. Valve Corporation created the game, which has 5 million active players since its inception in 2015.  
**4. Hearthstone-** HearthStone is an online digital collectible card game developed by Blizzard Entertainment as a test project, but it has since grown into a popular game. Hearthstone is a two-player turn-based card game with customized decks of 30 cards and a selected hero with a special ability.

**5. Minecraft-** Mojang developed and released the single best-selling video game of all time. It's a 3-D sandbox



game with no defined objectives to achieve, giving players unlimited freedom to do anything they wish. It has both a first-person and a third-person viewpoint.

- Rwiti Mukherjee, PG Media.

## Evolution of Animation: From Shadow Puppet to Motion Graphics



J.S. Blackton dubbed the “Father of American Animation,” created the first-ever animated picture, “Humorous Phase of Funny Faces,” in 1906, employing the Stop Motion Animation technique. Countries such as Japan, China, Argentina, England, and India began experimenting with this new art form and attempted to produce films. Every experiment they conducted enhanced its ability to convey a tale more effectively, and it is now one of the most popular forms of entertainment in the twenty-first century. The first hints of animation in India appeared in the shape of SHADOW PUPPET around the turn of the twentieth century. This type contained a tale that discussed Indian mythology and traditional culture. The form contained stylized leather puppets that were affixed to the sides of the screen

in an overlapping pattern. The puppets were held in place in the middle by a palm stem that was stretched to form a grip that puppeteers used to move the puppet’s body. Detachable sticks with a little bit of thread and a peg at the end were used to move the arms of the puppets. Puppeteers usually control the puppets using all three sticks of a single puppet, holding the base handle stick in one hand and the two arm-control sticks in the other. The puppeteers placed the puppets on the screen and then pulled them away, giving the impression that the figures appeared out of nowhere and then faded away. The figurines could also walk, swing, hop, and glide through the air. Every movement of the puppets’ arms and hands was actuated by the puppeteers, who flipped the puppets over to create a three-dimensional impression. The movement of the loosely swinging legs added to the sense of motion. Several puppets are fastened to the screen with date palm thorns when they are immobile on the screen at the same moment. Tholu Bommalata of Andhra Pradesh, Togalu Gombeyaata, leather puppets of Karnataka, and the Chhaya were quite famous at this period. The puppeteers controlled every movement of the puppets’ arms and

hands by flipping them over to create a three-dimensional impression. The impression of mobility was enhanced by the movement of the freely swinging legs. When several puppets are stationary on the screen at the same time, they are tied to the screen using date palm thorns. A puppet would be rapidly fastened to one or two of the lone, thin thorns pushed through the apertures in the headpiece of shoulder ornaments. At this time, Andhra Pradesh’s Tholu Bommalata, Karnataka’s Togalu Gombeyaata, and the Chhaya were all well-known. Veteran Dhundiraj Govind “Dadasaheb” Phalke is credited with pioneering animation in India. His first foray into animation was in 1912, when he experimented with stop motion animation called “The Growth of a Pea Plant.” He created this clip employing the time-lapse photography technique, which he used every day. He never released the film, but Dadasaheb Phalke attempted again in 1915 to create a stop motion animation called “Agkady mouj” (Match Stick) based on Emile Kohl’s work. Evidently, Clair Weeks’ visit to India’s Films Division was a pivotal milestone in Indian animation. He helped build the first animation studio in India and educated a

crew of Indian animators as a Disney artist who had worked on Disney hits such as Bambi and Snow White and the Seven Dwarves. They went on to develop The Banyan Deer, India’s first colorful animated film, in 1957. Clair Weeks’ visit to India’s Films Division was undoubtedly a turning point in Indian animation. As a Disney artist who worked on Disney successes like Bambi and Snow White and the Seven Dwarves, he helped create India’s first animation studio and taught a cadre of Indian animators. In 1957, they created The Banyan Deer, India’s first colored animated picture. Although The Banyan Deer (1957) is often regarded as India’s first animated picture, it has precursors. Jambu Kaka, a film produced by the Pune-based Prabhat Film Company, was released in Bombay on November 15, 1934. The paucity of film stock during World War II was a major influence in the growth of the Indian animation industry, as filmmakers turned to animation to express their tales. Even in its inception, animation was regarded as a wonderful tool for educating youngsters about the world around them.

- Rwiti Mukherjee, PG Media

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## ISRO Plans on Releasing Chandrayaan-2 Data

The Indian space agency on 14th. September said, it would start releasing science data from Chandrayaan-2 for global use in October. It was mentioned that all experiments carried out by Chandrayaan-2 orbiter, India’s second moon mission, went well with “outstanding capability to deliver on the pre-launch promises”. The GSLV rocket, mainly known as ‘Bahubali’ blasted off on July 22nd 2019 from the second launch pad at India’s rocket port in Sriharikota in Andhra Pradesh. Some sizeable data has been acquired from Chandrayaan-2 payloads and limitations are being extracted for the presence of water-ice in the polar regions, X-ray based and infrared multiphoton mineral information, and presence of Deuterium-40, a condensable gas on the Moon which gets released internally by the radio-active decay. The mission’s data which was recorded at the Indian Space Science Data Center (ISSDC) in Byalalu, near Bengaluru is prepared in the dynamic (globally followed planetary data system-4 PDS4) format for public use. The Science Data Archive of ISRO (ISDA) presently holds the data files obtained from Chandrayaan-2 2019 to February 2020 from seven instruments. The addition of the IIRS payload data files will be done shortly. Before sharing with the general public,



Chandrayaan-2 data is required to be peer-reviewed scientifically and technically before acceptance. Thus, the reviewing activity has been completed and hence the first set of data from the mission has now been released for the global use. However, the data which is released is the basic data – what ISRO calls level 0 and level 1 datasets, thus there is more to come in near future. ISRO’s US counterpart, NASA congratulated ISRO for the success of Chandrayaan-2 and said that it is looking forward to know what ISRO learns about the lunar south pole.

- Shubhonker Piyush, UG Media.