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## CURRENT AFFAIRS

- ◆ National Green Tribunal (NGT) recently directed to constitute a 'Fly Ash Management and Utilisation Mission' Highlights NGT passed this order by taking note of 'unscientific handling and storage' of fly ash by coal thermal power stations. For instance, it took note of draining of industrial effluents and fly ash in the Rihand Reservoir.
- ◆ ISRO is likely to launch "Aditya-L1 mission" to study the sun, in year 2022. Key Points The Aditya-L1 mission will be placed into a point called L1 Lagrange point. This mission will be ISRO's 2nd space-based astronomy mission after AstroSat. AstroSat was launched in 2015.
- ◆ The ocean waters are melting the glaciers in Greenland as much as the warm air is melting them from the above. The Ocean Melting Greenland mission, generally referred to as OMG mission was launched by NASA. It was a five year mission. It ended on December 31, 2021.
- ◆ The Government of India has appointed Anantha Nageswaran as the new Chief Economic Advisor. He is a former member of Prime Minister Economic Advisory Council. About Nageswaran Nageswaran has taught in B – schools in India and Singapore. He is a visiting professor at Kre University.

## CL Meets are Back!

-Faiz Farooqui



After one year of monotonously staring at screens, Team Retake of L. S. Raheja College decided and held a CL Meet on the 11th of December, 2021. The main agenda of this meet was to disclose the theme of Retake 2022 and to distribute the contingents their theme-based names. The meet was carried out in the auditorium of the college itself by following all the norms of Covid 19.

It was 12:40 pm when contingents started entering the auditorium. Everyone's faces glowing with happiness and they looked more excited than ever. The CL (Contingent Leaders) Meeting began promptly at 1:00 p.m. Ms. Kavita Makhija, the coordinator of the BAMMC department, opened the ceremony with some wise comments. It was about time to give this cool meet a touch of cozy vibe by making the contingents play games like flipping the bottle, opening the knots of a handkerchief, etc.

A short breather was given to the contingents to get refreshed. After that, more exciting games were played by the contingents. Those that did well in these games received additional PR points (activity points) in their budget, which they could use to bid for contingent names. The concept was revealed to the contingent commanders before this. One of the

most significant aspects of a festival is the theme reveal. A festival's subject is the foundation upon which everything is built, from contingents to events. "Maestro of Nemesis" is the theme for Retake 2022, in which we recognize the representation of Indian movie leads who turned from good to evil, from ally to nemesis. Our event heads explained the events shortly after the theme was revealed.

After our events were explained, the bidding for contingents began. To secure their contingents, contingents had to bid in an auction format. Contingents are organized around a theme (I.e. last year our theme was Virtual Grandstand based on content creators whereas our contingents were based on the creators of YouTube like Ashish Chanchlani, BB ki Vines, etc).

All good things must come to an end, and the CL Meet was no exception. The scene was amazing, with everyone in the room dancing to Mugwanti's music. The day came to a close with a cake-cutting ceremony. All of the procedures ran smoothly, along with our guests having fun. The CL Meet went down without a hitch, and it went down as one of Retake's best.

## Raising Girl's Marriage age From 18 to 21- A long-overdue decision or simply another hallow law

-Arushi Jhajharia

Last week, the union cabinet approved a proposal to raise and make the legal age of marriage for females the same as it is for boys, which is 21. Many hailed the judgment with a positive view to limit the problem of child marriage in India, which is a major cause of mortality in young girls during childbirth, however, others publicly attacked the decision, stating, "Is legislation enough to eliminate years of oppression?"

The decision is being hailed to empower women and combat the problem of child marriage. According to NFHS "(National Family Health Survey)" 2019-21 data, 23 percent of all weddings in India occur solely for child marriage. Child marriage is the reunion of two parties in whom at least one party is under the legal age to marry, which is generally eighteen. The majority of them are young girls, which later becomes a cause of their early death during childbirth, and it all stems from gender inequality.

If we see this decision from an overall perspective, it simply comes out to be a good one to fight the problem but the main question which arises is as we know for a fact that more than 23% of women in India were married before the age of 18, even though

the legal age was set to 18 years long back.

This indisputably demonstrates that law is more than simply a remedy to a huge problem; change occurs only when the community is informed and empowered. The major answers are education, awareness, and empowerment; what is required is ground-level effort to raise knowledge about why child marriages are undesirable from both a health and a societal standpoint. We must acknowledge that for the legislation to be successful, a societal transformation is required. When the community acknowledges that a woman can provide economic worth just as well as a man, she will no longer be considered as a burden that must be lifted as quickly as feasible. When this occurs, the marriage age will automatically rise. We can claim that this law is a good first step in combating the problem, but if nothing is done on the ground, it will just fall apart after a while. It is not as easy as it looks, as there are several points, perspectives, issues that needed to be addressed but just a law won't be enough and answer to all the years of oppression and inequality. As once said- *"THERE IS NO TOOL FOR DEVELOPMENT MORE EFFECTIVE THEN THE EMPOWERMENT OF WOMEN"*.



Optimum Utilization of Apple Airtags for stealing the car

-Darshit Tanna



PC: MacRumours

Even when technology has advanced to the point that even the tiniest object can be controlled with your fingers, there are still things that must be maintained and cared for by people. This covers things like remembering where you put your vehicle keys, taking care of your wallet and other valuables, and so on. To cope with the "boon" of people misplacing their possessions, tech behemoths began creating tags that individuals could glue or tie to their valuables so that if it became misplaced, the GPS incorporated in that tag would let you trace the thing. Doesn't that sound life-saving? It does, however, have significant downsides. According to reports, Apple Airtags have been discovered inside vehicles. They are being used by thieves to steal automobiles.

"Since September 2021, detectives have investigated five occurrences in

which individuals installed tiny monitoring devices on high-end automobiles in order to subsequently locate and steal them," according to the York Regional Police in Canada. "Brand-name 'air tags' are put in out-of-sight locations of target automobiles while they are parked in public venues such as malls or parking lots." The targeted automobiles are then tracked to the victim's home, where they are taken from the driveway. According to the authorities, "the airtags were buried in trailer hitches, bumpers, and other locations where people's eyes don't usually reach." Unfortunately, airtags are designed in such a manner that they are virtually invisible, which is a disadvantage for the general public and a benefit for criminals.

Apple recently upgraded the AirTag to shorten the amount of time one of the trackers would need to be away from its user before it began to alert folks who had been walking in close proximity to the gadget as a safeguard against the item being used to follow someone. The police have offered several precautions that individuals should take to keep their automobiles from being taken by these cunning crooks. People have been advised to park their vehicles in secure areas, install steering locks, and purchase a detector that can identify GPS-related things.

DID YOU KNOW?

The inventor of braille has an interesting story. At the age of 3, Louis Braille punctured his eye with an awl, or leather embosser, leading to a severe infection that eventually caused him to lose his vision in both eyes. Ironically, an awl is similar to the stylus, a tool used today to emboss braille by hand.

The braille typewriter is different from a typical typewriter. Braille's have six keys correlating to each of the six dots in the braille cell as well as a space key, an enter button, and a backspace.

World Braille Day

-Farzad Irani

Louis Braille was born on January 4th, 1809. This day has now been recognized as World Day Braille. The United Nations General Assembly established World Braille Day in 2019 to serve as the kick-off event for Braille Literacy Month, which runs throughout January. The event's major goal is to raise awareness on lesser-known causes such as literacy for the visually impaired and to educate them on how to use Braille.

Today, Braille has become quite advanced and has also become the easiest way for people with visual impairment to read and write. While braille is most frequently recognized as a reading medium for individuals who are blind, many individuals benefit from braille and the access it provides. This includes individuals with visual impairments, severe disabilities, and individuals with dual sensory loss. Braille technology continues to grow to this very day with recent variations like Nemeth Braille, Refreshable Braille display for computers, etc.

India is a country with over a thousand languages and Dialects, however, Braille with the 6 dot standard is a unique strength that can be easily adapted to a large number of languages to have their version of Braille. This has thus led to the mass adaption for Bharati Braille designed for several of the most widely spoken languages in the country for the visually impaired.

Of the World's 37 Million visually impaired people, about 15 million of them Live in India, thus creating the strong need for Braille literacy. However, according to several reports, the literacy rate for visually impaired people is only 4%. This thus makes a lot of people rely on an interpreter which can make them very dependent. Braille literacy can also help children to receive the same quality and quantity of education as their sighted peers.

Braille being widespread hasn't been adopted everywhere in India, many blind children cannot access the special schools which have such devices. An NGO, Braille without Borders is working to change that. They plan on taking a converted rickshaw through Kerala and bringing Braille education to the children. Their project is known as Jyothirgamaya, which means "from darkness to light". It helps in preparing blind children to get mainstream education. Many NGOs across the country have taken inspiration from this and have been taking an initiative.

World Braille Day is observed since 2019 to raise awareness of the importance of the Braille language as a means of communication in the full realization of the human rights for blind and partially sighted people.

QUOTE OF THE MONTH

"Our lives are stories in which we write, direct and star in the leading role. Some chapters are happy while others bring lessons to learn, but we always have the power to be the heroes of our own adventures."

- Joelle Speranza

Critics' Section

(based on IMDb's rating)

SERIES



Peaky Blinders  
8.8/10



Wheel of Time  
7.2/10

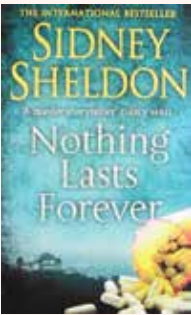


Black Mirror  
8.8/10

BOOKS

-Divyansh Narang  
and Darshit Tanna

Nothing lasts Forever



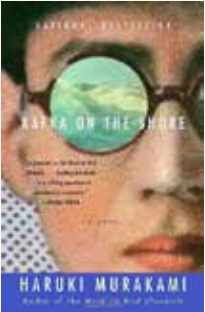
This book is a complete rollercoaster of emotions such as happiness, sadness, love, hatred, mercy, ruthlessness, etc. It is a dark murder mystery book, where 3 lady doctors, Dr. Paige, Dr. Honey and Dr. Hunter face drastic challenges during their medical carrier. To conclude, 'Nothing Lasts Forever' by Sidney Sheldon is a packet filled with all the necessary ingredients for fulfilling your tummy.

The Miniaturist

The miniaturist is an exhilarating and relaxing read that surely would take you on cloud nine in some chapters of it. Set in the 15th century Amsterdam, the book started very slow and the plot did seem to have some loose ends but when in the mood of a light read, miniaturist is a good option.



Kakfa on the shore



It is one of those Japanese literary works that will leave you empty with a void inside for some days after finishing the read. The story line is very random and inexplicable but the way Haruki Murakami has written it will make you fall in its beauty. The simulataneous potrayal of two worlds of two different characters with a tinge of magical realism is very gripping.



Haste Rahiye, Muskurate Rahiye!

-Darshit Tanna

A human has nearly 27 distinct emotions, as per a study and every emotion has a purpose. Happiness is the first and most significant factor. However, sentiment is useless until it is articulated. Happiness is expressed in several ways, including smiling, relieving, weeping, and, most commonly, laughing.

o What is laughter?

Laughter is a physical reaction defined by rhythmical, frequently loud contractions of the diaphragm and other respiratory organs. Logically, it's an exercise of your respiratory system. Additionally, it is an activity that engages everyone daily. But are you aware of its advantages? Here are a few examples.

1) Reduces Stress Hormone Levels

By decreasing the degree of stress hormones, you are at the same time cutting the anxiety and stress that impacts your body. Furthermore, the decrease of stress hormones might bring higher resistant framework execution.

2) Lowers Blood Pressure

People who have high blood pressure will be protected against cardiac arrests and strokes by chuckling for a few minutes.

3) Helps Building Your Abs

What if I tell you that all the abdominal training you perform for 20 minutes straight is equivalent to a peal of 5-minute infectious laughter? I'm sure you

were 'crunching' after hearing this news. You read that correctly. Laughing causes your stomach muscles to expand and contract, much as when you work out your abs.

4) Activates T-cells

T-cells are immune-boosting cells that aid in the battle against illness. Consider laughing to be the activation of T-cells. When you laugh, these cells are released into your body, and your headache is gone in an instant.

5) Releases Endorphins

Endorphins are a group of protein chains that help in reducing pain, increasing pleasure, reducing anxiety, attenuating inflammation, etc. What else do you want from a chemical? The moment you laugh, this chemical spreads instantly in your body and makes you forget all of your sorrows and complaints.

There are several additional advantages, but instead of listing them here, Try reading a comic for good laughter. So keep smiling, keep laughing!



PC: Medical News Today

TINY TICKLES



CC: Sunday Comics



CC: Archie Comics



CC: Cyanide and Happiness

Types of long exposure photography

-Sayam Doshi & Pratham Soni

1. LIGHT TRAILS

Light trails are created in photography by using a slower shutter speed to catch moving lights. Because the shutter is open for a few seconds (or longer), the light produces a trail across the photograph that shows the path it went.

There are several creative applications for light trails. Light trails may be used well in cityscapes, landscapes, and even portraits.

How to shoot this?

Set up a tripod with a camera at a height, or else at a bridge where you can watch vehicles passing by from below. Set your shutter speed to 10 to 15 seconds, f8, and ISO 100, then shoot when passing automobiles.



2. STAR TRAILS/ NIGHT SKY

A star trail is a picture that employs lengthy exposure times to capture the apparent motion of stars in the night sky caused by the rotation of the Earth. Individual stars appear as streaks across the image in a star-trail shot, with longer exposures generating larger arcs.



How to shoot this?

To create this sort of photograph, first look for a location with a low population density on Google or a location where you can see stars with your naked eye. Then, shoot 250 to 300 photographs every 30 seconds for around 30 seconds, and afterward integrate them in Photoshop.

3. STEELWOOL PHOTOGRAPHY

Steel Wool Photography uses long exposures to capture the motion of hot embers soaring through the air as a result of spinning burning steel wool. These embers are so hot that they flash brilliantly, and when they fly through the air, the camera sensor catches the streaks of light formed.

Shooting without protection is dangerous. Wear eyewear and fire-resistant hand gloves when shooting. To shoot this, you'll need steel wool, a whisk, and a lighter.



How to shoot this?

Take a whisk and knot a long rope to one end of it. Then, take some little bits of steel wool and insert them inside the whisk so that there is a room where nothing may burn due to embers in the shot area. Wear all of your safety equipment before you start burning, and then burn, spin, and enjoy the shot. However, bear in mind that you should not place with this.

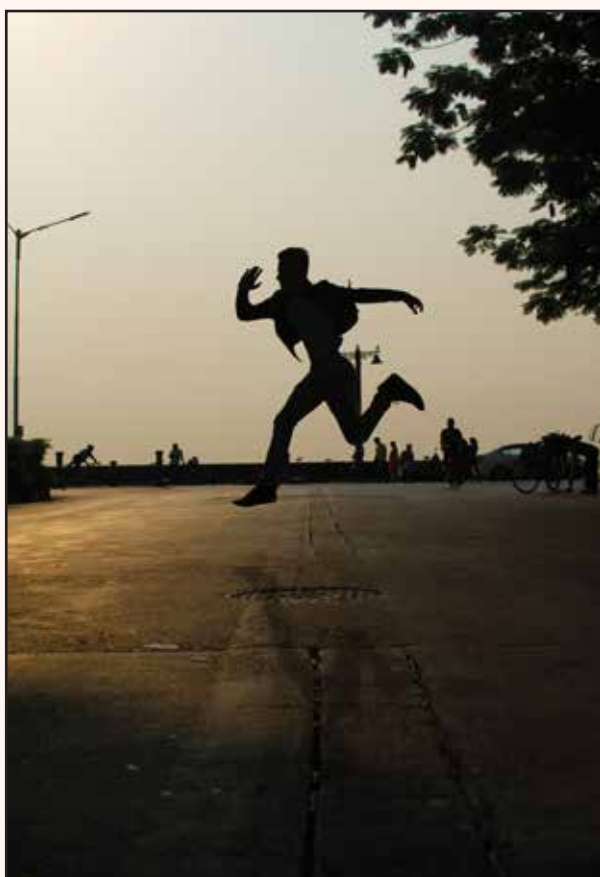




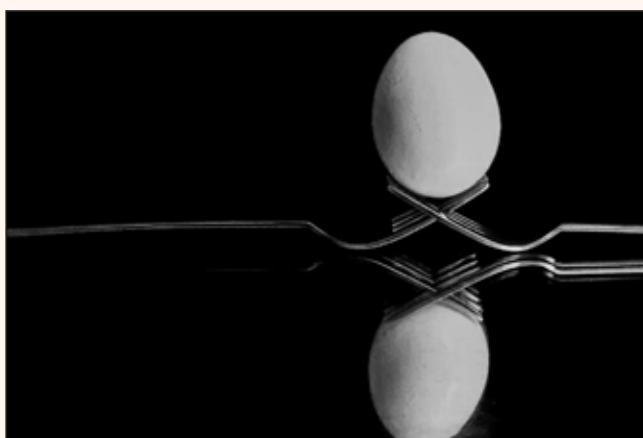
-Shreyash Srivastava



-Ishit Neema



-Rahul Shigwan



-Ishita Karmaran



-Sameep Vilankar



-Faiz Farooqui



-Sama Padvekar

## WRITE OUT LOUD

### Pyaar ka Raasta

Kisi ne kaha tha ki ye pyaar ka ras bahut  
meetha hota hai  
Humne kaha kyu na hum bhi is ras ko  
chakh le  
Kisi ne kaha pyaar woh lamha hai jo kabhi  
nahi mit ta  
Humne kaha kyun na hum bhi ise apne  
zehen mein rakh le  
Kisine kaha pyaar woh daud hai jo har koi  
lagaana chahta hai  
Humne kaha kyu na hum bhi hissa leke  
thoda thak le  
Toh hum bhi chal pade the pyaar ke raaste  
Par humein kaha pata tha ki zindagi ka  
rasta hai badal jayega  
Hum bhi sakht bane phirte tha  
Lekin hame kaha pata tha ki kisi ke husn  
ka jaadu hum par bhi chal jayega  
Chhalang toh sabhi lagate hai  
Doobte toh sabhi hai is gehre samundar  
mein  
Par humein kaha pata tha ki humara  
akelapan ka sooraj is samundar mein dhal  
jayega  
Humein kaha pata tha ki baat itni aage  
badh jayegi  
Humein kaha pata tha ke hamare pyar ki  
ummeed ka diya jal jayega.

-Darshit Tanna

Dhoop se Mulaqat hogi ek din  
Andhero se guzar toh sahi

Aashiyana hoga tera bhi  
Sadak par raatein guzaar toh sahi

Uchayi hasil karega ek din  
Samundar ki gehrayi ko pehchan  
toh sahi

Aasam mai udega tu bhi  
Ahmiyat girne ki jaan toh sahi

-Ridham Bhadreshwara

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## BIRTHDAY WISHES

Yash Rasanian- 2nd January  
Aakash Kalkumbe- 6th January  
Mitsu Shah- 13th January  
Meraz Khan- 20th January  
Shama Hurkat- 23rd January  
Tanya Walia- 23rd January



Today is the oldest you have been, and the youngest you will  
ever be. make the most out of it. -Nicky Gumbel

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