

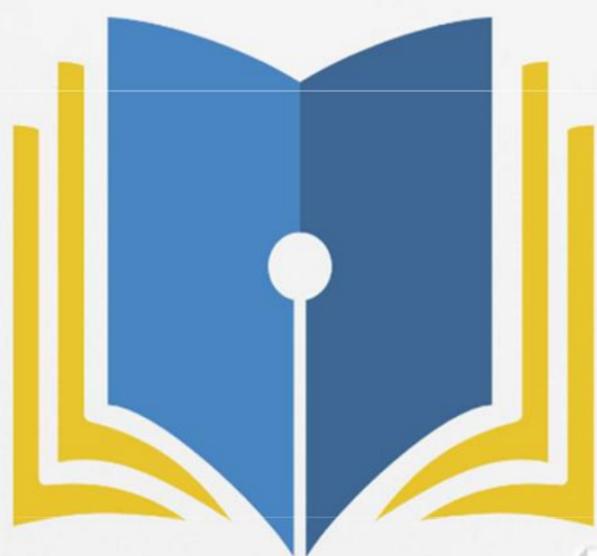


Chikitsak Samuha's  
Sir Sitaram & Lady Shantabai Patkar College of Arts & Science  
AND V.P.Varde College of Commerce & Economics  
S. V. ROAD, GOREGAON (WEST), MUMBAI-400 104  
(AN AUTONOMOUS COLLEGE AFFILIATED TO  
UNIVERSITY OF MUMBAI)  
"REACCREDITED WITH 'A+' GRADE BY NAAC (3RD  
CYCLE) ISO 9001: 2015, BEST COLLEGE OF 2016-17 , DBT  
STAR SCHEME AWARDEE"



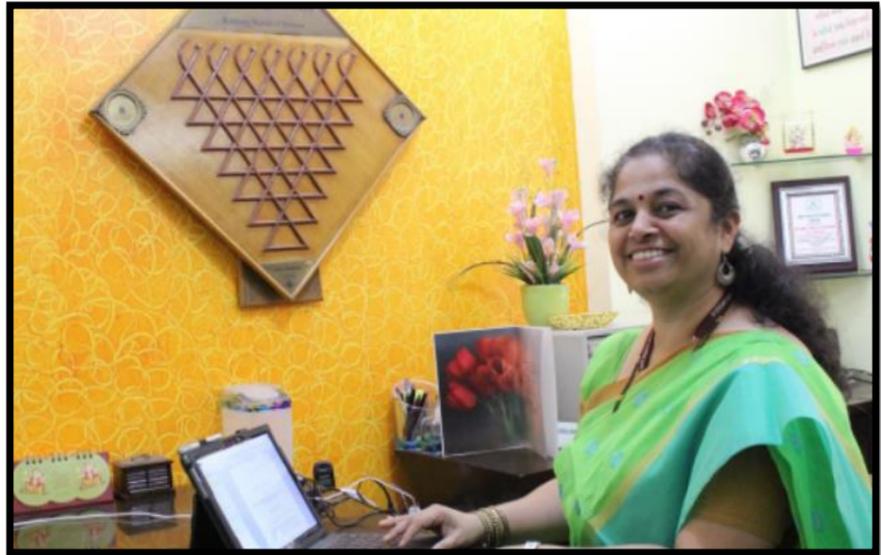
# WEEKEND CHRONICLE

WINDOW TO YOUR  
KNOWLEDGE



AN INITIATIVE BY  
B.M.S DEPARTMENT

MAIL ID:- [bmseperiodical@gmail.com](mailto:bmseperiodical@gmail.com)



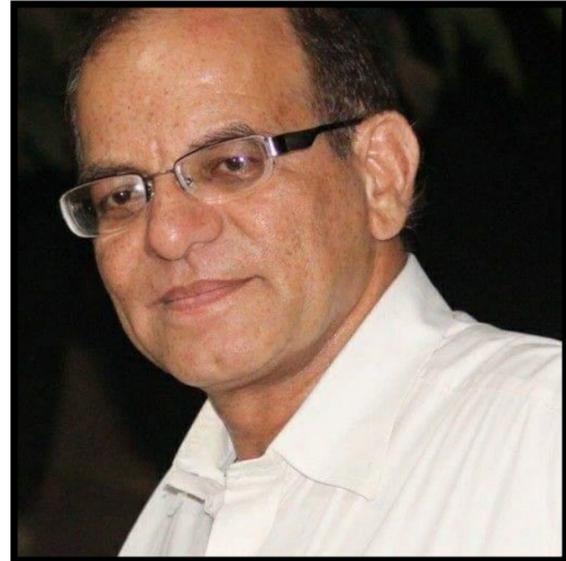
## A MESSAGE FROM CHIEF EDUCATION OFFICER'S DESK

**Dear Readers,**

**“Develop a passion for learning. If you do, you will never cease to grow.” We live today in a world that is so very different from the one we grew up in, the one we were educated in. The world today is moving at such an enhanced rate and we as educationalists need to cause and reflect on the entire system of education. On-line learning provides new age technology to widen the educational scope. It prepares students to succeed in an increasing technology driven global economy. Technology makes life much easier, most of all it saves time and energy. It is one of the fastest growing field right now and there is no sign of stopping anytime soon.**

**It is indeed a great moment for all of us to bring forth this weekly E-Periodical “Weekend Chronicle”. We are sure this E-Periodical will help to acquire knowledge and skills, build build character and enhance employability of our young talented students to become globally competent. There is something for everyone here, right from the fields of Business, Academics, Travel and Tourism, Science and technology, Media and lot more. The variety and creativity of the articles in E-Periodical will surely add on to the knowledge of the readers. I am sure that the positive attitude, hard work, continued efforts and innovative ideas exhibited by our students will surely stir the mind of the readers and take them to the fantastic world of joy and pleasure.**

**Dr. Mala Kharkar  
Chief Education Officer  
(Patkar-Varde College)**



## **A MESSAGE FROM THE PRINCIPAL'S DESK**

**Dear Readers,**

**As we know, "An Investment in knowledge pays the best interest."**

**Hence in this regard the E-Periodical Weekend Chronicle is playing a vital role in providing a platform to enhance the creative minds of our students of BMS Department.**

**The E-Periodical i.e online magazine drives us through varied genres containing- News related to Global affairs under departments like Business, Advertisement, IT and Science & Nature to intellectual news articles under Academics, Media and Library Departments. It also covers articles related to Food & Health care, Culture & Cuisine and Travel & Tourism which usually tops our "bucket lists" including article which address societal problems under Department of Social Issues. Lastly covering words and vision of our talented students as budding poets, writers and thinkers under Student's section Department.**

**Over all this vision of constructing E-Periodical by students will engage today's youth and the crafters of the youth (teachers) in their communities which is the necessity to over come hurdles of present reality. We will strive to make a better world through our acts and thoughts. Rather it is a challenge to be met!!!**

**Dr. Shrikant B Sawant  
Principal  
(Patkar-Varde College)**

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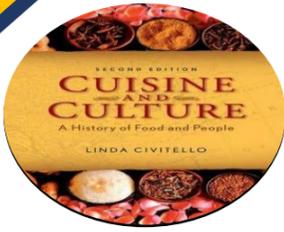
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**BUSINESS****Mumbai: Street vendors & their still sluggish businesses**

From ear cleaners to roadside bone-setters, to barbers who used to operate from under the shade of trees — the pandemic has hit the hardest businesses that operate beyond government oversight and without labour protection.

Mumbai teemed with street vendors who provided a variety of services in the city's informal economy. From ear cleaners to roadside bone-setters, to barbers who used to operate from under the shade of trees — the pandemic has hit the hardest businesses that operate beyond government oversight and without labour protection.

The Indian Express takes a look at what has happened to such workers, who used to add so much to Mumbai's life

Harish Thakur (69) and Latika Thakur (65)

Occupation: Sell corn cobs at Aksa beach, Malad

# Daily income pre-lockdown: Rs 1,200

# Daily income now: Rs 200

For Harish and wife Latika, the beach has been the epicentre of their lives for as long as they remember — at least 35 years' worth of sunsets. During the last six months of the lockdown, their little cart was parked outside their house in Aksa village, a 10-minute walk from the beach. It's been only two weeks that the couple have resumed their daily schedule — arriving at the beach by 3 pm, and wrapping up after 8 pm.

While the number of visitors has started to swell gradually, their business hasn't picked up. Earlier, the couple wouldn't be able to spare a minute while at work. "On weekdays, it used to bring us about Rs 1,200 each. On weekends, it used to be much more," Harish recalls

They hadn't imagined that the prevalence of coronavirus would deem their cobs "unsafe". "Now, we just can't tell how much we earn. Maybe Rs 200 to Rs 300. People come to the beach but avoid eating or drinking. We have sold about five cobs since morning," Harish says.

The couple also rent out a crate of mats to visitors at Rs 50 each. Those mats lie in their thin plastic covers for the whole day now.

~Rohan Mane

(NEWSCASTER)

Ref:-(<https://indianexpress.com/article/cities/mumbai/mumbai-street-vendors-their-still-sluggish-businesses-6913032/>)

**Companies restore salaries, give Diwali bonuses.**

MUMBAI: The festival of lights has ushered joy into people's lives with some companies doling out Diwali bonuses. Employers are also restoring salary levels wherever cuts were taken, and some others are advancing their appraisal cycles.

Companies like Voltas and Vijay Sales have given Diwali bonuses to their employees, while Urban Company has advanced its appraisal cycle. Last week, in addition to reversing salary cuts taken in its hydrocarbon business with retrospective effect, Reliance Industries also paid the variable pay. The company further said that 30% of the variable pay will be disbursed as an advance against future payout of the same.

With effect from October 1, Kotak Mahindra Bank rolled back pay reductions that were effected only for its top executives earning more than Rs 25 lakh per annum. Television broadcasters like Star, Zee and Viacom18 have also rolled back salary cuts. In addition, Zee is crediting 50% of pending bonus amounts into employees' accounts prior to Diwali.

**REASON FOR CHEER**

- > Most cos giving bonuses are doing so as they simply want to **continue with the traditional practice**
- > Salaries reduced earlier are being restored amid the festive season to **help employees out** in these tough times
- > Cos have also **advanced appraisal cycles**
- > It is a two-way street too as some senior execs point out that employees **have stuck with the cos** for long
- > What is helping the move is that there are signs of **demand revival with business rebounding** in many segments

Tata Group company Voltas gave bonuses to its employees last month. Typically, employees get their bonuses in July/August. But this time, it was delayed and the company gave it in September to ensure that the payouts are in their hands before Diwali.

-Preeti parab

(NEWSCASTER)

Ref:-(<https://timesofindia.indiatimes.com/business/india-business/cos-restore-salaries-give-bonuses/articleshow/79007934.cms>)

## ADVERTIMENT

### Jewellery brands likely to spend over ₹450 crore in ads during festive season

**NEW DELHI** : In a bid to woo customers and boost sales during the festive season, jewellery brands are expected to spend ₹450 crore on the advertising across platforms, media buyers have estimated. While television and print will lead the ad spends, digital, radio and outdoor ads will see additional promotions.



"Festive jewellery buying is considered auspicious in India and therefore it is expected that consumers will buy the precious metal. However, the ticket size of the purchase could be lower than last year. In such a scenario, jewellery brands will try to offer discounts/deals to ensure that customers do consider investing in gold or jewellery," said Dinesh Rathod, chief executive at media agency Madison Media Omega.

Titan-owned Tanishq launched a Durga Puja campaign to tap the eastern India market and promote its festive collection Aparajita. The company's advertising plan in terms of media weights, will be similar to last year. "...or maybe a shade better in terms of the media we have chosen to go with".

- Nontobeko Shezi  
(NEWSCASTER)

Ref :-(<https://www.livemint.com/industry/advertising/jewellery-brands-likely-to-spend-over-rs-450-crore-in-ads-for-festive-season-11601967112866.html>)

Source : Live mint

### Oppo launches festive campaign for its Diwali edition F17 Pro



Oppo, the smart device brand has rolled out a new campaign to 'Be The Light To Spread The Light' marking the launch of a Diwali edition F17 Pro inspired by the festival. The campaign encourages people to illuminate the world of others this Diwali with acts of kindness and spread joy. Conceptualised by Publicis, the campaign microfilm narrates a story of a young boy and girl who have been wishing to burst crackers on Diwali. One day, the boy finds a half-burned sparkler and keeps it close to him for an entire year, waiting to celebrate Diwali next year. Upon losing the sparkler, the boy feels that his last hope of making their Diwali special has been lost. However, his tuition teacher recognises his emotions attached to that sparkler and gifts him a full box to lighten up his mood and make the festival even more special for him. The brand film primarily highlights how one sparkler could instil a ray of hope for the young boy to fulfill his promise to the young girl and brighten up their Diwali moments and emphasises on the fact that Diwali is all about being that hope in the life of others.

Link :<https://www.google.com/amp/s/brandequity.economictimes.indiatimes.com/amp/news/advertising/oppo-launches-festive-campaign-for-its-diwali-edition-f17-pro/78763890>

Sakshi jadhav ( TYBMS)

Sources: brand equity. Com

### Lifestyle launches 'Dil Se Diwali' campaign



Lifestyle, the retail brand, has launched a festive campaign titled 'Dil Se Diwali' inspired by the joyful feelings that the festival of light ushers in. The campaign takes a leap from 2019, to capture the heart of the celebrations in the context of the recent times where everyone is looking forward to the dress-up and dispel the gloom by celebrating Diwali in their own unique way.

The campaign considers all the different ways of celebrations, big or small, encouraging people to spread the brightness and joy in their own way. The campaign consists of two digital films with two-part storytelling, with 2 different Diwali celebrations, accentuated by a memorable song.



Watch the films here-

- <https://youtu.be/1mLS3NI7NNs>
- <https://youtu.be/nugsY7XLtWo>

Priya Shivakumar, national creative director, Wunderman Thompson India, said, "'Dil se Diwali' comes back with a fresh new feel that is both relevant and offers the choice of celebration to the viewer with each of the two films calling out two contrasting ways to celebrate the festival of lights.

-Abhishek Kanojiya  
(NEWSCASTER)

Ref:(<https://brandequity.economictimes.indiatimes.com/news/marketing/lifestyle-launches-dil-se-diwali-campaign/78842452>)

## **INFORMATION & TECHNOLOGY**

### **BANKS ROLL OUT ROBOT AS PANDEMIC SHAKES UP IT PLANS**



When banks were flooded with loan requests from businesses struggling with the fallout of the coronavirus pandemic, hastily built robots helped several lenders cope with the deluge. The bots were one of many quick technology changes deployed across the industry during the crisis, a contrast to the slow progress it's made in the past two decades to improve technology in the face of increasing competition from fintech rivals. Now the jolt from the COVID-19 pandemic has accelerated the process even though banks globally have to cut IT spending this year for the first time since 2009, based on data from research company IDC. "Bots allowed us to process a much higher volume of applications than we would have been able to do before. It meant the timelines didn't get longer with the massive volume," said Simon McNamara, chief administrative officer at Britain's NatWest. It is a pattern that has played out across banks globally, where technology changes that would usually take months were done in a matter of days. At Citigroup, there was a 300% rise from a year earlier in the number of new accounts opened digitally by corporate or fund clients during March, while the number of those clients using its online and app services rose 25%. "We were seeing this trend pre-COVID but it accelerated during COVID," Naveed Sultan, Citi's global head of transaction banking, said. "The traditional ways of working became almost non-existent". But as banks have to budget for a pick-up in loan losses due to the pandemic, some projects, such as large-scale customer data mining to offer more personalized services may have to be shelved, IDC research showed.

"There is a digital divide," Jerry Silva, global banking research director at IDC said. "Sometimes I call it the predatory gap, because those banks are going to be able to steal market share from those that weren't prepared prior to 2020."

Nihar Mane  
(Newscaster)

Ref:-(<https://cio.economictimes.indiatimes.com/news/strategy-and-management/banks-roll-out-robots-as-pandemic-shakes-up-it-plans/78948233>)

### **GRADES VS LEARNING – SHIFTING ATTENTION TO WHAT’S IMPORTANT**

Students flipping to the very last page of their essays to see the grade rather than the comments. Government initiatives focusing on test scores and test scores only. Do any of these situations sound familiar? Have students always been obsessed with grades? Is there anything educators can do about it?



#### **WHY STUDENTS VALUE GRADES MORE THAN LEARNING**

**THE STAKES ARE HIGH** - Every grade counts toward the student's overall GPA, and GPAs matter for internships, college admissions, and job applications.

**HOW MOM AND DAD FACTORS IN** – Many parents particularly in high-achieving, high-pressure schools, go directly to teachers to try to get their children's grades raised, and one 2014 survey found that 80% of kids thought that their parents cared more about their achievement than their happiness or altruism.

**SENSE OF SELF WORTH**- Even when they don't try to minimize their academic effort, many students base their sense of self on academic achievement, often in the form of grades. A 2002 psychology study found that over 80% of college freshmen based their self-worth on academic competence—more than family support, appearance, or any other single factor.

#### **HOW TO PRIORITISE LEARNING**

##### **CLASSROOM ACTIVITIES**

- Drafts, re-dos, and “evolving assignments”
- Learning reflections and mindfulness
- Shifting language and focus from task

completion to learning goal, outcome, or growth.

-VISHAKHA GAIKWAD  
(Newscaster)

Ref:-(<https://www.thegraidenetwork.com/>)

### **NEW ZERO-DAY BUG PUTS WINDOWS OS AT THREAT, REVEALS GOOGLE**

A team of Google security researchers has revealed zero-day vulnerability in the Microsoft Windows operating system that is under active exploitation. According to Google project Zero technical lead Ben Hawkes, the zero-day vulnerability is expected to be patched on November 10. "In addition to last week's Chrome/free type zero days (CVE-2020-15999), Project Zero also detected and reported the Windows kernel bug (CVE-2020-17087) that was used for a sandbox escape," Hawkes said in a tweet on Friday. "Currently we expect a patch for this issue to be available on November 10," he added. November 10 is also the date of Microsoft's next security Patch. "We have confirmed with the Director of Google's Threat Analysis Group, Shane Huntley that this is targeted exploitation and this is not related to any US election related targeting," Hawkes informed.

The Google Project Zero team notified Microsoft last week and gave the company seven days to patch the bug, reports ZDNet. The zero-day bug in the Windows kernel can be exploited to elevate an attacker's code with additional permissions. The vulnerability impacts all Windows versions between Windows 7 and the most recent Windows 10. Microsoft was yet to comment on the new zero-day bug. Microsoft was yet to comment on the new zero-day bug. In March last year, Google said that threat actors have also combined a Chrome zero-day with Windows zero-day vulnerability. Google also made public the details of a medium-level security flaw in Microsoft Edge browser in 2018. The vulnerability was first discovered in November 2017 by the search giant's Project Zero.

Nihar Mane  
(Newscaster)

Ref:-(<https://cio.economictimes.indiatimes.com/news/digital-security/new-zero-day-bug-puts-windows-os-at-threat-reveals-google/78967134>)

# SCIENCE & SPACE

## The 5 Possibilities For Life On Mars!



**1.) Mars never had life on it.** Despite having the same raw ingredients as early Earth and similar, watery conditions, the necessary circumstances that enable life to form simply never occurred on Mars. All the geological and chemical processes that occur inorganically still happened, but nothing organic. Then, a little more than three billion years ago, Mars's atmosphere was stripped away by the Sun, drying up any liquid surface water and leading to Mars's current appearance.

**2.) Mars had life early on, but it died out.** This scenario, in many ways, is just as compelling as the prior one. It's very easy to imagine that a world with:

- a thick atmosphere similar to early Earth's,
- stable, liquid water on its surface,
- continents with rich geological diversity,
- volcanoes,
- a magnetic field,
- a day similar in length to our own,
- and temperatures only marginally cooler than Earth's today,

**3.) Mars had early life, and it still persists in a mostly-dormant form beneath the surface.** This is the most optimistic, but still scientifically viable, view of life on Mars. Perhaps life took hold early on, and when Mars lost its atmosphere, a few extremophiles remained in a sort of frozen, suspended-animation state. When the right conditions emerged — perhaps underground, where liquid water can occasionally flow — that life “wakes up” and begins performing its critical biological functions.

**4.) Mars didn't have life until Earth seeded it, naturally.** 65 million years ago, a very large, fast-moving body impacted Earth, creating Chixulub crater and kicking up enough material to blanket the Earth in a cloud of debris, leading to the fifth great mass extinction in Earth's history. And, like many massive impacts, this one likely kicked up small pieces of Earth all the way into space, the same way that impactors on the Moon or Mars send meteors throughout the Solar System, where some of them eventually land on Earth.

**5.) Our modern space program spread Earth-based life to Mars.** And, finally, perhaps Mars truly was a barren, lifeless planet — at least for billions of years — until the dawn of the space age. Perhaps spaceborne materials that weren't 100% decontaminated or sterilized landed on the Martian surface, bringing modern Earth organisms with them as stowaways. It's the ultimate nightmare of astrobiologists: that there's a fascinating history of life to uncover on another world, but we'll contaminate it with our own organisms before we ever learn the true history of life on that world. In the worst case scenario, it could be the case that was surviving simple life on Mars of Martian origin, but that Earth life arrived and out-competed it, driving it to a rapid extinction. This very real, healthy fear is why we're frequently so conservative, from a biological perspective, when we explore other planets and foreign worlds.

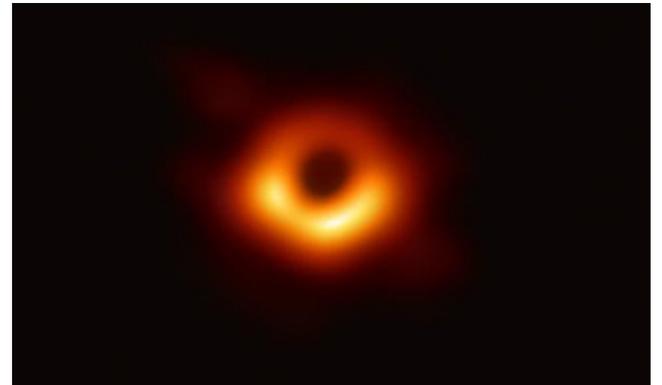
Fun Facts: It can get pretty cold on Mars — much **colder than our own planet**, since it's further away from the sun. At the equator, temperatures can reach **20°C**, but at its poles they can plummet to as low as **-140°C**.

-Mansi Sikchi

(NEWSCASTER)

Ref:-  
(<https://www.forbes.com/sites/startswithabang/2020/08/04/the-5-possibilities-for-life-on-mars/?sh=54d9ebb55387>)

## Mysteries starting to unfold...



Many theories have been revolving around the black holes for a few years. Many discussions were going on how the black holes look or the exact images of black hole. In 2019 we got some good reveals about the black hole.

After years of anticipation, it was here! Scientists in 2019 took an absolutely unforgettable image of black hole M87, at the heart of the galaxy Virgo A, about 53 million light-years away. The first-ever close-up of the singularity, snapped by a network of telescopes around the world known as the Event Horizon Telescope, looks like a grainy, tiny spot surrounded by a fuzzy orange ring. But that small, pixelated image is actually a black hole as big as the solar system and 6.5 billion times the mass of our sun.

The fiery orange glow surrounding its black heart demarcates its event horizon, the ring of matter that swirls around a black hole just before falling in. As it rubs against other matter at high speeds, it produces energy and glows to form an accretion disk — hence the orange ring.

Some black holes even have hair. Yes seriously they do have. This year, we learned that black holes do have hair, but most of the time, they're as bald as cue balls. What does that mean, exactly? Historically, physicists believed singularities were bald, or featureless, meaning they had only three properties: mass, angular momentum and electric charge. Everything that those celestial Pac-Mans consumed over the course of a lifetime was locked away behind the event horizon, and no information about a black hole's eating habits could be retrieved later. But in 2016, late physicist Stephen Hawking, along with others, published a paper proposing that black holes have "hair," or distinctive features. These hairs were subtle shifts in the event horizon, as well as the Cauchy horizon — the point at which cause and effect flip — that would make black holes distinguishable from each other.

*Fun fact: 1. Black holes may be surrounded by a wall of fire.*

-Kshitij Shirodkar

(NEWSCASTER)

Ref: -(<https://www.livescience.com/> <https://www.nasa.gov/>)

## NATURE

### Human Destruction is the beginning of reparation of NATURE



To be honest, humans always perceive and spread the negative aspects of something. Now, be it the fake WhatsApp forwarded messages, negative news or bashing someone on online platforms or seeing only the negative aspects of lockdown or being quarantined.

There are a bunch of positive things which have happened during the humanoid break during the lockdown. One of the positive things is the reduction of pollution. Be it water, air, soil or any kind of pollution. But I am going to majorly focus on air pollution. The Air Quality Index (AQI) is the unit of measurement of air quality; be it for a nation or a city. As per the report in Times of India (TOI) dated 1<sup>st</sup> July 2020, the city which is known for being one of the most polluted cities in India reported for having the best air day in the last 5 years. With a score of 12 equaled its record for the best air quality on the AQI index. The AQI is measured by the level of main pollutants in the air-particulate material or PM 2.5, particles that measure 2.5 microns to 10 microns. An AQI under 50 is considered to be good and it does not pose any health risks.

The current AQI of Mumbai is better than Pune and Delhi. But Delhi's air pollution has also dropped down by 49%. You can clearly see that our mother nature is getting healed by the ongoing lockdown. Similarly the rivers are also getting cleansed since there is no human activities. The best example of that is river Yamuna.

Everything can get back on track if we give time and dedication towards it. Although humans are suffering the wrath of mother nature, it is for the good of mother nature. Hopefully nature and humans will go hand in hand and cooperate with each other.

*Fun facts: 1) If India maintains the low levels of pollution reached during lockdown the death rate could reduce by 6.5 lakh, a study stated by Indian express.*

*2) Air quality was healthy only 7/730 days between 2013-2015.*

-Kshitij Shirodkar

(NEWSCASTER)

Ref:-(<https://timesofindia.indiatimes.com/ushttps://indianexpress.com/>)

### Youth's contribution: For the love of the unspoken...



Even though our youth is stranded at home. Although they are suffering by their own issues like educational dilemmas and lack of energizing activities of playing sport, going to gyms or outing with friends etc. many youths have stepped up and started helping the stray animals. The ongoing lockdown has left millions of these animals without food and water. Used to feeding on scraps from restaurants and roadside stalls, these animals are now without sustenance.

Earlier people used to roam freely around and were even able to easily feed the stray animals. But since lockdown almost everything took a break. In these trying times, some group of youths are actively feeding the stray animals. Whatever stock of food they have which the animals too can eat was given by the children as well as the teenagers who truly feel for the unspoken lives. It was truly a good display of humanity by the youth groups. Seeing the efforts taken by youth, even groups of adults joined them and formed groups for the collective welfare of the stray animals.

In Chennai, large quantities of food for stray dogs are being cooked by Blue Cross of India workers. Some shelters say pets are being abandoned as owners fear they can spread the virus. Activists want local authorities to issue passes so that they can go out to feed the animals. Many online campaigns have been launched to raise funds for this purpose. WhatsApp chat groups have also been set up to coordinate feeding runs across the city.

*Fun fact: 1) Studies show that goats, like humans, have accents.*

*2) Dogs sneeze when play fighting to show they are playing and don't wanna hurt you!*

-Kshitij Shirodkar

(NEWSCASTER)

Ref:-( 1) <https://economictimes.indiatimes.com/> 2) <https://www.thehindu.com/>)

## RESEARCH

## Mee Too Movement!

In 2006, Tarana Burke founded the **Me-Too** Movement to help survivors of sexual violence discover routes to healing and recovery, specifically women of color in low income communities. Rooted in the idea of “empowerment through empathy,” *Me Too* was created to ensure that no survivor felt alone or incapable of moving forward. Over 10 years later, the movement carries on – but now with a renewed energy and urgency that has shed a powerful light on the pervasiveness of sexual violence and harassment in our culture today.



With the rise of social media, **Me Too** has transformed into #MeToo and thousands of women (and men) have shared their stories as witnesses and victims of sexual mistreatment in both their personal and professional lives. What started as a tweet has morphed into a sweeping media takeover that has reached 85 countries and counting. Facebook reported that within the first 24 hours the #MeToo hashtag went live, it had been used by more than 4.7 million people in 12 million posts with 45% of users in the United States alone having a friend who posted using the term

“We need a complete cultural transformation if we are to eradicate sexual assault in our lifetimes. It means we must build our families differently, engage our communities and confront some of our long-held assumptions about ourselves. Today’s announcement is an opportunity for all of us to take a hard look in the mirror and answer the question: ‘When you hear #MeToo, will you stand up and say #NoMore?’ Let’s get to work.”

-Pooja Mishra

(NEWSCASTER)

Ref:-(<https://theconversation.com/global/topics/metoo-45316>)

## A study on the impact of fire crackers on airborne microflora during Diwali

Diwali is celebrated widely in Asian countries, with a custom of firing crackers. Crackers pollute the environment with noise, particulate matter and chemicals. There are reports on the variation of particulates during firing crackers but none on airborne microbes. The present study was conducted to know the impact of fire crackers on airborne microflora. The air samples were collected 3 days prior to Diwali, on Diwali and 3 days after Diwali during the year 2017 at 15 different areas in Chennai, India. Andersen N-6 viable particle air sampler was exposed with petridishes containing nutrient agar and potato dextrose agar for the isolation of bacteria and fungi respectively. An average of  $1,904 \pm 2.5$  CFU/m<sup>3</sup> of bacteria recorded prior Diwali was reduced by 53.23% on Diwali and increased by 27.37% after Diwali. This reduction on Diwali is attributed to the exposure of bacteria to chemicals emitted by the crackers. For fungi, an average of  $235.57 \pm 1.67$  CFU/m<sup>3</sup> was recorded prior Diwali, with an increase of 78.5% on Diwali. The increase in fungal count might be due to the release of spores by ground crackers. The study shows that bacteria are susceptible to the chemicals emitted by fire crackers when compared with fungi.



A study on the impact of fire crackers on airborne microbes during Diwali was conducted at 15 different sites across Chennai city, India. The samples were collected 3 days prior to Diwali, on Diwali and 3 days after Diwali in the year 2017, using Andersen N-6 viable particle air sampler. The study reveals a decrease in airborne bacteria and increase in airborne fungi on Diwali. The decrease in bacterial count is attributed to their exposure to chemicals emitted by fire crackers. The increase in fungal count is due to the explosion of ground crackers which resulted in turbulence and release of fungal spores from ground to the atmosphere. Further, the study shows that bacteria are more susceptible to the chemicals emitted by fire crackers when compared with fungi.

-Pooja Mishra

(NEWSCASTER)

Ref:(<https://www.sciencedirect.com/science/article/pii/S2405844019358621#:~:text=Crackers%20pollute%20the%20environment%20with%20noise%2C%20particulate%20matter%20and%20chemicals.&text=This%20reduction%20on%20Diwali%20is,increase%20of%2078.5%25%20on%20Diwali.>)

## ACADEMICS

### WHO INVENTED EXAMS AND WHY?



Henry Fischel was the first person to invent exams, and the first examination performed in China was an imperial exam. The reasons why exams were invented are

- To show how much a person has learnt .
- Making you know a lot of things in one night.

#### HENRY FISCHEL

Henry A. Fischel was born on 20 November 1913 and died on 18 March 2008. He was an emeritus professor of Near Eastern languages and cultures at Indiana University. He was an instrumental figure in founding both the Jewish Studies Program and the Indiana University Department of Religious Studies.

#### IMPORTANCE OF EXAMINATION

Exams are the way to test our knowledge. Without conducting the exams and test students don't concentrate in their studies and learn their lessons properly. Exams are necessary in schools and colleges to find out the real skills, talents and knowledge of the students.

Exams are the way to test our knowledge. Without conducting the exams and test students don't concentrate in their studies and learn their lessons properly. Exams are necessary in schools and colleges to find out the real skills, talents and knowledge of the students.

All students are studying their lesson properly to get good marks in the test and exams, each and every student is interested in getting good marks in the exam and study hard to achieve it, without exam there is no chance to express about our knowledge, skills as well as our studying activity.

Some people may thought that exams are not necessary for school and college students, but this kind of attitude is wrong. Without exams students will be tension free, they don't concentrate in their studies and lessons. Some students don't go to the school or college, if the examination system is cancelled from school/college. In this ways exams are very important for the studies, every person wish to get highest mark in the class and study hard to achieve their dream. This kind of attitude gives competition among the students and they study hard for achieving a good result in exam. Exam is the way to express our real knowledge and ability in the written form.

Exams teach us lot of things and give training to various things like punctuality, writing skills, timing sense, expressing our thoughts and opinions and so on. Without exam it is very hard to find out the real knowledge of an individual student as well as students will lost their motivation with their studies. With this examination method, students will get fear about their exams and study their lessons properly to increase their knowledge as well as getting highest marks in their class.

- Sanjeet Bhelekar

(Newscaster)

Ref:-([latestnews.fresherslive.com](http://latestnews.fresherslive.com))

**MEDIA****WHY INDIAN COMPANIES SHY AWAY FROM USING SOCIAL-MEDIA TO ASSESS CULTURE FIT**

There are various parameters on which candidates are assessed before employers finally decide to hire them. One such parameter is ‘culture fit’. Yes, while it is important to assess the skills of candidates before offering them the job, it is also equally important to assess their culture fit.

So what exactly is culture-fit hiring? Simply put, it is the process of matching the values of the company with that of the candidates. The candidates will be considered a good fit for the company if their values match with that of the company. Various assessment tools and conventional techniques, such as deep conversations can be employed to determine whether the person is a culture fit or not.

Companies, such as Taco Bell, Dell, and Unilever, use social media comprehensively to promote their culture and employer brand. Taco Bell posts pictures of its employees working in uniforms in kitchens on platforms, such as Facebook and Instagram, to tell people what it is like to work at Taco Bell. It also posts jobs on Instagram, which is a fairly unconventional way of attracting talent.

“When I was working with the Mumbai Airport, we used to check the profiles of candidates for senior-level leadership roles to do a background check on their political views and inclinations,” says Lalit Kar, SVP-HR, and Reliance Digital.

But when HR leaders were asked about whether they use social media to assess the culture fit of candidates, many of them answered in the negative! This is not surprising at all. While HR still relies on assessment tools and other conventional methods to do a culture fit check, HR leaders do not think that social media is a great tool to check whether a person is a culture fit or not.

“Social-media platforms do not showcase the values of a person which can match with that of a company. We can only get some idea about the potential, but not the culture fitment,” shares Ajay Tiwari, VP-HR, Lupin.

Companies can definitely use these social-media platforms to promote and market their work culture and organizational philosophy. But as of now, it is a long way off from acting as a two-way street.

~ Vedang Khopkar

(NEWSCASTER)

Ref: hrkatha.com

**ARTS & HISTORY**

**CHHATRAPATI SHIVAJI MAHARAJ**



CHHATRAPATI SHIVAJI MAHARAJ was one of the bravest, most progressive and sensible rulers of India. The founder of the Maratha Kingdom, Shivaji Maharaj established a royal name for himself in history with his administrative skills by upholding the Swarajya values and the Maratha heritage. He was known for his bravery and tactics with which he won numerous wars against the Mughals. Here are some interesting facts about Shivaji.

1. Known as the Father of Indian Navy, Shivaji was the first to realise the importance of having a naval force, and therefore he strategically established a navy and forts at the coastline to defend the Konkan side of Maharashtra. The Jaigad, Vijaydurg, Sindhudurg and other such forts still stand to testify his efforts and ideas.
2. Contrary to popular belief, Shivaji was not named after Lord Shiva. In fact, he was named after a regional Goddess Shivai. His mother prayed to the goddess for a son and was blessed with one. The god-like stature was given to him for his deeds, and not his name.
3. The secular ruler was very accommodating of all religions. He had numerous Muslim soldiers in his army. His only aim was to overthrow Mughal rule and establish Maratha empire. He was also very supportive of people who converted to Hinduism.
4. Shivaji Maharaj was a dependable supporter of women and their honour. He opposed all kinds of violence, harassment and dishonour against women. Anyone under his rule caught violating woman's rights was severely punished. In fact, women of captured territories were also released unharmed, and with integrity.
5. Chhatrapati Shivaji was called as the 'Mountain Rat' and was widely known for his guerrilla warfare tactics. He was called so because of his awareness in geography of his land, and guerrilla tactics like raiding, ambushing and surprise attacks on his enemies. He knew the importance of a good army, and with his skills, expanded his father's 2000 soldier army to 10,000 soldiers.

- Varsha bag

(NEWSCASTER)

Ref: [www.indiatoday.in](http://www.indiatoday.in)

**Rangoli- Ushering in prosperity**



Introduction:

Vibrancy and colour have always been how Indian outlook is perceived. Rangoli is used to beautify homes, places of worship and any place that calls for celebration.

Main body:

Combining symmetry, precision, and complexity, Rangoli is designs made of geometrical lines drawn on the floor, composed of curved loops. Marking are designed around a grid pattern of dots. The medium used to outline patterns is often rice powder, chalk, white rock powder and chalk powder. Natural and synthetically coloured powders are used to fill up the shapes and enhance the contours of the drawing. A common sighting in Southern India, Rangoli is referred by different names according to region and language. Hase in Karnataka, Muggulu in Andrapradesh, the Rangoli is an ancient art passed down the generations as an essential part for any ritual or festival. Deemed to bring prosperity and wealth, Rangolis are made at daybreak, before sunrise. Courtyards are swept clean and watered for this purpose. Rangoli has an interesting part to play in chalking out a plan for a harmonious co-existence of all creatures. Patterns are made with rice powder along the corners and skirting of the floor to make food accessible to ants. Varieties of birds are attracted to the patterns which changes the ambience of the entire garden. Patterns are customized to welcome Goddess Lakshmi- the Goddess of prosperity to usher in affluence. Motifs are modified to blend in with the occasion. Abstract, philosophical, religious, geometrical, zodiac signs, fish, birds and flowers, the theme includes the associated elements

Conclusion:

Over the ages, rice flour has been substituted with limestone and red brick powder to bring about a contrast in color. Chalk and chalk powder has been a long standing favorite. Technology has made way for vinyl stickers which are time saving and easy to peel off. Despite the change in trends, the Rangoli has stood the test of time which was prevelant during the Chola dynasty.

-Varsha bag

(NEWSCASTER)

Ref: [www.indianeagle.com](http://www.indianeagle.com)

## LIBRARY

**KUMUNDI TYAGI & RITI SINGH : FIRS NAVY WOMEN OFFICER**

Heralding yet another first in the history of Indian naval aviation, two women officers have been selected to join as "Observers" in the helicopter stream. Lieutenant Kumudini Tyagi and Sub Lieutenant Riti Singh will be the first women officers in the Indian Navy to embark on Navy warships as part of ship's crew. "They would in effect, be the first set of women airborne combatants who would be operating from warships. Earlier, entry of women was restricted to the fixed wing aircraft that took off and landed ashore," Indian Navy spokesperson Commander Vivek Madhwal said. They are to be part of Multi-Role-Helicopters crew. These officers, SubLieutenant Kumudini Tyagi and Sub Lieutenant Riti Singh, are a part of a group of 17 officers of Indian Navy, including four women officers and three officers of the Indian Coast Guard (13 officers of Regular batch and 4 woman officers of Short Service Commission batch) who were awarded "Wings" on graduating as "Observers" at a ceremony held on Monday at INS Garuda, Kochi. "The ceremony was presided by Rear Admiral Antony George NM, VSM, Chief Staff Officer (Training) who presented awards and coveted wings to the graduating officers," Commander Vivek Madhwal said. In addition, the chief guest also awarded the 'Instructor Badge' to six other officers, (five from the Indian Navy including a woman and another from Indian Coast Guard) who had successfully graduated as Qualified Navigation Instructors on the occasion. Speaking on the occasion, complementing the graduating officers, Rear Admiral Antony George highlighted the fact that it is a landmark occasion wherein for the first-time women will be trained in helicopter operations which would ultimately pave way for the deployment of women in frontline warships of Indian Navy These officers would serve on-board Maritime Reconnaissance and Anti-Submarine Warfare aircraft of the Indian Navy and Indian Coast Guard.



**INDIAN NAVY INDUCTS 2  
WOMEN IN WARSHIP CREW**

Kavita Shirsat

(Newscaster)

Source: <http://www.mid-day.com/>

**Guru Nanak Jayanti**

**Guru Nanak Dev Ji Gurburab**, also known as **Guru Nanak's Prakash Utsav** and **Guru Nanak Dev Ji Jayanti**, celebrates the birth of the first Sikh guru, Guru Nanak.<sup>[2]</sup> This is one of the most sacred festivals in Sikhism, or Sikhi. The festivities in the Sikh religion revolve around the anniversaries of the 10 Sikh Gurus. These Gurus were responsible for shaping the beliefs of the Sikhs. Their birthdays, known as *Gurburab*, are occasions for celebration and prayer among the Sikhs.

Guru Nanak, the founder of Sikhism, was born on Puranmashi of Kattak in 1469, according to the Bikrami calendar<sup>1</sup> in Rai-Bhoi-di Talwandi in the present Shekhupura District of Pakistan, now Nankana Sahib.<sup>1</sup> It is a Gazetted holiday in India.

According to the controversial Bhai Bala Janamsakhi, it claims Guru Nanak was born on the Full Moon (Puranmashi) of the Indian Lunar Month Katik. The Sikhs have been celebrating Guru Nanak's Gurburab around November for this reason and has it been ingrained in Sikh Traditions.

However, some scholars and organizations believe the Birthday should be celebrated on Vaisakhi, which falls on 14 April according to the original<sup>1</sup> Nanakshahi Calendar passed by Sri Akal Takht in 2003. However, many people and organizations would like to keep the traditional date by celebrating on the Full Moon Day (Puranmashi or Purnima) of the Lunar Month Kartik. The original Nanakshahi Calendar follows the tradition and celebrates it on Kartik Purnima due to demands by various Sikh Saints.

Yash Pedhamkar

(NEWSCASTER)

Source: [https://en.wikipedia.org/wiki/Guru\\_Nanak\\_Gurburab](https://en.wikipedia.org/wiki/Guru_Nanak_Gurburab)

## FOOD & HEALTHCARE

### JAIN DIET



The Jain Diet perhaps most closely resembles the popular Vegan and Vegetarian diets, as the main reason for sticking to all those diets is ethical. According to Jainism, each act directly or indirectly supports killing or injury accumulates negative karma. So, the Jain Diet rules aim at the elimination of violence as much as possible. This includes not only the prohibition of meat and fish consumption, as in the Vegetarian Diet, but also limitations of certain plant foods. Jains consider plants living entities and the rules of this diet focus on preventing death of plants too. This does not mean, however, that you cannot eat plants.

#### Rules of the Jain Diet

##### No lactose:

Lacto-vegetarianism (generally known simply as vegetarianism in India) used to be mandatory. Food containing even small particles of the bodies of dead animals or eggs is absolutely unacceptable. Some Jain scholars and activists support veganism and have traded dairy products for soy-based food items, as the production of dairy products involves significant violence (himsa) against cows. Veganism, when properly balanced, has numerous benefits, including weight management and lowering the risks of diabetes, dyslipidemia and heart disease

##### No animals are injured by the meal preparation:

Jains go out of their way so as not to hurt even small insects and other tiny animals. They believe that harm caused by carelessness is as reprehensible as harm caused by deliberate action. That's why they take great pains to make sure that no minuscule animals are injured by the preparation of their meals and in the process of eating and drinking.

##### Unfiltered water is not allowed:

Traditionally Jains have been prohibited from eating at night and drinking unfiltered In the past, when wells or baolis were used for the water source, the cloth used for filtering was reversed and some of the filtered water was poured over it to return the organisms to the original body of water. This practice termed as 'jivani' or 'bilchhavani', is no longer possible because of the use of pipes for water supply. Jains today may also filter faucet water in the traditional fashion, and some Jains continue to follow the filtering process even with commercial mineral or bottled drinking water.

Popularly called the snake charmer dance. This dance performance is accredited by UNESCO as an Intangible Heritage. Women are dressed in ethnic attire and dance to folk music that men play. Popular instruments include dholak (a hand drum), khandari and pungi (a percussion & woodwind musical instruments). The Sapera Dance consists of snake – line dance movements that namesake tribal women perform. The steps look best in the 'angrakhhi' & odhani on a long skirt that turns around gracefully.

##### No plant injury:

Jains make considerable efforts not to injure plants in their everyday life as much as possible. They only accept such violence inasmuch as it is indispensable for human survival. Besides, there are special instructions for preventing unnecessary violence against plants. Jains don't eat root vegetables such as potatoes, onions, roots and tubers, because tiny life forms are injured when the plant is pulled up from the ground and because the bulb is seen as a living being, as it is able to sprout. Also, consumption of most root vegetables involves uprooting & killing the entire plant. Whereas consumption of most terrestrial vegetables doesn't kill the plant (it lives on after plucking the vegetables or it was seasonally supposed to wither away anyway).

##### No cooking or eating at night:

Traditionally cooking or eating at night was discouraged because insects are attracted to the lamps or fire at night and it might kill them. Strict Jains take the vow (called Anastasiya or anshau) of not eating after sunset.

##### Food prepared and consumed the same day:

Strict Jains do not consume food which has been stored overnight, as it possesses a higher concentration of microorganisms (for example, bacteria yeast etc) as compared to food prepared and consumed the same day. Hence, they do not consume yogurt or dhokla & idli batter unless they've been freshly set on the same day.

##### Other banned foods

Honey is forbidden, as its collection would amount to violence against the bees and some of them might have been killed in the process of collecting it. Food items that have started to decay are prohibited.

Jains do not consume fermented foods (beer, wine and other alcohols). This way they're trying to avoid killing of a large number of microorganisms associated with the fermenting process.

-Seema Samanta

(NEWSCASTER)

Ref: [www.thepalaceonwheels.org](http://www.thepalaceonwheels.org)

## CULTURE & CUISINE

### Fascinating Cultures around the World



#### Huli – Papua New Guinea

The Huli are one of the most famous tribes on Papua New Guinea, an island in Oceania that is home to hundreds of unique traditional tribes. The Huli are proud and fearless warriors who are known for their ornate headdresses and unique way of painting their faces and bodies with bright yellow Ambua (a sacred clay) and red ochre. The men also put cassowary quills through their noses, the snakeskin across their foreheads, a hornbill beak on their backs, kina shells around their necks, and a belt of pigtails to attract the ladies.

#### Kazakhs – Kazakhstan

The Kazakhs are a semi-nomadic tribe who have been travelling through the mountains and valleys of Kazakhstan since the 15th century. They are descendants of Mongols and other nomadic tribes of Central Asia and still hold onto traditions that are centuries old. Along with taming wild horses, one of their most famous ancient traditions is hunting with eagles. It is seen as the highest form of art and dedication. The annual Golden Eagle Festival sees wolf-skin clad Kazakhs take to the mountains on horseback and golden eagles soar into the skies in celebration of this unique heritage.

#### Gaúchos – South America

Galloping across the wild prairies of Argentina, Paraguay, Uruguay, Southeastern Bolivia, Southern Chile, and Southern Brazil are the gaúchos. These bombacha wearing free spirits are the cowboys of South America. They are bound to their horses and devoted to chasing the call of the wild (and wild cattle). They are famously brave, notoriously unruly, and renowned in legends and folklore. Gaúchos have existed for thousands of years and are one of the most romanticised cultures in the world.

-Sahil Pendelkar  
(NEWSCASTER)

Ref: [www.travelstart.co.ke](http://www.travelstart.co.ke)

### 8 Yummy Snacks For Your Diwali Party

- 1. Mirchi Vada:** Spicy green peppers are stuffed with aloo masala filling and deep fried. Serve the crispy delight With tomato chutney and enjoy the burst of flavours!
- 2. Hara Masala Kebab:** The tender and succulent vegetarian kebab made from green pieces, potatoes, spinach and Spices are party starters with the truest sense.
- 3. Aloo Bonda:** Deep fries potatoes mashed with salt. Chillies, coriander leaves and lemon juice, this diwali. Snacks taste best with tangy green chutney.
- 4. Moong dal samosa** At home and serve with fresh mint chutney as delicious and unique Diwali snack.
- 5. Murukku:** The popular crispy and delicious South Indian snack can break the monotony set by Diwali menu. A true festival treats!
- 6. Muktani Panner Tikha:** Soft paneer pieces are stuffed with a mushroom mixture, floated and coated in a besan batter and the fried or grilled till golden.
- 7. Papdi Chat:** Crispy fried disks slathered with sweetest curd, fresh made chutney and chaat masala, will leave you licking your fingers.
- 8. Muthiya:** Rajastani Muthiya blend some strong spices like clove, garam masala and garlic and does. Wonder for your immunity too. Diwali Bonus!



-Dhanashree Patil  
(NEWSCASTER)

Ref : [food.ndtv.com](http://food.ndtv.com)

### Here Are Some Super Creative Ways to Celebrate an Eco-Friendly Diwali 2020

2020 has been a very torturous year but the festivals have to be great this time. So, here are some creative ways to celebrate Diwali 2020.

Diwali is the most amazing time of the year. It comes loaded with a lot of vigour and happiness. Not only is it the festival of lights but it is also the festival of lives. It is like a grand celebration of each of our lives, the reward for the entire year of turmoil and hard work. Diwali is the best festival. The sound of the word itself can turn a gloomy person into a happy one.

But this year has been extra different. Well, everyone has been suffering from various issues due to the novel coronavirus and the pandemic and that is why we have some really cool ways that will help you celebrate Diwali creatively.

#### Say No to Crackers

We all witnessed how pollution levels decreased during the lockdown. The environment is our top priority and that is why we must take steps to protect it and prevent its depletion. The lockdown proved that there is still scope for us to prevent the decline of the environment as we saw so many endangered species of animals roaming here and there freely. Thus, we must not burn crackers this year and come out of our shell of pretence. Instead of burning crackers, we can play games with the entire family and even light up a paper lantern on Diwali to mark the entry of happiness in our life.

#### Make Organic Rangoli

So, the idea behind making rangoli was to feed insects and ground crawling animals. And that is why traditionally, the rangoli was made with edible items. The modern rangoli colours changed the entire scene and introduced chemically made sand colours for rangoli. If you don't want to go ahead with edible items to use for making rangoli in Diwali, then you can also buy organic rangoli colours that are not at all harsh and are totally free from chemicals.



-Rashi Walinjar  
(NEWSCASTER)

Ref : [www.herzindagi.com](http://www.herzindagi.com)

## **TRAVEL & TOURISM**

### **COME FALL IN LOVE WITH AGRA**



Situated on the banks of the river Yamuna, the magnificent beauty of Taj Mahal is what attracts everyone towards this city. Along with this white marble beauty, you will also come across many other historical forts and heritage places during your Agra tour. The city is one of the favourite tourist destinations and sees an approximate of 30,000 to 35,000 visitors per day from around the world. Since, Agra is located 206km south of India's capital city, Delhi; it has become a weekend getaway city for many living in and around Delhi-NCR.

#### **“The city of Taj Mahal, the monument of eternal love”**

Located on the banks of River Yamuna in Uttar Pradesh, Agra is a popular tourist destination as it is home to one of the 7 wonders of the world, the Taj Mahal. It is a sneak peek into the architectural history and legacy of the Mughal empire with two other UNESCO World Heritage Sites Agra Fort and Fatehpur Sikri. History, architecture, romance all together create the magic of Agra, and hence, makes for a must-visit for anyone living in or visiting India.

Agra is one of the most populous cities in Uttar Pradesh and 24th most populous city in India. With its long and rich history, it is no wonder that Agra forms part of the popular Golden Triangle Circuit for tourists along with Delhi and Jaipur. It is also a part of the Uttar Pradesh Heritage Arc including Varanasi and Lucknow. History fanatics and architecture buffs are sure to have a ball here with the sheer expanse of the Mughal art and culture on display.

Apart from its monuments, Agra has some exciting stuff for foodies. It is as famous for its Petha (a sweet made from pumpkin and flavoured with rose water and saffron) as it is for the Taj Mahal. Agra is also well known for its marble artefacts which are best bought in the Sadar Bazaar or Kinaari Bazaar area.

-Vedant Dalvi

(NEWSCASTER)

Ref: [www.holidify.com](http://www.holidify.com)

### **CITY OF JOY – KOLKATA**

Kolkata is 300 years old. Kolkata is the oldest major port in the country. It remains to be the capital of India till 1911 and also the main area for the activities of British. Kolkata was been selected as the trading center by the British. After the partition of India between India and Pakistan Kolkata became the capital of West Bengal. Now after a long time Kolkata had become a busy and flourishing town, the center of the cultural as well as the political and economic life of Bengal. There are many festivals which are celebrated in Kolkata that is Durga puja and Lakshmi puja..



#### **PLACES TO VISIT IN KOLKATA -**

**VICTORIA MEMORIAL** -The Victoria Memorial is a large marble building, which is considered to be the pride of Kolkata. Built between 1906 and 1921, it is dedicated to the memory of Queen Victoria. Now, it is a museum and a popular tourist spot under the Ministry of Culture.

**FORT WILLIAM KOLKATA**- Fort William is a fort built in Kolkata on the eastern banks of the River Hooghly, the major distributary of Ganges. The magnificent structure is spread over 70.9 acres and is embellished with hundreds of arched windows that overlook lush green gardens. Meticulous stonework adorns the surface of the building.

**HOWRAH BRIDGE** - Located over the Hooghly river in West Bengal, Howrah Bridge or the Rabindra Setu is the main connection between Howrah and Kolkata. It is a cantilever bridge and is regarded as one of the busiest ones among them.

#### **HOW TO REACH THERE-**

Kolkata has an efficient network of railways and is well linked to cities across the country. Superfast trains such as Rajdhani Express and Shatabdi Express connect Kolkata from Delhi and nearby places. There are two major railway stations in the city – one is located in Howrah and the other at Sealdah.

A uniquely important center of history, art, and culture in India, Kolkata is a city everyone ought to visit at some point. From the stunning colonial-era Victoria Memorial to the ever-busy Howrah Bridge, Kolkata's architecture will no doubt impress. With a variety of historic churches, synagogues, temples, old mansions and colonial buildings, Kolkata's structures pull off old-world charm unlike few other cities can. Kolkata is India's only city with an operating tram network. The oldest in all of Asia, Kolkata's tram system is a delightful and unique experience visitors are guaranteed to enjoy. Immersed in old-world charm and running through some of the most historic parts of the city, these charming rides are every bit worth a visit to Kolkata.

-Rachna Yadav

(NEWSCASTERS)

Ref: [www.traveltriangle.com](http://www.traveltriangle.com)

## SPORTS

## Women's T20 Challenge: Smriti Mandhana's Trailblazers beat 2-time champions Supernovas to win maiden title



Smriti Mandhana's Trailblazers beat Harmanpreet Kaur's Supernovas in the final, at the Sharjah Cricket Stadium, to seal their maiden Women's T20 Challenge title.

### HIGHLIGHTS

Salma Khatun's 3-wicket 19th over helped Trailblazers win the final against Supernovas

Smriti Madhana top-scored in the final with her 49-ball 68 in the 1st innings

Trailblazers won their maiden Women's T20 Challenge title against the 2-time champions

Smriti Mandhana's Trailblazers have won the final of the Women's T20 Challenge on Monday, November 9, on the eve of the IPL 2020 final. Trailblazers (118/8) beat the Supernovas (102/7) by 16 runs, in Sharjah, to win their maiden Women's T20 Challenge.

In their previous Women's T20 Challenge encounter, on November 7, Supernovas had secured a narrow win against Mandhana's side. Their superior NRR helped them trump Mithali Raj's Velocity in reaching the final of the 6-day T20 tournament.

Having won the toss and elected to field first, Harmanpreet Kaur's Supernovas were able to restrict the Trailblazers to a total of 118/8 despite skipper Smriti Mandhana's formidable 49-ball 68. Mandhana formed a solid opening partnership of 71 runs with West Indies' Deandra Dottin until the latter was dismissed by seasoned legspinner Poonam Yadav in the 12th over.

Until the point the left-handed opener of the Trailblazers was dismissed by seasoned spinner Shashikala Siriwardene, leaving the total at 101/2 in 14.5 overs, Mandhana's side were looking good for a defendable total. Smriti hit 5 fours and 3 sixes in her heroic half-century.

However, after the skipper's dismissal, wickets tumbled down for the Trailblazers with left-arm orthodox spinner Radha Yadav bagging 5 wickets to produce figures of 5/16 at the end of her 4 overs. After Richa Ghosh's dismissal for 10 runs, in the 18th over, the other 5 batsmen fell for single digits.

Chasing 119, Harmanpreet Kaur's side started looking shaky right from the start with their highest scorer of the tournament Chamari Athapaththu falling in the 2nd over, to Sophie Ecclestone, for just 6 runs. By the end of the 9th over, the top 3 were removed Deepti Sharma leaving the Supernovas at 37/3.

However, the 4th-wicket partnership of 37 runs between Captain Harmanpreet Kaur and the 35-year-old Siriwardene stabilised the chase for the 2-time champions. While Kaur kept it steady and slow, it was after Siriwardene's wicket that she rose to the occasion and seemed determined to take her team to their 3rd title.

The dew factor certainly came into play in the second half of Supernovas' chase and it was evident in their batting. The final thing was keeping their calm under pressure and much of it was depending on the captain, evidently limping, herself at the crease.

In fact, it wasn't the limping Harmanpreet but Anuja Patil who fell prey to a run out by Salma Khatun in her over. In the very second delivery, Harmanpreet was stunned by Khatun and she walked off with 30 runs off 36. Another nail in the coffin for the Supernovas in the same over, by Salma Khatun, came as Pooja Vastrakar fell for a golden duck leaving Supernovas to chase 24 runs in the final overs. Their chase came to an end at 102/7 in the 20th over with Mandhana's team winning by 16 runs.

-Gayatri Kelkar  
(NEWSCASTER)  
Ref: [www.indiatoday.in](http://www.indiatoday.in)

***SOCIAL ISSUES***

**Violence against Women – Let’s fight against violence**

Did you know that at least one in three women (35 per cent) will experience some form of violence during their lifetime - more than one billion women worldwide? Women have been the victims of violence all through the ages in all societies, cultures, regions and religious communities of the world.

From post Vedic period violence against women began to be practiced. The birth of the son came to be the occasion to rejoice and that of a girl of grief. Their personal freedom in respect of movement, dress, diet, marriage came to be dominated by men. Women also began to be enslaved. They were equated with cattle or commodities that could be sold and purchased. Thus, violence against women came to have a societal sanction. As the time progressed several ills began to creep up in the society. Apart from domestic violence, women are victim of public violence more often and more humiliating like gang rape etc. Rape is not just the act of individual man against a woman but also a show of patriarchal mindset. It has become an instrument and weapon to prevent women from raising their voice against atrocities.

The society need to be sensitized to the fact that women are not meant to be treated as doormat of punching bag. Women have to be aware of their rights and stand up to them. Women must help themselves and each other in the fight against violence. Attitudinal change is required right from the home to be able for women to stand with dignity in this world.



-Akanksha Vadvalkar  
(NEWSCASTER)  
Ref: www.oxfam.org

**LIFE OF DIGNITY!**



People say that we live in postmodern age that rejects metaphysics. That’s not quite true. we live in a postmodern age that promotes an alternative metaphysics. The transgender moment gives radical ideas about the human person. The rights which are given to us should be given to them too.

Perhaps, the state backed transgenders 'milk producers' cooperation officially opened doors in tamil nadu last month, providing 30 trans each with individual home, cow and a shared business venture.

As head of India's first dairy farm run by transgender women, Bhoomika has finally found security, having spent years as a beggar after fleeing parents who taunted their sari-wearing son. "We are still treated the same outside the dairy farm but inside I am able to lead a normal life, a life of dignity. I feel I belong," the 28-year-old exclaimed.

It is rare for India's estimated 2M trans population to find stable homes or incomes, with many forced to beg, made it hard to access education and jobs. Since India's Supreme Court gave trans people "third gender" recognition in 2014, a growing number of companies have actively hired trans people and adopted more inclusive policies, such as unisex toilets.

Then, after facing social exclusion ,they saved the farm near the area and named it as NANDURI. Grace Banu, who had been lobbying native officers for six years – without success – to offer housing for trans ladies within. After a huge struggle, bhoomika is confident about the farm. “This business has given us dignity,” she said. "We have been trusted with this work and we don't want to break that."

***WE ARE BEING TREATED EQUALSO THEY NEED TO BE. PROGRESS, LOVE, COMPASSION IS EQUAL TO ALL INCLUDING TRANSGENDERS.***

- Samakhiya Sahu  
(NEWSCASTER)  
Ref: www.indiatimes.com

**STUDENT'S SECTION**

**Riddles**

1. What goes up but never comes down?
2. What goes up but never comes down?
3. I am seen in the water and seen in the sky, I am in the rainbow, a jay's feather and lapis lazuli. What am I?
4. Squeeze me and I cry tears as red as flesh, but my heart is made of stone.
5. When it's alive we sing, when it is dead we clap our hands. What is it?
6. I'm so fast you can't see me, though everyone else can see straight through me. I don't stop until the day you die. What am I?
7. What is the longest word in the dictionary?
8. What word of five letters has only one left when two letters are removed?

- Jidnyasa Patil  
(NEWSCASTER)  
Ref :<http://riddles.com>

**Career in Human Resource Management**

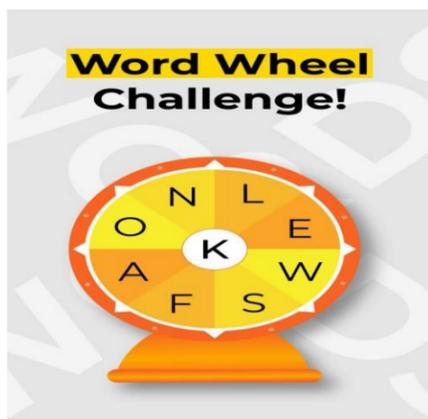
1. Courses in HRM  
This booming field has opened gates for plenty opportunities in the corporate sector and other industries as well. Let us take a look at various courses that you can pursue in the domain of Human Resource Management  
Diploma courses  
Undergraduate courses  
Postgraduate courses  
Doctoral courses

2. Career in HRM  
If you are planning to build a career in human resource management, then do not give it a second thought. It is the right decision because the specialization offers wonderful growth prospects in terms of the job designation and salary increment

3. Job opportunities in HRM  
HR Generalist  
HR recruiter  
HR specialist  
Compensation Manager  
Employee Relations Manager  
Training and Development Manager  
Change consultant  
Technical Recruiter

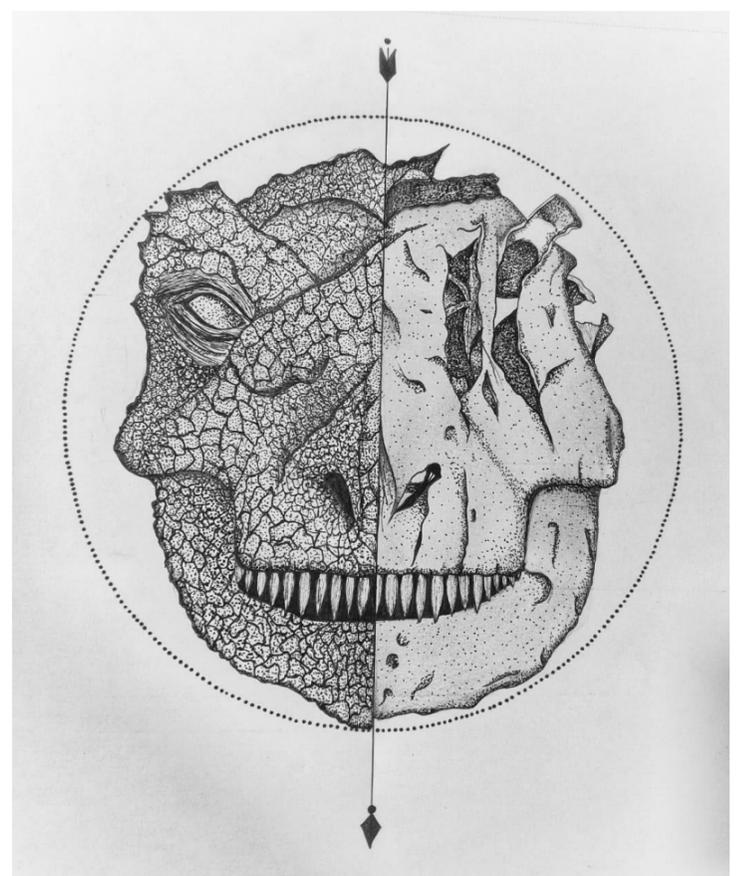
- Jidnyasa Patil  
(NEWSCASTER)  
Ref: <http://jagranjosh.com>

**Puzzle**



- Jidnyasa Patil  
(NEWSCASTER)  
Ref: <http://Activityvillage.co.in>

**ART BY STUDENT**



- Neha Jadhav

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