

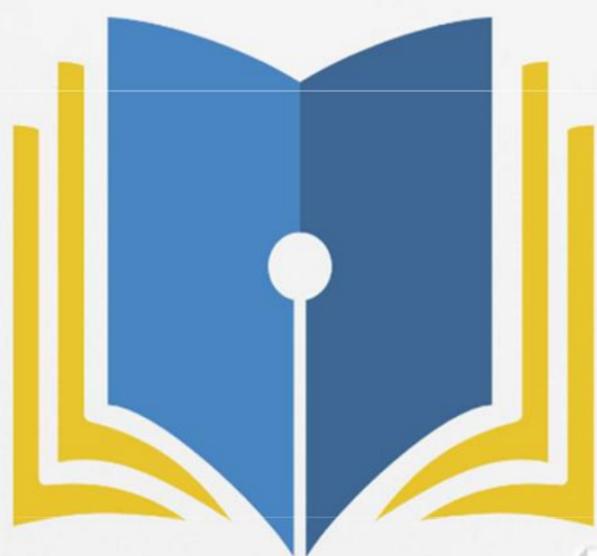


Chikitsak Samuha's
Sir Sitaram & Lady Shantabai Patkar College of Arts & Science
AND V.P.Varde College of Commerce & Economics
S. V. ROAD, GOREGAON (WEST), MUMBAI-400 104
(AN AUTONOMOUS COLLEGE AFFILIATED TO
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STAR SCHEME AWARDEE"



WEEKEND CHRONICLE

WINDOW TO YOUR
KNOWLEDGE



AN INITIATIVE BY
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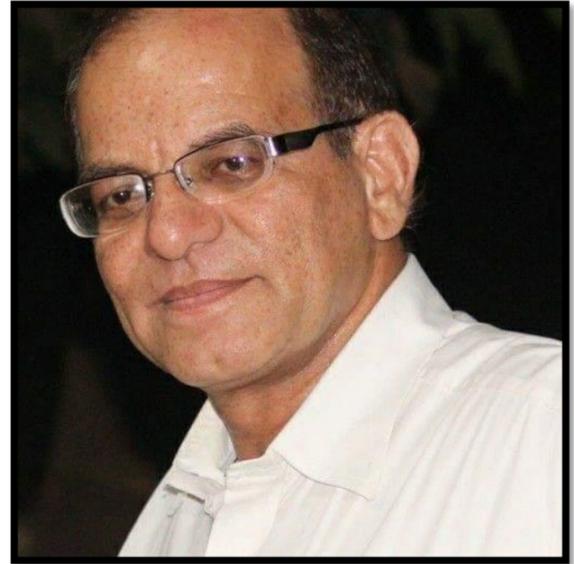
A MESSAGE FROM CHIEF EDUCATION OFFICER'S DESK

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 character and enhance employability of our young talented students to become globally competent. There is something for everyone here, right from the field 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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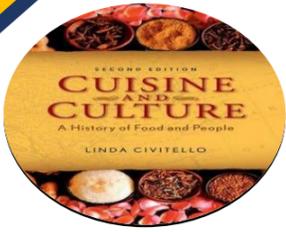
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BUSINESS**YES BANK SHARE FALLS AFTER TWO SESSIONS.**

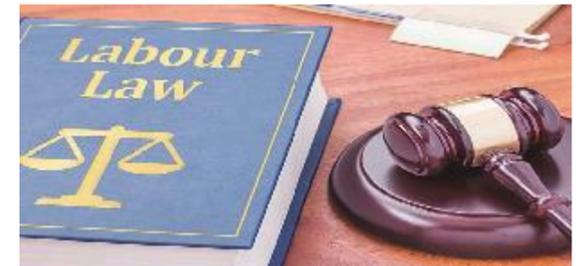
Shares of YES Bank were trading marginally lower in Tuesday's early session. The stock has fallen after 2 days of consecutive gain. The stock of private lender opened higher at Rs 17.10 against its previous close of Rs 17.05. The stock gained to day's high of Rs 17.15. Later, the stock erased gains and fell 1.7% to the intraday low of Rs 16.75. YES Bank stock trades higher than 5 and 100-day moving averages but lower than 20, 50 and 200-day moving averages. The share has fallen 6% in a month. Year-to-date, the stock is down 5%. However, it has risen 1.8% in one week. Market capitalisation of the lender fell to Rs 42,217.52 crore. The stock has touched a 52-week high of Rs 87.95 and a 52-week low of Rs 5.55. Share of the private lender, with Rs 2 face value has fallen 56% in one year. Last week, Emkay Research gave a 'Sell' rating to the stock and set a target price of Rs 11 for the share, given sub-par return ratios and unfavourable risk-reward with higher valuations.

"We believe that the transfer of NPAs to a separate ARC (somewhat similar to IDBI in 2003) probably means window dressing standalone bank B/sheet, but we need to see the extent of hair-cuts, structure of ARC and recovery record in the ARC, which is not inspiring in case of IDBI SASF," Emkay Research said in its report. Recently, ICICI Securities also said in its note that YES Bank's December-quarter earnings have aggravated fears of its asset quality issues and gave a "hold" rating on the stock with a revised price target of Rs 16. "The portfolio vulnerability becomes visible from, a spike in standstill non-performing loans or NPLs (from 1.5% to 5%), SMA-2 pool (from 2.4% to 4%), SMA-1 (from 1.6% to 7.3), and additional restructuring outside of this pool at 3.2% over and above the labelled non-performing assets at 22%," it added. Meanwhile, private banking index rose 1.35% today, in line with Sensex that rose 1.24% intraday. Sensex and Nifty continued hitting new all-time highs today. Both benchmarks hit fresh lifetime highs of 51,472 and 15,133 earlier today.

Rohit Pawar

(Newscaster)

Ref: https://m.businessstoday.in/story/four-day-work-week-reality-soon-govt-include-proposal-labour-codes/1/430702.html?utm_source=whatsapp&utm_medium=WAP

FOUR-DAY WORK WEEK TO BE REALITY SOON? GOVT TO INCLUDE PROPOSAL IN LABOUR CODES.

employees will have an option to work for four days a week in the country soon. The labour ministry has decided to allow companies to offer flexibility by incorporating changes in the labour codes. The government has clarified that companies may have the option to choose for a four-day week but employees will have to adjust to longer shifts.

Labour secretary Apurva Chandra has said many companies are interested in providing a four-day work shift. "We have tried to give flexibility in working days. It is entirely possible that some employers may want to provide a five-day week. We have also come across employers who said they are keen to provide a four-day working week," Chandra said, reported Business Standard.

He clarified that companies can't increase the working hours beyond the mandated 48-hour limit for the week. Companies enabling four-day workweek will have to provide three days of consecutive holidays after that, said Chandra. Companies will have the flexibility to either allow four, five or six-day workweek, he said, adding that companies and employees must agree to the four-day week schedule.

He said unions would oppose the move only if companies don't allow employees a three-day consecutive leave. Notably, the Centre had passed four labour codes in Parliament in September 2020, following draft rules formulated in December. The government received comments concerning these rules in January.

Chandra has said the ministry is giving final touches to the labour rules and that states are also coming with the draft of their own rules. Though India Inc has hailed the newly-enacted three labour codes, claiming it will spur much-needed investment and create more jobs in the country, some believe the law is tilted in favour of employers. The labour law reforms make hiring and firing easy for companies. It makes it difficult for unions to go on strike without prior 60-day notice. Experts say it will make the future uncertain for employees. Some, however, disagree saying millennials prefer easy and flexible employment terms.

Rohit Pawar

(Newscaster)

Ref: https://m.businessstoday.in/story/four-day-work-week-reality-soon-govt-include-proposal-labour-codes/1/430702.html?utm_source=whatsapp&utm_medium=WAP

ADVERTISMENT

BURGER KING STANDS AGAINST TV NEWS SENSATIONALISM IN NEW AD FILM.



Burger King stands against TV news sensationalism in new ad film

Burger King has released a new ad film taking a dig at television news and the way some reporters sensationalise everything. It features a new reporter standing outside the burger King store announcing the burger King Whopper. But he seems to be exaggerating, sensationalizing and sometimes, downright fictionalising the story of the Whopper.

His commentary is eerily similar to news coverage seen on a daily basis, and it is no coincidence. In typical Burger King style, his hilarious stock conceptualised by famous, leaps off of a strong cultural observation to convey that the Whopper is so more that it doesn't need any sensationalism.

Raj Kamble, founder and chief officer, said, "Authenticity is one of the core pillars of Burger King. Therefore, for the Whopper vs burger camping we saw an opportunity to have fun with recent TV news madness and make a point about our authentically good Whoppers."

BHAKTI MHATRE

(Newscaster)

Ref: <https://brandequity.economictimes.indiatimes.com/news/Advertising/burger-king-stands-against-tv-news-sensationalism-in-new-ad-film/80767827>

HDFC LIFE'S NEW DIGITAL FILM SALUTES THE INDIAN ARMY



HDFC Life, the insurance company, has rolled out a new digital film titled 'Sada Surakshit Rahe'. The campaign is based on the thought that as soldiers have taken up the duty to protect us, we must pledge to take up the duty to protect our loved ones by way of life cover.

The company believes that the Indian Army demonstrates values of strength, courage, discipline, and determination - placing their duty above everything. Just like the brave men and women who protect us, the campaign aims to encourage consumers to pledge to put their duty towards their families above everything else.

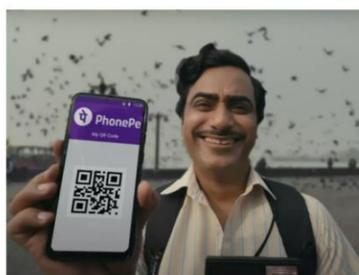
Created by Logicserve Digital, the film opens with scenes from a gruelling warzone, accompanied by shots depicting the army's rigorous training regimen, and march-past. The video is complemented by a track directed and sung by Ashim Kemson.

TUSHANT GUPTA

(Newscaster)

Ref: <https://brandequity.economictimes.indiatimes.com/news/advertising/hdfc-lifes-new-digital-film-salutes-the-indian-army/80788266>

PHONE PE ROLLS OUT NEW BRAND FILM AS AN ODE TO ITS USERS



PhonePe, the digital payments platform, has launched a new brand campaign titled 'Har phone pe PhonePe hai'. The campaign film is a real-life animation video set to a catchy tune, packed with pop-culture cues as a salute to their users.

Conceptualised by Leo Burnett Mumbai, the campaign showcases the myriad ways in which Indians have welcomed PhonePe into their lives and onto their phones - such as transferring money safely, paying bills, making contactless payments, buying gold, investing in mutual funds or insurance, or even booking a gas cylinder, all on PhonePe from anywhere, is a reminder of how we are always moving forward in our lives.

Richa Sharma, director, brand marketing, PhonePe, said, "The inspiration of the campaign is the life role that PhonePe plays for our users all over the country. This film gives voice to their little moments of forward motion that we recognise as progress. We decided to break away from conventional storytelling formats to infuse this piece with the quirk we hope our audiences will enjoy."

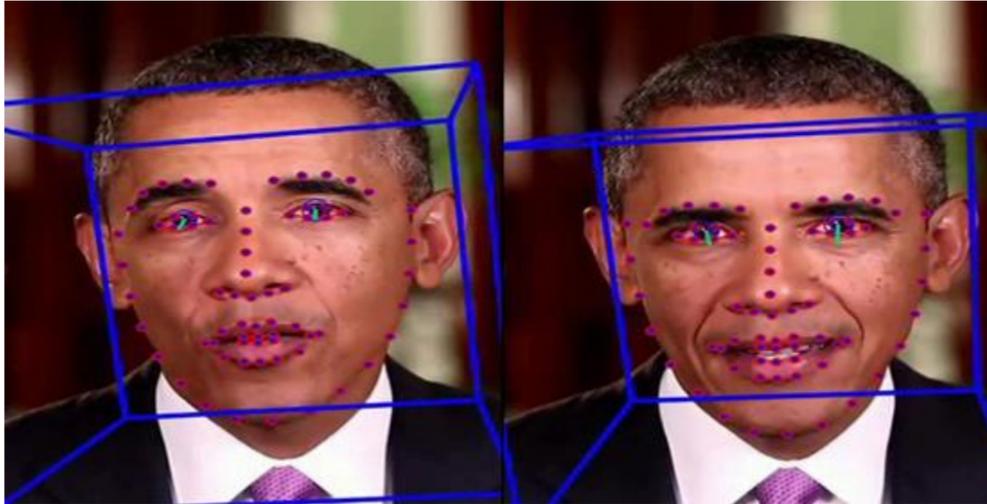
Abhishek Kanojiya

(Newscaster)

Ref: ETBRANDEQUITY

INFORMATION & TECHNOLOGY

DEEP FAKE DETECTORS CAN BE DEFEATED, COMPUTER SCIENTIST SHOW FOR THE FIRST TIME



Researchers showed detectors can be defeated by inserting inputs called adversarial examples into every video frame. The adversarial examples are slightly manipulated inputs which cause artificial intelligence systems such as machine learning models to make a mistake. In addition, the team showed that the attack still works after videos are compressed. "Our work shows that attacks on deep fake detectors could be a real-world threat," said Shehzeen Hussain, a UC San Diego computer engineering Ph.D. student and first co-author on the WACV paper. "More alarmingly, we demonstrate that it's possible to craft robust adversarial deep fakes even when an adversary may not be aware of the inner workings of the machine learning model used by the detector." In deep fakes, a subject's face is modified in order to create convincingly realistic footage of events that never actually happened.

As a result, typical deepfake detectors focus on the face in videos: first tracking it and then passing on the cropped face data to a neural network that determines whether it is real or fake. For example, eye blinking is not reproduced well in deepfakes, so detectors focus on eye movements as one way to make that determination. State-of-the-art Deepfake detectors rely on machine learning models for identifying fake videos. The extensive spread of fake videos through social media platforms has raised significant concerns worldwide, particularly hampering the credibility of digital media, the researchers point out. "If the attackers have some knowledge of the detection system, they can design inputs to target the blind spots of the detector and bypass it," said Paarth Neekhara, the paper's other first coauthor and a UC San Diego computer science student.

Ajay Lovekar
(Newscaster)

Ref: <https://www.sciencedaily.com/releases/2021/02/210208161927.htm>

WEARABLE DEVICES CAN DETECT COVID-19 SYMPTOMS AND PREDICT DIAGNOSIS, STUDY FINDS



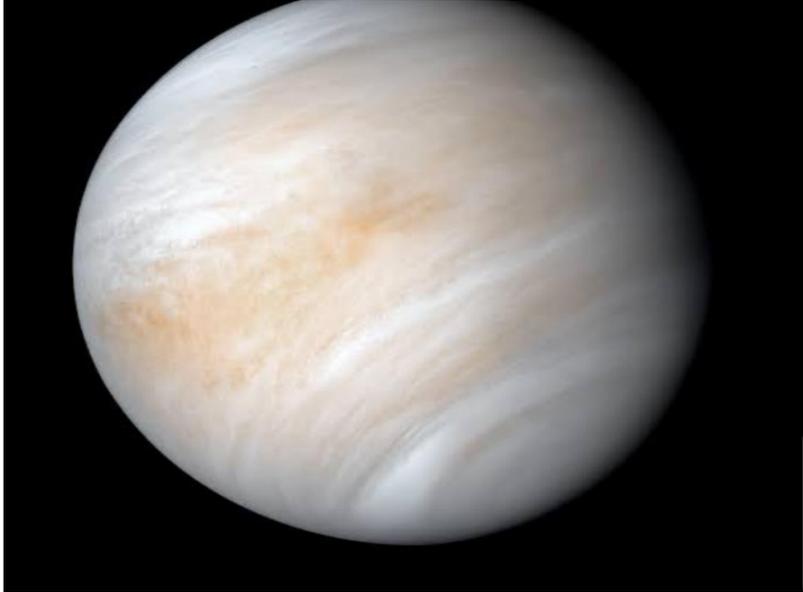
The Warrior Watch Study found that subtle changes in a participant's heart rate variability (HRV) measured by an Apple Watch were able to signal the onset of COVID-19 up to seven days before the individual was diagnosed with the infection via nasal swab, and also to identify those who have symptoms. "This study highlights the future of digital health," says the study's corresponding author Robert P. Hirten, MD, Assistant Professor of Medicine (Gastroenterology) at the Icahn School of Medicine at Mount Sinai, and member of the Hasso Plattner Institute for Digital Health at Mount Sinai and the Mount Sinai Clinical Intelligence Center (MSCIC). "It shows that we can use these technologies to better address evolving health needs, which will hopefully help us improve the management of disease.

Our goal is to operationalize these platforms to improve the health of our patients and this study is a significant step in that direction. Developing a way to identify people who might be sick even before they know they are infected would be a breakthrough in the management of COVID-19." The researchers enrolled several hundred health care workers throughout the Mount Sinai Health System in an ongoing digital study between April and September 2020. The participants wore Apple Watches and answered daily questions through a customized app. Changes in their HRV -- a measure of nervous system function detected by the wearable device -- were used to identify and predict whether the workers were infected with COVID-19 or had symptoms. Other daily symptoms that were collected included fever or chills, tiredness or weakness, body aches, dry cough, sneezing, runny nose, diarrhea, sore throat, headache, shortness of breath, loss of smell or taste, and itchy eyes.

Additionally, the researchers found that 7 to 14 days after diagnosis with COVID-19, the HRV pattern began to normalize and was no longer statistically different from the patterns of those who were not infected.

Ajay Lovekar
(Newscaster)

Ref: <https://www.sciencedaily.com/releases/2021/02/210208185112.htm>

SCIENCE & SPACE**HOT, FIERY VENUS**

Venus is the second planet from the sun and except for the moon it is our closest neighbor in space. After the sun and the moon it is the brightest thing you can see in the sky especially just before sunrise and after sunset. Venus is almost same size as earth but it is completely different world its surface is boiling hot and its atmosphere is thick and poisonous. Erupting volcanoes send rivers of lava (molten rocks) across Venus the lava fills in most of the planet's craters because of this Venus does not have as many craters as Mercury. The first spacecraft that landed on Venus were destroyed by its crushing atmosphere. Later space probes such as Magellan used radar (radio signals) to see through the clouds and make maps of the planet. Most of Venus' atmosphere is made from gas called carbon dioxide. Chemical reactions between the atmosphere and the surface make clouds of choking sulfuric acid which falls on the planet as acid rain. A growing body of research suggests the planet Venus may have had an Earth-like environment billions of years ago, with water and a thin atmosphere. Yet testing such theories is difficult without geological samples to examine. The solution, according to Yale astronomers Samuel Cabot and Gregory Laughlin, may be closer than anyone realized. Cabot and Laughlin say pieces of Venus -- perhaps billions of them -- are likely to have crashed on the moon. A new study explaining the theory has been accepted by the Planetary Science Journal.

The researchers said asteroids and comets slamming into Venus may have dislodged as many as 10 billion rocks and sent them into an orbit that intersected with Earth and Earth's moon. "Some of these rocks will eventually land on the moon as Venusian meteorites," said Cabot, a Yale graduate student and lead author of the study.

Facts : Venus's atmosphere blocks out blue light. Therefore, if you were standing on Venus, the sky would look red.

Rishil Shetty

(Newscaster)

Ref: Encyclopedia of space

**LARGEST SEA ON THE
SATURN'S MOON TITAN**

NASA's epic Cassini mission at Saturn is still generating valuable scientific data more than three years after its demise. Data from one of the spacecraft's last flybys of Titan, a large moon with the precursors of life's chemistry, reveals that a huge lake on the surface called Kraken Mare is more than 1,000 feet (300 meters) deep — that's roughly the equivalent of the height of New York City's Chrysler Building. In fact, the lake is so deep that Cassini's radar couldn't probe all the way to the bottom. Understanding the depth and composition of Kraken Mare will gradually reveal more about Titan's mysterious chemistry, dominated by ethane and methane that collects in pools, lakes and rivers on the surface, researchers said.

"Kraken Mare ... not only has a great name, but also contains about 80% of the moon's surface liquids," study lead author Valerio Poggiali, a research associate at the Cornell University, said. Cornell University astronomers have estimated that sea to be at least 1,000-foot deep near its centre -- enough room for a potential robotic submarine to explore. University Centre for Astrophysics and Planetary Science, said in a university statement. The depth and composition of each of Titan's seas had already been measured, except for Titan's largest sea, Kraken Mare -- which not only has a great name, but also contains about 80% of the moon's surface liquids," said lead author Valerio Poggiali, research associate at the Cornell Center for Astrophysics and Planetary Science (CCAPS).

While Cassini cruised at 13,000 mph nearly 600 miles above Titan's surface, the spacecraft used its radar altimeter to measure the liquid depth at Kraken Mare and Moray Sinus, an estuary located at the sea's northern end. Earlier scientists had speculated that Kraken may be more ethane rich, both because of its size and extension to the moon's lower latitudes. The observation that the liquid composition is not markedly different from the other northern seas is an important finding that will help in assessing models of Titan's Earth-like hydrologic system.

Kshitij Shirodkar

(Newscaster)

Ref: <https://indianexpress.com/>
<https://www.sciencedaily.com/>

NATURE

GREEN EXERCISE



A systematic review of studies comparing indoor versus outdoor activity conducted in natural environment suggests that outdoor activity which is conducted in a natural or green environment causes greater feelings of revitalisation and positive engagement.

All types of green exercises (Green exercise refers to physical exercise undertaken in natural environments) improve self-esteem and negative mood subscales, such as tension, anger and depression. Interestingly, the first five minutes of green exercise appears to have the biggest impact on mood and self-esteem, suggesting an immediate psychological health benefit.

Participating in green exercise activities also affects physiological parameters which differ to the changes observed in matched activity in an urban environment. Physiological outcomes have included heart rate, blood pressure and autonomic control (using heart rate variability) and endocrine markers including noradrenaline, adrenaline and cortisol (an objective measure of stress).

There is even some evidence to suggest that exercise may feel easier when performed in the natural environment. When allowed to self-select walking speed, participants tend actually to walk faster outdoors, compared to indoors.

To summarise, outdoor natural environments may provide some of the best all-round health benefits by increasing physical activity levels with lower levels of perceived exertion, altering physiological functioning including stress reduction, restoring mental fatigue, and improving mood and self-esteem and perceived health. Thus, exercise within green spaces and the great outdoors may be a useful natural medicine

Nature nurtures us

Connecting with nature is paramount to our overall health and well-being. In fact, based on recent studies that show we possess an inherent attraction toward nature, city planners are now putting more emphasis on creating functional green spaces.

Researchers hypothesize that, because our hunter-gatherer ancestors existed for thousands of years in outdoor environments, we present-day humans share an innate affiliation with nature.

The problem is that we now spend less time outdoors interacting with the natural world even though our brains are hardwired for it. Outdoor workouts allow us to reconnect with nature while providing numerous benefits.

Benefits of outdoor exercise

Stress reduction and improved mindset

Green exercise refers to physical activity that takes place outdoors in natural environments. Studies have shown that it contributes to decreased tension, confusion, and anger. Even looking at green space can decrease the stress-related hormones cortisol and adrenalin.

Exposure to natural sunlight combined with physical activity is thought to increase serotonin levels in our bodies, which can improve feelings of well-being and happiness. Serotonin is a mood-enhancing chemical, and a deficiency has been linked to depression, anxiety, fatigue, and impaired cognitive function.

As our world becomes busier, we typically experience more stress and have less time available for physical activity. In 2013, Canadians aged 15 and older described most of their days as being “extremely stressful.” Dedicating time each week to exercising outdoors will alleviate stress on busy days and actually improve mental well-being and self-esteem, and may even help fight depression.

FACTS: 1. People who don't regularly exercise may lose up to 80% of their muscle strength by age 65.

2. Regular exercise has been shown to help lower blood pressure and cholesterol levels, two major risk factors for heart disease.

Bhumika Mhatre

(Newscaster)

Ref: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3710158/#!po=32.3529>

RESEARCH

REJECTION AND PHYSICAL PAIN ARE THE SAME TO YOUR BRAIN



We all know that rejection hurts, but neuroscience has concluded that it does in fact, literally, hurt. While the brain does not process emotional pain and physical pain identically, the reaction and cascading events are very similar, and a natural chemical (painkiller mu-opioid) is released during both events. For example, when someone feels physical pain, opioids are released in the brain so that the significance of the pain is inhibited. We now know this same experience occurs when an individual feels slighted or rejected by others.

Despite emotional wounds being invisible, anguish, distress and stress are becoming more and more common. As we are now rejected frequently with small snubs like unfollowing on Twitter, swiping left on Tinder, not liking an Instagram post, not matching on a dating site or being alone during the holidays, these emotions are felt more often. Social media and constant contact to millions of people at any moment—although further distances between personal connections—inherently mean that more people can reject us, even if it's as small as not liking our social media post when we liked theirs.

Research out of the University of Michigan suggests that not only does the brain process rejection like it does physical injury, but that personality traits such as “resilience” are vital to how we process pain. The brain's natural painkilling response varies between humans, with some releasing more opioids during social rejection than others, meaning that some have a stronger—or more adaptive—protective ability. When mu opioid is released, there is a trigger in two areas of the brain: One (the amygdala) processes the strength of the emotion, and the other (the pregenual cingulate cortex) determines how your mood changes because of the event. Therefore, the more opioid released, the greater reduction in pain—and possibly a greater experience of pleasure when someone feels that they've been socially accepted or validated.

According to research from Case Western Reserve University, exposure to rejection led participants in a study to have an immediate drop in reasoning by 30% and in IQ by 25%. It was also determined that feelings of rejection led participants to become more aggressive and exhibit less self-control.

It is also important to remember that we recall emotional rejection more strongly than physical pain, and it can therefore cause longer-term sensitivity. When this happens, seek out validation and reminders of the positive impact we have on others or who cares about us. During the holidays, this can mean making proactive plans with friends or reaching out to those we love but are often too busy to connect with closely. Most importantly, it is important to allow the feelings to be processed and respected, but not to assign too much value to them, as they will subside, and our bodies will cope with emotional rejection over time, just as it does physical pain.

Pooja Mishra

(Newscaster)

Ref: <https://www.forbes.com/sites/nicolefisher/2015/12/25/rejection-and-physical-pain-are-the-same-to-your-brain/>

ACADEMICS

TAKING TEACHER COACHING TO SCALE

Historically, PD has been dominated by daylong seminars that took teachers out of the classroom and delivered the same tips and tricks to an entire department, grade level, or school. But as research has found, these programs to have little or no effect on teacher quality. Some training has shifted to a customized, smaller-scale approach: instructional coaching, whereby an expert mentor works one-to-one with teachers to provide a steady stream of feedback and suggest new techniques based on frequent classroom observations. By the 2015–16 school year, 27 percent of public K–12 schools reported having a reading coach on staff, 18 percent had a math coach, and 24 percent had a general instructional coach, according to the National Teacher and Principal Survey.

Researchers have studied individualized coaching programs for decades, but only began to evaluate their effects using randomized control trials in the last dozen years. We set out to examine what this growing literature now says about the efficacy of teacher coaching as a development tool. Does one-to-one coaching help teachers get better? If so, how powerful a strategy might this be to improve teacher practice and student outcomes. Our analysis of results from across 60 studies found that coaching works. With coaching, the quality of teachers' instruction improves by as much as—or more than—the difference in effectiveness between a novice and a teacher with five to 10 years of experience, a more positive estimated effect than traditional PD and most other school-based interventions. However, larger coaching programs are less effective than smaller ones, raising questions about whether coaching can be brought to scale in a way that preserves its impact.

Teacher Development Gets Personal

Public school systems in the United States spend billions of dollars annually on PD to help teachers meet the diverse needs of their students—with limited results. Most PD remains of the “sit and get” variety: one-off workshops delivered to large groups, with little obvious connection to the needs of individual teachers or classrooms. Rigorous studies find that PD programs more often than not fail to produce systematic changes in teachers' instructional practice, much less improvements in student achievement, especially when implemented at scale. Yet expectations for teachers have grown in recent years, as states have adopted new college- and career-ready standards and as education agencies increasingly emphasize the importance of balancing expert content delivery with nurturing the social-emotional skills that are also important for students' lifelong success. Taken together, teachers' expected roles range from content expert, curriculum developer, and pedagogue, to social worker, psychologist, mentor, and motivator. Every teacher has dimensions of this interrelated skill set on which they can improve—a complex and dynamic reality reflected in the one-to-one coaching model, which seeks to align the support provided to individual teachers to their unique challenges and needs. Most teacher-coaching programs share several key features, but no one set of features defines all coaching models. In our review of the literature, we encountered multiple, sometimes conflicting, definitions of teacher coaching. Some envision coaching as a form of implementation support to ensure that new teaching practices or teaching materials—often introduced in an initial group training session—are executed with fidelity. Others see coaching as a tool that enables teachers to learn and apply new pedagogical practices to support student learning. The role of the coach may be performed by a range of personnel, including administrators, master teachers, curriculum designers, external experts, and other classroom teachers.

Synthesizing this body of theoretical work, we characterize coaching as an observation and feedback cycle in which coaches model research-based practices and work with teachers to incorporate these practices into their classrooms. In contrast to traditional PD, coaching is intended to be individualized, time-intensive, sustained over the course of a semester or year, context-specific, and focused on discrete skills. Coaches engage in a sustained professional dialogue with teachers focused on developing skills to enhance their classroom practice; ideally, the specific skills targeted for development differ based on individual teacher needs.

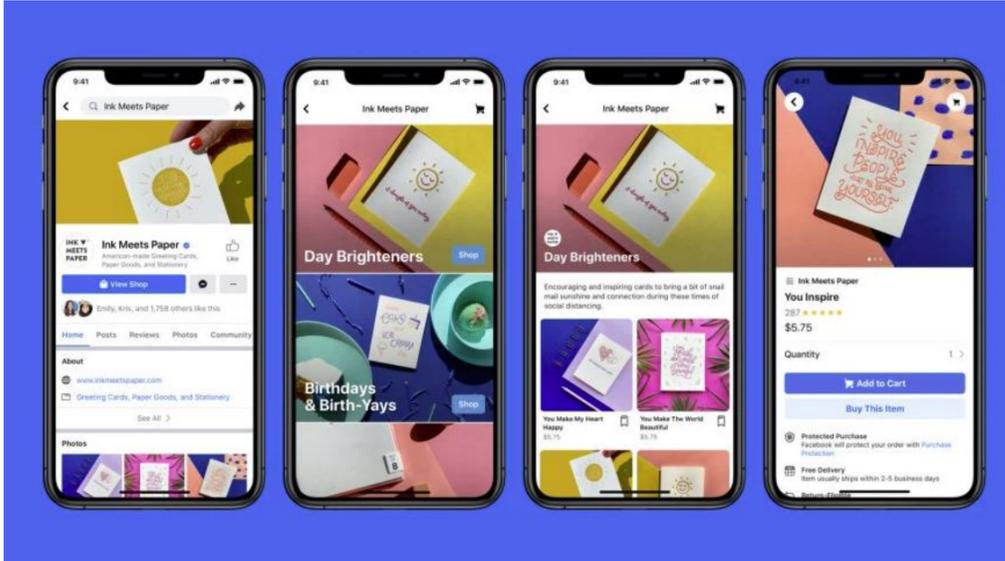
Looking Ahead

We see real potential for coaching programs to innovate and address many of these challenges. As an inherently customizable intervention, coaching may be well suited to meeting a variety of teacher-development needs. For example, new technologies are powering distance or virtual programs, which draw on coaches from afar to provide specialized development to teachers in small and rural districts who may not ordinarily be partnered with instructional experts in their specific grades and subject areas. Ultimately, strengthening the teacher workforce will require improving the classroom performance of individual teachers. Given the decades of investment in traditional PD for relatively small returns, policymakers and educators should support innovation in this sector.

Kapil Pandey

(Newscaster)

Ref: -<https://www.educationnext.org/taking-teacher-coaching-to-scale-can-personalized-training-become-standard-practice/>

MEDIA**FACEBOOK ANNOUNCES 'SHOPS' FOR FACEBOOK AND INSTAGRAM**

After years of working around the edges, and trying to find ways to make a bigger dip into eCommerce, the COVID-19 pandemic has finally given Facebook the push it needs to take the next major step.

Facebook has finally launched 'Shops' on both Facebook and Instagram.

As explained by Facebook: "Facebook Shops make it easy for businesses to set up a single online store for customers to access on both Facebook and Instagram. Creating a Facebook Shop is free and simple. Businesses can choose the products they want to feature from their catalogue and then customize the look and feel of their shop with a cover image and accent colours that showcase their brand. This means any seller, no matter their size or budget, can bring their business online and connect with customers wherever and whenever it's convenient for them."

The process works like this: Soon, Facebook will provide eligible businesses with a link to a new 'Shop Builder' platform, an extension of your existing Facebook Page tools. From the Shop Builder, businesses will be able to upload their product listings one-by-one, or connect to their existing eCommerce provider in order to stream through their current catalogue - Facebook's working with Shopify, BigCommerce, WooCommerce, ChannelAdvisor, CedCommerce, Cafe24, Tienda Nube and Feedomics to facilitate this process.

Facebook's also testing ways to connect customer loyalty programs - and even help SMBs build loyalty schemes - within the new shopping options, providing more ways for businesses to establish ongoing connection with their audiences.

Facebook launched a pilot program of this new process with Sephora back in March, providing another way to connect a brand's existing data profile on its customers with their Facebook identity - thereby facilitating new ways incentivize on-platform shopping activity, while also helping businesses better target their offerings to each person.

If Facebook Shops are, in fact, easy for businesses to create, and they provide a great customer experience, they could be massive, and cause a major shift in the online commerce space. Going on what we can see, this looks likely, which will have immediate implications for brands, but also, wider reaching impacts on the broader online marketplace. There's going to be a lot more direct buying options, and a lot more brands competing for your attention on such in and around your news feeds.

Vedang Khopkar

(Newscaster)

Ref: socialmediatoday.com

EXPOSURE TO OPPOSING VIEWS ON SOCIAL MEDIA CAN INCREASE POLITICAL POLARIZATION**SOCIAL MEDIA
&
POLITICAL
POLARIZATION**

Significance: Social media sites are often blamed for exacerbating political polarization by creating "echo chambers" that prevent people from being exposed to information that contradicts their preexisting beliefs. We conducted a field experiment that offered a large group of Democrats and Republicans financial compensation to follow bots that retweeted messages by elected officials and opinion leaders with opposing political views. Republican participants expressed substantially more conservative views after following a liberal Twitter bot, whereas Democrats' attitudes became slightly more liberal after following a conservative Twitter bot—although this effect was not statistically significant. Despite several limitations, this study has important implications for the emerging field of computational social science and ongoing efforts to reduce political polarization online.

Abstract: There is mounting concern that social media sites contribute to political polarization by creating "echo chambers" that insulate people from opposing views about current events. We surveyed a large sample of Democrats and Republicans who visit Twitter at least three times each week about a range of social policy issues. One week later, we randomly assigned respondents to a treatment condition in which they were offered financial incentives to follow a Twitter bot for 1 month that exposed them to messages from those with opposing political ideologies (e.g., elected officials, opinion leaders, media organizations, and nonprofit groups). Respondents were resurveyed at the end of the month to measure the effect of this treatment, and at regular intervals throughout the study period to monitor treatment compliance. We find that Republicans who followed a liberal Twitter bot became substantially more conservative posttreatment. Democrats exhibited slight increases in liberal attitudes after following a conservative Twitter bot, although these effects are not statistically significant. Notwithstanding important limitations of our study, these findings have significant implications for the interdisciplinary literature on political polarization and the emerging

Vishaka Ipte

(Newscaster)

REF: https://www.pnas.org/content/115/37/9216?mod=article_inline

ARTS & HISTORY

BATTLE OF SINHAGAD

The Battle of Sinhagad took place during the night on 4 February 1670 on the fort of Sinhagad (then known as KONDANA after the sage Kaundinya , near the city of Pune, Maharashtra, India.

The battle was fought between Tanaji Malusare, commander of the Maratha Empire under Shivaji. and UdayBhan Singh Rathore, a Rajput fort keeper under Jai Singh I who worked for the Mughal emperor Aurangzeb.

Sinhagad was one of the first forts which Chatrapati Shivaji re-captured from the Mughals. The capture was made possible by scaling the walls at night with ladders made of rope. A fight followed in which Tanhaji was killed but the fort was won. The battle and Tanhaji's exploits are still a popular subject for Marathi ballad.

During the siege, Malusare scaled a steep cliff that led to the fort through the assistance of a monitor lizard called Yashwanti (also referred to as ghorpad in marathi).[unreliable source?] This type of lizard was tamed since the 15th century and Yashwanti was trained to pull the rope up the cliffs for Malusare and wind it around the fort's bastion. Climbing up the fort, the Marathas were intercepted by the garrison and combat ensued between the guards and the few infiltrators that had managed to climb up by this time. Udaybhan and Tanaji engaged in single combat. Udaybhan struck and broke Tanaji's shield to compensate for which he wrapped his turban cloth on his forearm and continued the battle, shortly afterwards Tanaji cut his forearm.[original research?] Both were killed in the battle but the overwhelmed Maratha forces managed to capture the fort after the reinforcements penetrated the gateway of the fort from another route.

It is said that when Shivaji got the information about the victory but Tanaji lost his life during the battle he exclaimed "Gad ala pan sinh gela" (The fort has been captured but we lost the lion). A bust of Tanaji Malusare was established on the fort in the memory of his contribution to the battle .The fort was also renamed Sinhagad to honor his memory.

Swarangi Raorane

(Newscaster)

Ref: [Wikipedia.in](https://en.wikipedia.org/wiki/Battle_of_Sinhagad)

INTERIOR DESIGN

Interior design is the art and science of enhancing the interior of a building to achieve a healthier and more aesthetically pleasing environment for the people using the space. An interior designer is someone who plans, researches, coordinates, and manages such enhancement projects. Interior design is a multifaceted profession that includes conceptual development, space planning, site inspections, programming, research, communicating with the stakeholders of a project, construction management, and execution of the design.

In the past, interiors were put together instinctively as a part of the process of building.

The profession of interior design has been a consequence of the development of society and the complex architecture that has resulted from the development of industrial processes.

Interior design has become the subject of television shows. In the United Kingdom, popular interior design and decorating programs include 60 Minute Makeover (ITV), Changing Rooms (BBC), and Selling Houses (Channel 4). Famous interior designers whose work is featured in these programs include Linda Barker and Laurence Llewelyn-Bowen. In the United States, the TLC Network aired a popular program called Trading Spaces, a show based on the UK program Changing Rooms. In addition, both HGTV and the DIY Network also televise many programs about interior design and decorating, featuring the works of a variety of interior designers, decorators, and home improvement experts in a myriad of projects.

Swarangi Raorane

(Newscaster)

Ref: [wikipedia.in](https://en.wikipedia.org/wiki/Interior_design)

LIBRARY**FEBRUARY AND PURIFICATION**

February has a history of being a month for purification and cleansing. The Roman's annual calendar considered February as the end of the year because March, being spring, was the rebirth of the year! Februs was the God of purification and many festivals and feasts were held in his honor in February, hence the origin of the name for this month. It was believed that purification made way for fertility and creativity, known today as spring cleaning. February was the name given to some of these festivals.

At this time of year, we are starting to feel the restlessness in the season. We are once again ready to emerge from our state of rest and rejuvenation from the long winter. Our plans for the year are taking root and will soon blossom. We are planning home repairs, family vacations, work projects and more. But wait! There is still time to rest! Don't rush the silent evenings yet. Stay in and recuperate with family before we take off in the spring! Think about the God Februs and continue to purify your mind, body, and spirit. Drink tea, read books, take slow winter walks and go to bed early. We will emerge soon enough with the spring and be a busy as bees!

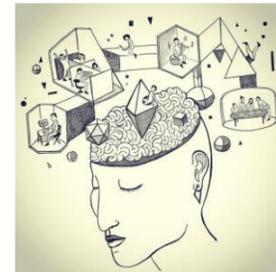
Fit in that spa day with a friend or even your Valentine! Take one more day this winter to rest with a massage, facial or body treatment to purify your stress for the spring.

Our February specials include an indulgent Wine and Cherry Chocolate Facial filled with purifying antioxidants, our Wine and Peptide body wrap will cleanse and soothe your skin from head to toe and our Candlelit Couples Massage with Chocolate and Champagne will restore your body with relaxation and stress reduction.

Vaibhavi Nijampurkar

(NEWSCASTER)

Ref: <https://brennanspa.com>

PSYCHOLOGICAL SPACE

With most of our lives spent indoors, the space we occupy has a major role in our psychological behavior. Environmental psychology or Space psychology is, in fact, the interaction between people and the spaces they inhabit. Lighting, colors, configuration, scale, proportions, acoustics, and materials address the senses of the individual and generate a spectrum of feelings and practices. From inducing warmth and safety, defining well-being, or creating a positive and efficient working environment, space can have a whole lot of impact on how we act or on what we feel; therefore, design and creative measures should be considered according to the social and psychological needs of the occupants.

Psychology of space is in fact the study of human relations and behaviors within the context of the built and natural environments" according to Dave Alan Kopec, specialist in the field and professor at the New School of Architecture and Design in San Diego. Having a direct impact on your subconscious, contributing to your emotions and perceptions, through that special part of your brain that reacts to the geometry of the space you occupy, interior design became an inherent part of people's psychology. Though it is not the only factor involved, interior space has big implications, and it is the architect's responsibility to shape tangible solutions for users and incorporate these ideas into the structure. With the rise of functionality in the last decades, space became a mere reflection of the program it holds. People were stacked in boxes to produce and feed into a consumer-oriented society. In fact, this idea of just cramming individuals in any place started as the industrial revolution brought flux of people into non-equipped cities. Homes and jobs were oriented towards fast-paced-production. Usage of space and the psychological understanding behind it came later on in the future.

Kavita Shirsat

(Newscaster)

REF: https://www.archdaily.com/?ad_name=small-logo

FOOD & HEALTHCARE

7 DELICIOUS THINGS TO COOK IN FEBRUARY

1. Orange Glazed Chicken

Oven-Baked or grilled, this incredibly easy glazed chicken is what dinner is all about! It takes a piece of chicken from a boring lean meat to a juicy, flavorful main dish.



2. Queso Chicken Chili

Creamy and spicy, this Queso Chicken Chili is slow cooked with cream cheese, then piled with shredded cheddar just before serving. Rich and delicious, it's a fantastic twist on a familiar favorite. Perfect for weeknight dinners, we also think this meal makes a perfect party food.



3. Baked Chipotle Burritos

These chipotle chicken burritos are just as quick and easy as you'd expect a burrito to be, but when you crisp them up in the oven, they're so much better than an ordinary burrito.

4. Tomato Basil Chicken Fettucine

This simple, delightful dinner comes together in a flash. The tomatoes and basil bring in fresh flavors, and the juices from the tomatoes paired with the melted butter make an amazing sauce for the fettucine.

5. Zuppa Toscana Soup

This zuppa tuscana soup is comfort food at it's best, and everyone will love this easy homemade version. In less than 30 minutes you'll have a tasty meal on the table, and that's the way a quick weeknight dinner should be

6. Italian Drunken Noodles

There's everything to love about these saucy, Italian "drunken" noodles.

7. Kouign Amann

Traditional Kouign Amann pastry takes hours to make, but this easy recipe takes just under 30 minutes! Brew up a cup of coffee or tea to have with this incredibly yummy, flaky pastry!

Ankana Mitra
(Newscasters)

Ref: <http://www.goodcook.com/7-delicious-things-to-cook-in-february/>

SEASON OF AMLA



What is Amla, Indian Gooseberry: A native of India, amla is the round-shaped, vertical-striped fibrous fruit of the deciduous tree "Euphorbiaceae". It is greenish-yellow in colour and has a distinctive sour flavour, which nevertheless lends itself well to many culinary uses. With cooling and antioxidant properties, amla is also used extensively in Indian medicine for treating a variety of conditions ranging from hair loss and indigestion to inflammation and dry cough.

There are four types of amla found in India. They are:

Banarasi: A variety of amla that matures earlier than other varieties, but also has a shorter shelf life. It is not used much for culinary purposes.

Chakaiya: It yields heavily every alternate year, and has fibrous and smaller fruits compared to other varieties of amla. However, there are some less fibrous varieties of the small Chakaiya amla, which are popularly used for making candies and preserves.

Francis: Certain varieties of the Francis or Hathijhool amla give high yields, and frequently too, which makes them a favourite choice with manufacturers of amla based products.

Wild Himalayan amla: This is a special strain of amla that yields small fruits, and is well adapted to cold temperatures. It is sometimes planted in other continents such as North America.

Uses of amla:

1. Improves Immunity
2. Fights Infections and Prevents Chest Congestion:
3. Prevents Constipation:
4. Aids Weight Management
5. Acts as a Natural Blood Purifier

Indian amla servings:

- 1) amla pickles
- 2) amla juice (raw)
- 3) amla sarbat
- 4) amla supari (mukhvas)
- 5) moravla (amlal halva)

Aditya cheulkar
(Newscaster)

Ref: <https://m.tarlaladal.com/glossary-amlal-indian-gooseberry-49i>

CULTURE & CUISINE

CULTURE OF GRANADA – A MILLENNIAL CITY



Granada is a millennial city that stretches out under the foothills of Sierra Nevada (3,479 m), steeped in rich history that can be traced right back to the times of the Iberian civilisation (4th century BC) and which was conquered afterwards by the Romans, who adopted its Iberian name Iliberis or Flowery City due to its beautiful and lush greenery. After the Roman invasion, the Visigoths arrived, followed by the Muslims. The settlements of these people were very close to a small area populated by Jews under the name of Granata. After the destruction of the ancient Iliberis, under the Muslims, this area became what in more recent times would shape the city of Granada, the city in which I live and work.

The people – The culture

The people of Granada are known for being very polite and welcoming towards people from abroad. As the city centre is very compact, everything is within walking distance, making it easier and more exciting to discover the city's many charming surprises, beautiful monuments and landmarks at the turn of every corner.

“To go tapas hopping” is part of Granada culture. A tapa is a small portion of food, which is served free with beer/wine. This combination is also a way of socialising with other people. Set in such an extraordinary region, Granada enjoys a lot of sunshine all year round and a great part of our life is spent outside. This means that bars and terraces are very popular in Granada, not just for drinking purposes, but also as places to meet before lunch or after work, or maybe just to let our skin feel the warmth of the sun during chilly winter days. The sun doesn't just brighten up our summer days, but it can also shine warmly during winter time too! So being outdoors is an integral part of our lifestyle here. We have a close relationship with the coast and it is very common to drive down to Almuñecar or Salobreña at weekends to stroll around the villages and have a coffee after lunch. We are lucky that we can enjoy a subtropical microclimate with an average temperature of 18 °C during winter months and around 300 days of sunshine a year.

Granada is also a paradise for all kinds of cyclists, and many bikers enjoy the challenge of trying to ascend to Sierra Nevada or ride along the numerous paths for mountain-bike lovers. Those who like something easier can enjoy one of the many long easy trails that you can find everywhere all around the city. Granada offers a wide variety of possibilities to practice many sports from trekking to diving off the near coast, where you'll find some of the best diving spots in the coast of Andalusia.

Where to eat?

Granada is famous for its “cañas” (small glass of beer) which are usually served with a “tapa” (small portion of food). One of my favourite places for drinking cañas with tapas is Taberna “La Tana” which offers the best selection of wines and quality fresh local products. The owners are always ready with a warm welcome and the bar has a really cosy atmosphere. The Albayzín neighbourhood is home to many similar small bars and restaurants such as Bar Aliatar Los Caracoles, which is located in a small square with the same name and famous for its delicious snails in sauce. And close to Plaza Nueva, the Bodegas Castañeda is well worth a visit. It is one of the oldest bars in Granada, full of great atmosphere and traditions and well-stocked with good local wines and tapas. An excellent meeting place to start a long evening full of fun and adventure in the heart of the city. Don't miss how the waiters make your bill when you ask for it!

Great lunch places

There are many options for lunch, but I personally recommend 2 places:

Restaurante Albahaca, which serves Andalusian cuisine made with local produce at really reasonable prices. Their daily menu is great and very affordable.

Restaurante Ruta del Azafrán. This place not only offers an unrivalled location in Paseo de Los Tristes at the foot of the Alhambra with amazing views, but also excellent food and attentive staff that aim to please. The cuisine is very creative and always opens to trying new trends and tendencies. The prices are affordable; especially the daily menu, but they also offer an à la carte menu with delicious and inspiring creations.

-Rashi Walinjkar
(NEWSCASTER)

Ref: <https://www.languagewire.com/en/blog/granada>

TRAVEL & TOURISM

"HAWAII, HAWAII"



Hawaii's tropical climate and laid-back Pacific Island atmosphere are just part of what makes the state so special. Occupying the tops of massive volcanic mountaintops jutting from the sea, these islands have a diverse and beautiful landscape that varies from the stark lunar surface of the Kilauea volcano to lush green forests filled with exotic flowers.

Things Not to Miss in Hawaii :-

few highlights of this idyllic island chain.

- Snorkel to view bright corals, tropical fish, and sea turtles.
- Sunbathe on one of the many beaches that dot the 750 miles of coastline.
- Go whale-watching during humpback migration season (December—April)

When to Visit Hawaii :-

Hawaii is in the tropics, but has a cooler, drier climate due to the trade winds that blow from the east. Temperatures are consistently warm but comfortable throughout the year, but it's important to keep in mind when planning your travel to Hawaii that May through October is dry season, while November through April is the rainy season. If you visit Hawaii in the winter months, it is advisable to bring rain gear.

Things to See and Do in Hawaii :-

1. Explore the Waipi'o Valley-

The lush wilderness of the Waipi'o Valley (Big Island) was once home to Hawaiian kings. Today, it's scattered with taro fields. Waipi'o is named for the river that cuts between the valley walls, giving way to waterfalls until eventually flowing into the ocean at a black sand beach. There are many trails here, but the main hike down into the valley will take you to the black sand beach and back up again. It's 6.5 miles (10km) and strenuous but worth it. You can also see the valley on an ATV tour, with most tours costing \$100 USD per person.

2. Night dive with manta rays-

On Big Island, take a sunset cruise along the Kona coast to the Manta Ray Village. Here, you can swim with giant manta rays — some of which measure 18 feet in length and weigh up to 1,600lbs! It's one of the best spots in the world to swim with mantas. The manta rays feed off the phytoplankton and zooplankton, and they appear to glow underwater due to bioluminescence. Snorkel tours start at \$95 USD while single-tank night dives start at \$140 USD.

Anushka Bansode

(Newscasters)

(Ref: www.Trivago.Con)

ALAPPUZHA



INTRODUCTION

Alappuzha (or Alleppey) is a city on the Laccadive Sea in the southern Indian state of Kerala. It's best known for houseboat cruises along the rustic Kerala backwaters, a network of tranquil canals and lagoons. Alappuzha Beach is the site of the 19th-century Alappuzha Lighthouse. The city's Mullakkal Temple features a traditional design. Punnamada Lake's snake boat races are a well-known annual event.

THINGS TO DO IN ALAPPUZHA

Have Fun Time at Backwaters

Explore the Royal Krishnapuram Palace

Attend the Popular Snake Boat Festival

Enjoy Shopping at the Floating Triveni

PLACES TO VISIT IN ALAPPUZHA

1.St. Mary's Forane Church

This beautiful church traces its existence back to 835 AD and is known for its events, Friday Liturgy and educational institutions. Currently, the church is a world-renowned center of pilgrimage, where one can know more about the culture and lifestyle of the Christians.

2.Krishnapuram Palace

It is one of the most popular museums in Alleppey. Built-in the 18th century by the king of Travancore, Anizham Thirunal Marthanda Varma, Krishnapuram Palace is quite popular for its vintage architecture and artistic murals.

(Newscasters)

Ref: <https://www.google.com/search?q=alappuzha&tbh>

SPORTS

EXPLAINED: WHY BIG JAVELIN THROWS MAY BE A RISK

On September 6, 2020 Germany's Johannes Vetter, 27, produced the second longest javelin throw in history at the World Athletics gold level series event in Poland. His effort of 97.76 m was just 72 cm behind the event's G.O.A.T Jan Zelezny's celebrated world record throw of 98.48 m in 1996.

Vetter's monster throw that landed not far from the shot-put area has thrown up a number of questions.

Will Vetter's throws in the future pose a risk to the other athletes on the field, and also on the track? Is there a need to modify the javelin again so that it dips early and does not fly beyond the throwing area and on to the track? And can a present-day thrower break the 100 m barrier?

What made Johannes Vetter's throw special?

Other than the fact that it was the second best ever, the 27-year-old German has proven in the past that, when on a roll, he can be amazingly consistent with the long throws.

His fourth-round effort on Sunday evening at Chorzow, Poland, too was impressive, at 94.84 m.

In 2017, he registered 94.44 m in Lucerne, Switzerland. During this series of throws in Lucerne, he produced three 90-plus-metre throws.

Before Sunday, Vetter had crossed the 90-metre mark twice in August – throwing 91.49 m and 90.86 m.

And how good was Jan Zelezny, the world record holder?

The Czech thrower is the only man to have won three consecutive Olympic golds in 1992, 1996, and 2000. In 1988, at the Seoul Games, he won silver. He also won the world titles in 1993, 1995, and 2001.

Vetter or any other world-class athlete will find it hard to match his consistency. Zelezny has 34 throws over the 90-metre mark, the most by a male javelin thrower.

So why should the increase in the number of 90-plus throws worry track and field officials?

In most track and field events, the long-running javelin throw competition takes place while the rest of the arena is crowded. Runners are focused on their events, even as the javelin is flying around on the field.

Although marshals and officials are in place, long throws mean the javelin overshooting the area designated for the event, and posing a risk of injury to athletes on the track, or even officials.

Instances of officials or athletes being struck by a javelin are rare, but have happened at smaller events. In 2012, a German official died after being hit by a javelin when he went towards it to measure the distance even before it had landed.

Has anyone crossed the 100 m-mark, and have officials done anything to keep the track and field safe?

Indeed, back in 1984, East Germany's Uwe Hohn registered the longest-ever throw of 104.80 m in Berlin. Although this feat is referred to as the "everlasting record", it is no longer officially recognised by World Athletics.

This is because in 1986, the centre of gravity of the javelin was moved forward by 4 cm to reduce the risk of 100-plus throws landing on the track at the other end of the field and putting runners at risk, as track and field events are often held simultaneously at a stadium.

Modifications also helped the javelin land more vertically, rather than sliding at the point of impact, thus making it easier for officials to measure an accurate distance.

Does Vetter's mammoth throw reduce India's chances of an elusive track and field medal at Tokyo Olympics next year?

Neeraj Chopra, the Asian Games and Commonwealth Games gold medalist, and Shivpal Singh, an Asian Championships silver medal winner, are India's best bets at the Olympics.

Both had qualified earlier this year, but are yet to enter the elite 90-metre club. Chopra has a best throw of 88.06 m, which puts him 42nd on the all-time list, while Shivpal tops at 86.23 m (81st).

In a year that has seen sports events, including the Olympics, cancelled, Chopra (87.86 m) has had the second best throw, and Shivpal (85.47 m) the sixth best, in the world.

The field at the Summer Olympics had established stars like Andreas Hofmann and Thomas Rohler, both Germans who have crossed 90 m, and the experienced Czech Jakub Vadlejch, who remains a force.

Belarus's rising star Aliaksei Katkavets was the one to watch out for, as he has the potential (personal best of 86.05 m in August this year) to upset the established stars.

The gold at the 2019 World Championships was won at 86.89 m by Anderson Peters of Grenada.

Gayatri Kelkar
(Newscasters)

SOCIAL ISSUES**INTERNET SAFETY AND CYBERCRIMES**

The use of the internet has become an integral part of our daily lives. It has consolidated itself as a powerful platform that has revolutionised business, commerce and the way we keep in touch with friends.

Rapid growth of this information highway has also led to new forms of crime online - also termed as 'cybercrime'. Cybercrime has been used to describe a wide range of offences, including offences against computer data and systems, computer - related forgery and fraud (such as 'phishing'), content offences (such as disseminating child pornography) and copyright offences (such as the dissemination of pirated content).

Cybercrime continues to evolve, with new threats surfacing every year.

When you hear and read about range of cybercrimes out there, you might be tempted to stop using internet entirely. That's probably too drastic.

Instead, it's a good idea to know how to recognize cybercrime, which can be the first step to helping protect yourself and your data.

We can protect ourself against cybercrime by

1. Use a full-service internet security suite
2. Use strong passwords
3. Keep your software updated
4. Manage your social media settings
5. Strengthen your home network
6. Talk to your children about the internet
7. Keep up to date on major security breaches
8. Take measures to help protect yourself against identity theft
9. Know that identity theft can happen anywhere

Nevertheless, India too has witnessed a significant ascend in Internet activities and it is quite assertive to say that such phenomenal growth in access to information on one hand leads to empowered individuals and organization and on the other hand also poses new challenges to government and citizens. To make the cyber world safe is the need of the hour.

Aakanksha Vadvalkar

(Newscaster)

Ref: <https://www.unodc.org/southasia/frontpage/2012/May/india-addressing-the-rise-of-cybercrime-amongst-children.html>

THE REASON GIRLS IN THIS BIHAR DISTRICT KEEP DROPPING OUT OF SCHOOLS ISN'T NEW.

Gender-based discrimination is a common phenomenon worldwide, and India fares no better.

In Bihar, 2 out of 5 girls get married before the age of eighteen as per a UNFPA

The availability of toilets and running water in government schools are considered key strategies for ensuring girls' attendance and retention. Bihar Education Department data (2016-17) shows 92% of government schools in Kishanganj have functional toilets for girls and 89.5% of schools have clean drinking water facilities.

In fact, in Bihar, 2 out of 5 girls get married before the age of eighteen.

With the pandemic, the schools and learning centres have been closed for an indefinite period. The girls have been working in fields and in their home. Majority of them don't have access to smartphones and internet connectivity that makes online learning a distant reality for them. This is an unprecedented situation that is also taking a toll on the mental health of children and adults alike.

What we need to ensure, as a government and a society, is that we push for girls to rejoin schools and learning centres from which they had to drop out, post-COVID-19. The government and civil society must keep pushing forward on digital inclusion until every child is covered.

Our first step to ensure girl child education post-COVID-19 should be to get girls back to school. Increased allotment of funds into the education sector might encourage parents to allow girls to partake education, so as to find an opportunity for employment, and a sense of empowerment. Let stand up for our girls! Let's support girls in their fight to get an education in post-COVID India!

Sadashiv Shingare

(Newscaster)

Ref: www.youthkiawaaz.com

STUDENT'S SECTION

CAREER OPPORTUNITIES IN ACCOUNTING

1. **Public Accountant:** If you've obtained, or plan to obtain, a CPA certification, you are eligible to work at a public accounting firm. A public accounting firm generally provides auditing, tax, consulting, and accounting services for a number of clients across a range of sectors, including businesses, individuals, nonprofits, and governments
2. **Tax Accountant:** As the name suggests, a tax account focuses solely on tax-related accounting work, preparing quarterly and annual tax returns (local, state, and federal) for individuals and companies
3. **Forensic Accountant:** Forensic accountants examine companies' financial statements and provide analysis for legal cases, investigating crimes such as embezzlement or fraud.
4. **Financial Accountant:** Financial accountants work for a single organization or business, preparing reports that assess fiscal performance (for example, profit and loss statements, balance sheets, and cash flow statements) for stockholders, creditors, and taxing agencies - essentially, individuals external to the company.
5. **Managerial Accountant:** Managerial accountants perform similar work to financial accountants, but focus on internal stakeholders - they prepare reports for internal review, to help businesses plan, budget, and improve performance.
6. **Financial Planner:** Some accounting professionals choose to work for financial planning firms, or as independent financial consultants.
7. **Internal Auditor:** In large corporations, internal auditors ensure that resources are being used effectively, that the company is in compliance with all state and federal requirements, and funds are not being mismanaged.
8. **Government Accountant:** Government accountants work in the public sector, managing financial information for all levels of the government - local, state, or feder

Jidnyasa Patil
(Newscaster)

Ref: www.sabgyan.com

FUN FACT

- Hot water will turn into ice faster than cold water.
- The sentence, "The quick brown fox jumps over the lazy dog" uses every letter in the English language.
- Camels have three eyelids to protect themselves from the blowing desert sand.
- There are only two words in the English language that have all five vowels in order: "abstemious" and "facetious."
- The name of all the continents end with the same letter that they start with.
- Minus 40 degrees Celsius is exactly the same as minus 40 degrees Fahrenheit.
- $111,111,111 \times 111,111,111 = 12,345,678,987,654,321$
- If a statue of a person in the park on a horse has both front legs in the air, the person died in battle.
- If the horse has one front leg in the air, the person died as a result of wounds received in battle.
- If the horse has a all four legs on the ground, the person died of natural causes.
- Elephants are the only animals that can't jump.
- Like fingerprints, everyone's tongue print is different.

Jidnyasa Patil
(Newscaster)

Ref: <http://www.funfacts.com>

SUDOKU

5	3			7				
6			1	9	5			
	9	8					6	
8				6				3
4			8		3			1
7				2				6
	6					2	8	
			4	1	9			5
				8			7	9

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Ref: www.sudokuworld.com

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