

## What is a "PAN-PAN" emergency landing of an aircraft?

Hyderabad: A Kuala Lumpur-bound Malaysian Airlines flight, which took off from Rajiv Gandhi International Airport (RGIA) in Hyderabad on Thursday, made an emergency landing, as crew noticed a fire in one of the engines. The Boeing 737 aircraft, which was reportedly carrying 138 passengers and crew onboard, developed a snag and the pilot noticed a fire in the right engine 15 minutes into the flight, after which the crew declared a 'PAN-PAN' emergency before returning to RGIA. Malaysian Airlines Hyderabad – Kuala Lumpur flight makes emergency landing after fire in engine. What is a PAN-PAN emergency message?

A PAN-PAN emergency message is the international standard urgency call that is declared by aircraft when someone onboard needs help with a 'urgent' situation that does not pose an immediate danger to anyone onboard or the aircraft itself. This emergency defines a state of urgency but is different from a 'MayDay' call which refers to an impending danger to the

lives of those onboard or the to the aircraft on the whole. The PAN-PAN signal was first defined by the International Radiograph Convention of 1927. In the aeronautical field, the call is given in situations of: \* The aircraft getting lost\* Aircraft facing system failure, that requires an immediate route or altitude change\* An engine failure in a multi-engine aircraft where the aircraft is able to maintain the height despite the technical issue. (This was the issue faced by the Kuala Lumpur-bound flight which made an emergency landing in Hyderabad.) From an Air Traffic Controller's perspective, a landing is considered an emergency one if the pilot has declared an emergency situation and has not cancelled it by the time the aircraft touches down. If the emergency is happening at an aerodrome, standard procedures are followed, in which a "full emergency" routine will be activated. The full emergency routine involves pushing Rescue and Fire Fighting services into action. The procedure is commonly referred to as Aircraft Rescue and



Fire Fighting (ARFF). The rescue is specifically dedicated to the support of safety in aircraft operation. It involves immediate response, hazard mitigation, evacuation of

passengers and crew of the aircraft which has made the emergency landing. This is a standard protocol that is followed for all kinds of emergency landings if the aircraft is landing in an aerodrome.

## Hyderabad doctor offers crucial tips for desk job employees to combat sedentary lifestyle



Essential Tips for Desk Job Employees to Combat a Sedentary Lifestyle

Hyderabad: Desk-based work environments often result in prolonged periods of sitting, which has raised significant health concerns due to their negative impact on physical and mental well-being. Dr. Sudhir Kumar, MD DM, a neurologist from Apollo Hospital in Hyderabad, known for his health advisories on social media, has offered seven essential suggestions to help desk job employees lead a more sustainable and healthy lifestyle.

Shared on X, Dr. Kumar's tips include taking standing or walking breaks for 2-3 minutes every 30-40 minutes and considering the use of standing work desks. He

advises standing during coffee breaks instead of sitting and walking to a colleague's desk for discussions rather than calling or messaging. Additionally, he suggests encouraging all participants to stand during meetings and serving only coffee without snacks. To further reduce the health risks associated with prolonged sitting, Dr. Kumar recommends minimizing leisure time sitting, such as watching TV after office hours, and converting one hour of sitting time per day into physical activity like walking.

"Sedentary time of more than 6 hours per day is associated with an increased

incidence of several non-communicable diseases, many of which are serious and disabling," Dr. Kumar noted. These diseases include migraines, rheumatoid arthritis, chronic obstructive pulmonary disease (COPD), chronic liver disease, diabetes, depression, chronic kidney disease, asthma, thyroid disorders, gout, diverticu-

lar disease, and ischemic heart disease. Limiting daily sitting time to less than six hours can reduce the occurrence of migraines by 22 per cent. Moreover, Kumar asserted that replacing even one hour of sedentary time with physical activity can significantly lower the risk of many diseases.

## Two robbers make vain attempt to loot gold shop at Kompally in Hyderabad

Hyderabad: Two men, one of whom came clad in a burkha, made a vain bid to loot a gold shop at Kompally on Thursday morning. According to the police, the men posed as customers and entered the shop located on Medchal road. One of the robbers whipped out a knife and threatened the shopkeeper asking him to keep the jewellery boxes in a bag. However, before the suspects could lay their hands on the ornaments, the owner of the shop jumped over the table and rushed out of the shop shouting for help. As their plan failed, the offenders ran out of the shop and escaped on a motorcycle. A worker of the shop threw a chair at the offender while they were es-



caping but the duo managed to flee away. The shop keeper, however, reportedly told the police that the robbers had managed to take away some gold ornaments. The police are verifying the footage recorded by the closed-circuit cameras installed on the road.

# Indirect evidence builds, yet the 'dark' universe remains murky

The general theory of relativity has been very successful at explaining gravity and an astonishing array of other related phenomena, such as gravitational waves, gravitational lensing, gravitational red shift, the existence of black holes, and time dilation. This theory refines Isaac Newton's laws and provides a unified description of gravity as a geometric property of spacetime. We have observed gravity operating at different scales, from microscopic to macroscopic. But as we zoom out to look at the universe as a whole, it seems as if space is permeated with a mysterious form of gravity-defying energy. This so-called dark energy — which physicists have come to believe made up 70% of energy that the Big Bang blew out 13.8 billion years ago — creates a sort of negative pressure that stretches the fabric of spacetime and allows celestial objects like stars and galaxies to drift apart. This is in contrast to the Newtonian idea of gravity: as an attractive force that causes objects to come closer together. In places with lots of matter, gravity has more of an effect than dark energy. But when space is empty of matter, dark energy dominates. Similarly, based on some cosmological observations, researchers have proposed the presence of an invisible form of matter called dark matter. In fact, 44 years ago this month, astronomer Vera Rubin published her famous paper with indirect evidence about the need for dark matter.

Theories of gravity say the rotation rate is highest near the galaxies' centre and lowest at the outer rim. Yet scientists like Dr. Rubin found many rotating galaxies in which the velocities of the stars didn't decrease away from the galactic centre. One way to explain this is if the galaxy had more matter than was visible, exerting more gravitational force that pushed stars at the rim to move faster than they would otherwise. This additional matter is dark matter. Both dark matter and dark energy are assumptions. They have a very strong hypothetical basis but we haven't been able to find physical evidence of them. Scientists postulated the existence of these two entities so that they can explain their observations without having to break the general theory of relativity. Not all scientists agree with this approach. Some have attempted to create an alternate paradigm of gravity — one in which some unknown properties of the force could cause the observed phenomena without invoking dark matter or dark energy. However, these alternatives suffer from an important problem: they don't explain away all the disparities, whereas the dark matter and dark energy hypotheses do.

What have we found?

If we need to fully understand the general theory of relativity, we need to figure out what dark matter and dark energy are. Many researchers are working on this around the world, including in India. Their studies make heavy use of simulations to understand how the universe would look if there were certain kinds of dark matter or dark energy. For example, a study published on April 16 in the Monthly Notices of the Royal Astronomical Society by researchers in the U.S. reported being able



to explain the observed behaviour of real galaxies and the motions of their stars and gases in simulations that assumed the galaxies contain dark matter. We also have telescopes constantly making new observations of space. They have been becoming more sophisticated, allowing scientists to collect more fine-tuned data they can use to improve their theories. For example, an April 11 paper in The Astrophysical Journal Letters reported that the James Webb Space Telescope had observed indirect evidence of normal regular and dark matter in the ring of an old galaxy named JWST-ER1g. When looking for something that is really hard to find, it's also useful if researchers share information about where they couldn't find dark matter, allowing others to focus on places where it can be. On March 28, for example, scientists published the first results of the Broadband Search for Dark Photon Dark Matter (BREAD) experiment. The preliminary data ruled out dark-matter particles in a certain mass range. Similarly, the Dark Energy Spectroscopic Instrument (DESI) in Arizona, in the U.S., is attempting to make the largest 3D map of the universe. This mountain-top telescope is fit with 5,000 small robots that help it look 11 billion years into the past with greater precision than before. So far, data from DESI has agreed at a basic level with the  $\Lambda$ CDM model of the universe, our best mathematical model to explain the Big Bang and the universe today. 'CDM' is short for 'cold dark matter'. ( $\Lambda$ ) is the cosmological constant: it represents the energy density of space and is closely associated with dark energy. It appears in equations of the general theory of relativity. Some studies have found that dark energy might be changing with time, which is at odds with assumptions of the  $\Lambda$ CDM model. In fact,  $\Lambda$  also makes a surprising appearance in the modified theories of grav-

ity that some researchers have been working on. One of them is MOND, an acronym of 'modified Newtonian dynamics'. It doesn't require the existence of dark energy; instead, it proposes that when gravity is weak, such as at the outer rims of large galaxies, it also behaves differently. While it enjoys some popularity, one research group reported on April 5 that data from the Cassini mission (1997-2017)

showed no sign that Saturn's orbit had a slight deviation that MOND says there should be. By mapping the position of thousands of galaxies over many years, we can keep measuring how much the universe's expansion due to dark energy is accelerating. But for now, we have no choice but to draw all our inferences about dark matter and dark energy from indirect evidence alone.

## AI app solves UPSC prelims paper in 7 minutes, scores 170 out of 200

New Delhi: An Artificial Intelligence based app, PadhAI, scored over 170 marks out of 200 in the UPSC preliminary exams 2024 solving the entire paper within seven minutes and qualifying above the general score which usually remains under 100.

The score places PadhAI's score in the top 10 nationally, if not rank 1, an official release said. The app developed by a team of IITians took the exam in a public setting on Sunday, right after the UPSC preliminary exam in presence of guests from the education sector, UPSC community, and media professionals at Delhi's The Lalit hotel.

It took under seven minutes to solve the entire paper, the release said. The event was live-streamed at [livestream.padhai.ai](https://livestream.padhai.ai) and YouTube, where the questions and answers are publicly available, it added.

The AI's answers were also compared with broad AI models commercially available from big tech companies such as OpenAI, Microsoft, and Google by using answer keys released by top coaching



institutes.

"This is the highest score achieved in the last 10 years of UPSC exams. We believe that while our event is first of its kind, in a few years, such events will become commonplace as several educational institutions race to solve papers quickly and precisely with AIs," PadhAI's CEO Kartikeya Mangalam said. PadhAI is an AI X Education app for UPSC preparation available on the Google Play Store.

# Paper Leakage: Making a mockery of youth



Chandigarh ( Jag Mohan Thaken), June 20: There is hardly an examination held in our country, where the paper is not leaked. The government has failed to safeguard the sanctity of the recruitment or admission tests, whether at central level or at states level. The honest, unemployed youth or the young generation, everywhere is being cheated and the money is making the mare go. Isn't it the failure of the government or its system? Making the future of the youth bleak, just within weeks two major papers held by the central government were leaked one after the other, what it shows?

Accepting the unfair play in NEET and NET examinations and informing about the cancellation of NET examination just held on the previous day, the central government issued a release on June 19 that the National Testing Agency (NTA) conducted the UGC-NET June 2024 Examination in OMR (pen and paper) mode on 18th June, 2024 in two shifts across different cities of the country. On 19th June, 2024, the University Grants Commission (UGC) received certain inputs from National Cyber Crime Threat Analytics Unit of Indian Cyber Crime Coordination Centre (I4C) under the Ministry of Home Affairs on the Examination. These inputs prima-facie indicate that the integrity of the aforesaid examination may have been compromised. To ensure the highest level of transparency and sanctity of the examination process, the Ministry of Education, Government of India has decided that the UGC-NET June 2024 Examination be cancelled. A fresh examination shall be conducted, for which information shall be shared separately. Simultaneously, the matter is being handed over to the Central Bureau of Investigation (C.B.I.) for thorough investigation in the matter.

The release further divulged that in the matter pertaining to the NEET(UG) Examination-2024, the issue related to grace marks has already been fully addressed. As regards certain irregularities alleged in the conduct of the examination in Patna, a detailed report has been sought from the Economic Offences Unit, Bihar Police. Government will take further action, on receipt

of this report. Government is committed to ensure the sanctity of examinations and protect the interest of students. It is reiterated that any individual/organization found to be involved in this matter will face strictest action. The General Secretary of the All-India Congress Committee, former Union Minister and newly elected MP from the Sirsa Lok Sabha seat in Haryana, Kumari Selja said that while the investigation into the NEET paper leak was still ongoing, the government has now plunged the future of millions of students into darkness by cancelling the UGC NET June 2024 exam due to a paper leak. The hardworking candidates are left with only tears in their eyes. Who will account for their months of hard work? Kumari Selja said that the UGC NET exam was held on June 18 and was cancelled on June 19. Over 11 lakh candidates had applied for the exam, and 9 lakh 8 thousand 580 candidates appeared. The UGC NET June 2024 session exam was cancelled by the Ministry of Education due to the suspicion of malpractice in the exam. Congress @INCIndia on Thursday alleged, "In the last 5 years, 43 recruitment exam papers have been leaked in the country and these paper leaks have directly affected 1.75 crore candidates. Do PM Modi and the education minister understand what millions of youths and their families go through due to paper leaks and exam cancellations?" Taking a dig at PM Modi, Indian National Congress president Mallikarjun Kharge tweeted on Thursday in Hindi, "What kind of 'Pariksha Pe Charcha' is this, where the paper is leaked every day! How has the Modi government ruined the country's education and recruitment system? Paper leaks, fraud and gross irregularities in NEET, UGC-NET, CUET (Common University Entrance Test) have now been exposed." Kharge further adds, "The shower of knowledge on the students by the head of a government which cannot conduct a nationwide examination without any fraud is dishonesty! Pushing millions of youths into the quagmire of unemployment with false promises, Modi ji was roaming around universities yesterday, under the shadow of the camera!"

Aam Adami Party workers and lead-

ers, while protesting against NEET paper leak in Jalandhar on Wednesday, alleged, "This directly shows failure of BJP govt how Modi govt is messing with lives of hardworking students. But we will continue to do justice to the youth of the country." They demanded the resignation of the Prime Minister and the Union Education Minister over the rigging in the NEET exam. The leaders of 'AAP' said that the rigging in the NEET exam is no less a crime than treason. 24 lakh children have been affected by this. They alleged that there was rigging at two levels in this exam. First, papers were leaked in Bihar and Gujarat and sold for 50-70 lakhs. After this, NTA wrongly gave grace marks to some students. AAP leaders alleged that the BJP has an old connection with paper leaks. Papers have been leaked 70 times in the



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last 7 years in BJP ruled states. This is a very big matter. Therefore, this matter should be looked into directly by the Supreme Court.

Why the papers leaked out so frequently?

The allegation floating in the air is- Money makes the Mare go. Priyanka Chaturvedi, @priyankac19, MP-Rajya Sabha and Deputy Leader-Shiv Sena UBT says, "Bihar's Economic Offence Unit has caught about 12 of those involved in the interstate paper leak of NEET exam and selling it for 30-32 lakhs to students, they have also given a confessional statement. They have also caught 4 students who have confirmed they bought the entrance test paper. Shamelessly the education minister continues to defend NTA and denies paper leak. Why is Home Ministry also silent?" Priyanka Chaturvedi further adds, "Here's a thread exposing the mismanagement, paper leaks, and rigging of exams conducted by the NTA over the past two years. Read through and reflect on why our government has remained silent on these issues for the last 2-3 years. Besides the NEET 2024 and UGC-NET, so many more examples to show the Education Emergency that this government has forced on the youth of this country and jeopardised their careers by not taking strong action. Shame on the government and the education minister." Will the government curb the menace of paper leakage and take harsh steps by punishing the all involved, whether it's a government agency or an officer?

## Google's Gemini now available as an app for android smartphone users in India

New Delhi: Google on Tuesday said its AI assistant Gemini is now available as an app for Android smartphone users in India with support for English, Hindi and eight other Indian languages. For iPhone users, access to Gemini will be rolled out through the Google app over the next few weeks, according to a blog post by Amar Subramanya, Vice President, Engineering, Gemini Experiences. "Gemini, your AI assistant from Google, has had an exciting first year in India... From students to developers and many other curious minds, people in India are embracing Gemini's capabilities to enhance their productivity, learning, and creativity in everyday life," Subramanya wrote.

Additionally, users of Gemini Advanced in India will now be able to access features of Gemini 1.5 Pro, Google's latest next-gen AI (Artificial Intelligence) model. The expanded capacity of Gemini Advanced will allow users to upload mul-

multiple large documents and emails for quick summaries, feedback, and actionable insights.

"As always, privacy is a top priority. Gemini keeps your files private to you, and they're not used to train our models," Subramanya added. Google said the Gemini feature will also be added in Google Messages on select devices. The generative AI platform faced controversies earlier this year, over its "fascist Modi" responses, and anti-white bias. In February this year, a journalist had shared a screenshot in which a question was asked to Gemini about Modi. In response, Gemini made uncharitable comments about him but was circumspect when the same query was posed about Trump and Zelenskyy. Google had then said it worked quickly to address the issue and conceded that the chatbot "may not always be reliable" in responding to certain prompts related to current events and political topics.

# X Telangana State Shooting Championship Competitions from June 21 to 27

Telangana State Shooting Championship 2024, set to take place from June 21st to June 27th, 2024, at the SATS Shooting Ranges in Gachibowli, Hyderabad. This prestigious event will witness the participation of more than 1000 athletes from across the Telangana state, showcasing their exceptional talent and skill in various shooting disciplines, including 10M Air Rifle, 25M Pistol, 50M Rifle Pistol, and shotgun events. One of the highlights of this year's championships is the participation of 40 students from the Mahatma Jyoti Baphule BC Welfare Residential Educational Institutional Society, Keesara, marking a significant milestone in promoting sports among young and aspiring shooters from diverse backgrounds. The event will also feature the use of electronic targets and CCTV cameras for enhanced recording and surveillance, making Telangana the first state in India to implement these modern technologies.

Mr. Amit Sanghi, the President of the TRA, has expressed his best wishes to all

the participants and aspiring shooters, hoping for a healthy, safe, and highly competitive and entertaining game. The 10th edition of Telangana State Shooting Championship promises to be a thrilling showcase of the state's shooting prowess, inspiring both athletes and spectators alike.

\*Competition Schedule:\*

\*10M Air Rifle/Open Sight Rifle:\* Free Training: June 21; Competition: June 22-23.

\*25M Pistol/50M Pistol:\* Free Training: June 21; Competition: June 22-24.

\*10M Air Pistol:\* Free Training: June 24; Competition: June 25-26.

\*50M Rifle, 50M 3P, 50M Open Sight and 3P:\* Free Training: June 24; Competition: June 25-27 (Reserved on June 28).

\*Trap:\* Free Training: June 21; Competition: June 22.

\*Skeet:\* Free Training: June 22; Competition: June 23-24.

\*Double Trap:\* Free Training: June 24; Competition: June 25.



# JSW MG Motor India Partners with Ecofy to boost the faster adoption of EVs



JSW MG Motor India announced an MoU with Ecofy, a leading NBFC backed by Eversource Capital, committed to financing India's green transition, along with its technology & leasing arm Autovert. This collaboration aims to unlock new financ-

ing options for JSW MG's electric vehicles, making them more accessible to customers across India including semi urban and rural areas.

Over the next three years, the partnership with Ecofy will provide innovative

financing and leasing solutions (powered by Autovert) for up to 10,000 JSW MG EVs. This will encompass attractive loan options and leasing arrangements across retail customers and B2B operators for the existing and forthcoming electric vehicles of JSW MG Motor India. Recognizing the evolving needs of modern consumers, Ecofy and JSW MG Motor India along with Autovert have co-created innovative products and structures, including easy subscription plans.

These innovative offerings are expected to drive rapid adoption of electric passenger vehicles by providing customers with unparalleled flexibility, convenience, and affordability. Speaking on the partnership, Rajashree Nambiar, Co-founder, MD & CEO of Ecofy said, "We are excited to partner with JSW MG Motor India, a visionary company that shares our commitment to sustainable mobility. By combining our expertise in finance and JSW MG's cutting-edge electric vehicle technology, we aim to make EVs accessible to a wider audience, empowering individuals and businesses to embrace a greener future without compromising on convenience or affordability." According to Gaurav Gupta, Chief Growth Officer, JSW MG Motor India, "This partnership reflects JSW MG India's commitment to offer inno-

vative EV ownership solutions to augment the adoption of electric vehicles (EVs) in India. By offering innovative financing solutions in collaboration with industry specialists, we are making EV ownership more accessible and affordable to a broader audience. We remain committed to promoting sustainable mobility and supporting the government's vision of a cleaner environment and a robust electric mobility ecosystem." Kartik Gupta, Chief Growth Officer, Autovert added "India is at a cusp of a large green revolution, demand is picking up however regular financing methods are not enough. There is a growing need for alternate financing methods like subscriptions, pay-per-use which is expected to act as a catalyst for this growing demand." Under the partnership, through its extensive dealership network, JSW MG Motor India will provide access points for customers seeking to purchase EVs with attractive financing options. The partnership's competitive edge also lies in its innovative products, seamless digital approval processes, and hassle-free product ownership experience for customers. Ecofy's financial solutions, coupled with JSW MG's advanced electric vehicles, will provide consumers with a seamless and convenient transition to sustainable transportation.

# Project Carte Blanche - Digital Transformation & Hybrid Learning In Delhi DPS, Nacharam



Carte Blanche, a CBSE project was officially launched on 15th June, 2024 in 48 schools across the country. It was indeed a momentous occasion when DPS Nacharam was selected as one of the pilot project schools in Telangana. Tech Avant-Garde (TAG) is taking the lead in this project along with other partners. TAG is India's largest Solution Provider in the education segment, supporting all genre of institutes, ranging from K-12 schools to universities. TAG has implemented the Digital Transformation and Holistic Learning program to help educational institutions to navigate from physical classrooms to digital classrooms. TAG works to bring state-of-the-art technology and tools to aid institutions and teachers to enhance their digital teaching and learning skills. The

partners to this program are Rotary, Lycée – with its Hybrid Learning Platform, Microsoft – with its Teaching, Learning & Cloud Platform, Tech Bar – with its Hardware, System Integration & Help Desk Management, and Gen Alfa – with its Content. All 48 schools inaugurated their Cyber Learning Centres fitted with Passim the interactive flat panel display. The inaugural ceremony was attended by the Chairman of the school Mr.M.Komaraiah,

CEO Mr. Yasasvi, Sr. Principal and National awardee Mrs. Sunitha Rao, DGM Mrs. Saritha. Vice Principals Mrs. Gowri Venkatesh and Mrs. I.Sudha, Project coordinator Mr. Subhash, other esteemed guests, teachers and students. In his inaugural address, the Chairman spoke about

the vision and mission of school and emphasized the importance of adapting to new learning methodologies in the current educational landscape. CEO Yasasvi reflected on the program's potential to inspire change and encourage excellence across diverse communities. Sr. Principal Ms. Sunitha Rao, while addressing all the participating school live, highlighted the school's achievements and the faculty's dedicated efforts to ensure high standards of education. She elaborated on the features of the hybrid learning mode and its benefits in providing a flexible and comprehensive education. She expressed confidence in the new age digitalized educa-

tion and acknowledged that the way forward lies in equipping the learners to be adapt at digital learning. DGM Ms. Saritha spoke about the operational aspects of the hybrid mode and how it integrates traditional classroom teaching with modern digital tools.

The event concluded with a formal vote of thanks. Gratitude was extended to all the dignitaries, faculty members, academic and administrative, students, and parents who are part of this special project which is a significant milestone promising to revolutionize the educational experience and equip students with the skills and the knowledge needed for the future.

## Tourism Minister makes surprise inspection at tourism office

Hyderabad: Tourism Minister Jupally Krishna Rao on Thursday made a surprise inspection at Tourism office in Himayathnagar and expressed his displeasure at staff for failing to maintain punctuality and poor attendance.

Soon after arriving at the office, the Minister checked the attendance register and biometric details at the reception. He fumed at the staff as many had not turn up for work and checked different sections in all the floors.

Noticing many vacant seats, the Minister enquired about the staff absence and



expressed displeasure.

He directed the officials to prepare one year attendance report of all the staff members and said a review would be held on their attendance and performance.

# OPPO F27 Pro+ 5G available for sale starting today

The country's first IP66, IP68 and IP69-rated Super-Rugged Monsoon-Ready smartphone OPPO F27 Pro+ 5G will go on sale at the OPPO Store, Flipkart, Amazon and mainline retail outlets from today. The smartphone with 128GB storage will retail at INR 27,999 and INR 29,999 for the 256GB variant.

OPPO F27 Pro+ 5G boasts military-grade durability with its damage-proof 360-degree Armour Body that carries the Swiss SGS Premium Performance 5 Star rating and MIL-STD-810H Method 516.8 certification, along with Corning Gorilla Glass Victus 2 that posts a 180% improvement in drop resistance over its predecessor to safeguard against accidental drops and scratches. It is also the first smartphone in India to carry three IP ratings that certify the highest levels of dust ingress and water resistance. Furthermore, OPPO's Splash Touch technology ensures that the

screen is receptive to touch controls even with water droplets on the display or when using wet hands. The OPPO F27 Pro+ 5G packs a four-year durable 5,000mAh battery with 67W SUPERVOOC fast charging. The OPPO F27 Pro+ 5G runs the octa-core MediaTek 7050 SoC that comprises ARM Cortex-A78 cores clocked at up to 2.6GHz, and Cortex-A55 efficiency cores to strike a balance between effortless multitasking, efficient power management, and all-day battery life.

The phone also introduces a 3D Curved AMOLED display to the F Series with a 120Hz AMOLED display and a 93% screen-to-body ratio for a near-borderless viewing experience. Its 10-bit colour panel displays over a billion colours, while its 950nits brightness makes it legible even under direct sunlight to ensure a visually stunning multimedia experience with natural colour reproduction.

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# Philips' Latest Campaign Sparks a Bold Kitchen Revolution in Every Indian Households

# Versuni

In many Indian households, the practice of using old, noisy mixer grinders until they break down is common. Recognizing this underlying issue, Versuni, a global leader in the home and kitchen appliances industry and home to legacy brand Philips Domestic Appliances, has unveiled a new consumer campaign, curated to encourage every Indian household to break the habit of using old and rusty dusty mixer grinders and upgrade to a new innovative option. Through a fun and relatable video, Philips has showcased its wide range of mixer grinders, which offer a significant upgrade with their low noise, powerful performance, and support a modern, aesthetically pleasing designs. Alongside this, the brand has launched a new mixer grinder series HL7713, expanding its range of meticulously crafted products curated to meet the evolving needs of modern Indian households. Many households hold onto their trusty old mixer grinders, frequently opting for repairs to sidestep the hassle finding

the perfect replacement at the right price. However, this mindset often overlooks the significant technological and design advancements that can enhance their culinary experiences. Philips' latest TVC emerges from the brands deep-rooted understanding of the evolving demands of modern households. Based on everyday scenarios, it narrates a story of transformation, symbolizing a move towards more efficient, powerful, and aesthetically pleasing kitchen appliances. Through this campaign, the brand aims to resonate with consumers' daily lives, underscoring the importance of upgrading to appliances that not only meet but exceed their expectations. Conceptualized and created in collaboration with FCB, the brand's campaign video is live across social media handles and can be viewed here - Instagram and Youtube. "In every home, the kitchen is a canvas where culinary dreams are painted. At Versuni, we understand that the tools we use can either enhance or hinder this

creative process. We often see families holding onto their trusted, yet outdated appliances, unaware of how modern innovations can elevate their cooking experiences. Our latest TVC is a heartfelt invitation to rediscover the joys of cooking with appliances designed for today's needs. It is about recognizing those small, often overlooked nuances that can make a significant difference in the kitchen. Versuni is committed to bringing products that are not just functional, but also resonate with the evolving aspirations of our consumers. By staying attuned to their needs, we ensure that every new innovation we introduce is a step towards making their culinary journey more delightful and less cumbersome", said Pooja Baid, Chief Marketing Officer, Versuni India. With the unveiling of the new TVC, Philips is also introducing its latest offering— HL7713 the new powerful 1000-watt mixer grinder series. This product is not just another addition to the lineup; it is a revolution in kitchen tech-

nology, designed to deliver unmatched performance and convenience. The 1000-watt mixer grinder is equipped with a robust motor and blade design that effortlessly grinds even the toughest spices like garam masala and turmeric in just 90 seconds. The fruit filter accessory supports the extraction of fruit pulp, coconut or almond milk, and tamarind pulp, ensuring no bits and pieces remain even with hard fruits. Its advanced low noise technology ensures a 50% reduction in sound power, making it one of the quietest in the industry.

The series includes three/four leak-proof jars: a 1.75L wet jar for batter grinding, a 1.0L dry jar for masala grinding, and a 0.5L chutney jar for various chutneys and dips. The mixer grinder also boasts modern aesthetics with an edgeless design for easy cleaning and Rotary knob control, ensuring it fits seamlessly into any contemporary kitchen.

The new mixer grinder series will be available across all leading retail channels and comes in three variants of 2, 3 and 4 Jars. Starting at a price point of INR 4,995, consumers can now upgrade their kitchens with the latest innovation from the house of Philips and say goodbye to daily mixer grinder hassles. The brand has also announced an amazing offer where consumers can win a cash back of up to INR 5000 on the purchase of a new Philips mixer grinder.

# 'Ultimate Bartender Championship' by Monkey Shoulder comes to Hyderabad, with the 7th season shaking things up

After six successful seasons, Monkey Shoulder, the free-spirited blended malt owned by William Grant & Sons, kicked off the seventh season of the 'Ultimate Bartender Championship' (UBC). The fourth city round of the championship culminated at Post Card in Hyderabad, witnessing over 70 talented bartenders from the city mixing, moving and shaking things up to claim the coveted title. A group of people posing for a photo automatically generated & judged by Monkey Shoulder India's Brand Ambassador and Chief Monkey Officer, Gaurav Sareen, the event saw a gush of energy from a zealous group of bartenders paving their way through five exciting mixology challenges. The top finalists from Hyderabad, Gaurav Pandey from Anthem and Prashant Kumar from Aidu emerged with flying colors and will now compete with other city-round finalists at the grand finale. A group of men posing for a photo automatically generated. This year's UBC theme - Bartender Rumble, is inspired by WWE's Royal Rumble, where only one bartender will reign supreme as the champion. The competition focuses on essential skills like ingredients, mixing, pouring, nosing, and nailing the perfect serve. The championship is structured to test the upcoming bartenders in India and ascertain proficiency in all aspects of bartending — as indeed, it's skills that pay the bills. Commenting on the return of Ultimate Bartender Championship, Kapila Sethi Kad, Head of Marketing, William Grants and Sons India, said, "Every edition of the Monkey Shoulder Ultimate Bartender Championship has showcased the growing quality of talent in the bartending community of India. Unlike any other conventional bartending championship in the country, it brings together the best in the business, celebrates their skills, and empowers them to learn from the best. The city round in Hyderabad witnessed some of the best bartending talent from the city. We at Monkey Shoulder are thrilled to continue supporting the bartending community across cities in India by providing them with a fitting platform, with the 7th edition of the Championship." Speaking about the Hyderabad city round, Gaurav Sareen, Brand Ambassador Monkey Shoulder India said, "India's bartending scene is booming with skills, and there has been a noteworthy surge in cocktail culture. Bartending is becoming an emerging profession not just for international but also for local talent. With the Ultimate Bartender Championship, we aim to acknowledge and reward the skills of these champions. Every year we see participation growing, making it one of our biggest markets. We are excited to see what other cities have to offer."



## All-party delegation to approach Centre on coal blocks to SCCL

Khammam: An all-party delegation will meet union Coal and Mines Minister G Kishan Reddy seeking to allot coal blocks in Telangana to the Singareni Collieries Company Limited (SCCL), Deputy Chief Minister Mallu Bhatti Vikramarka said here on Thursday. He said Kishan Reddy would

be launching the 10th round of commercial coal mines auction in Hyderabad on June 21. On behalf of the State government, the union Minister would be requested to allot the Sravanapalli coal block in Mancherla district, which goes for auctioning in a couple of months, to SCCL with-

out auction. Speaking to the media here, Bhatti Vikramarka said the union Minister would be asked to seek Prime Minister Narendra Modi's appointment to consult him regarding the issue. An all-party delegation and all the stakeholders would request the Prime Minister to protect the in-

terests of the SCCL. The State government was committed to protect the SCCL which employs 42,000 employees directly and 26,000 employees on an outsourcing basis while helping 50,000 to earn livelihood indirectly. The company was a lifeline for the State and coal was being produced through its 40 mines, he said.

# Liquid nitrogen in foods draws Tamil Nadu's ire, yet again

A week ago, a video of a child screaming went viral on social media. There were visuals of adults spewing white smoke from their mouth and nose. What the child said was garbled in the video, but it was soon apparent that the child had consumed a food item infused with liquid nitrogen. Television channels and online media took up the issue. The Tamil Nadu government issued an advisory banning the use of liquid nitrogen in food and warned of stringent action against violators.

In May 1991, The Hindu reported that a London-based company developed a system to improve the quality and shelf life of food. It introduced droplets of liquid nitrogen in the packaging on the production line. Since nitrogen's volume expands 700-times when it evaporates, it displaces the oxygen in the food pack, preventing microbial action and preserving the freshness. The technique was useful in packing coffee, potato crisps, peanuts and peanut butter, milk products, cheese, and dried potatoes, the article said. As with every novelty, some chefs also experimented with liquid nitrogen to make food more interesting. In 2016, a few upmarket restaurants and eateries in Chennai and elsewhere used liquid nitrogen to entice customers.

The trend caught up in other parts of the country. In August 2017, the then Union

Environment Minister Harsh Vardhan said in Rajya Sabha that the government would investigate the addition of liquid nitrogen in food and drinks served in some restaurants. He was responding to an incident in Gurgaon a few months prior, when a man drank a cocktail with liquid nitrogen at a pub and ended up with a perforation in his stomach. Six months ago, in Tiruchirappalli, a vendor's shop was sealed after authorities found liquid nitrogen in food, the designated food safety officer of the city said.

Liquid nitrogen in cancer care "Liquid nitrogen, an inert, colourless, odourless cryogenic fluid has traditionally been used in the management of many benign precancers and cancers since the 1960s," Arvind Krishnamurthy, professor and head of surgical oncology at the Adyar Cancer Institute, said. "This form of treatment is generally used to manage cancers wherein conventional surgery is not possible or can be used as an adjunct to conventional surgery." The procedure involves using the element at a very cold -196 degrees C to freeze and destroy cancer cells. "The treatment is scientifically described as cryotherapy. It can also be used to obtain biopsies from cancer tissues for further molecular analysis. Another application is to use it as cryo-adhesion to remove foreign bodies," he explained. "During this treatment, liquid nitrogen or any other cooling agent is brought in proximity/contact with the can-



cerous tissue through several techniques, i.e. open spray, cone, dipstick or tweezer. Liquid nitrogen is subsequently pumped to freeze and immediately left to thaw. This process of freezing and thawing is repeated several times to [kill] the cancer cells, largely due to formation of intracellular ice crystals, which will eventually swell, blister, and crust out," Dr. Krishnamurthy added. Cryotherapy has been attempted to treat many cancers, including those of skin, bone, breast, cervical, eye, kidney, liver, lung, and prostate. "Liquid nitrogen should be handled by trained professionals with proper protective gear preferably in a con-

trolled lab or industry, as improper handling or consumption of liquid nitrogen can cause severe damage to the skin, mucous membranes, and internal organs," the surgeon said. A day after the viral video, the Tamil Nadu Food Safety Department cited the Food Safety and Standards Regulations, and the Drug Administration department issued a circular on the use of liquid nitrogen.

The substance can only be used to preserve packaged food, the circular explained. The department also warned of stringent action, including fine and legal proceedings, if it is used for other purposes.

## Can mumps affect adults?

In recent months, there has been a significant increase in mumps cases in city hospitals. This is a major change from the past, when there were very few cases reported each year, The Indian Express previously reported. Experts believe this spike is likely due to a decrease in vaccination rates caused by the Covid pandemic. The majority of hospitalised patients are children between the ages of six and seven. While it's commonly associated with childhood, this does beg the question: Can mumps affect adults?

According to Dr Rajeesh Gupta, Director – Internal Medicine at the CK Birla Hospital, Delhi, adults can contract mumps too, especially if they haven't been vaccinated or haven't received the full course of vaccinations during childhood. In fact, adults who haven't been vaccinated are more susceptible to complications from mumps compared to children, he added.

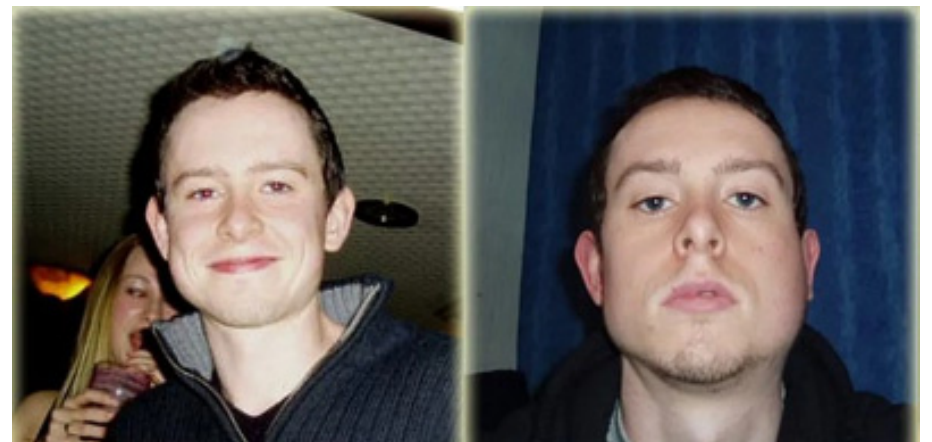
How is mumps different in adults?

According to Dr Shilpa Kulkarni, Consultant – ICU at Ruby Hall Clinic, Wanowrie, in adults, mumps can present with similar symptoms to those seen in children, such as fever, headache, muscle aches, tiredness, and loss of appetite, in addition to acute parotitis (acute, painful swelling of the parotid glands, which are

located beneath the ear pinna). However, she added that adults may also experience more severe complications, including swelling of the testicles (orchitis) in males, which can lead to infertility, as well as inflammation of the ovaries (oophoritis) in females. "Adults are also more likely to experience complications such as meningitis or encephalitis, which can be serious and even life-threatening. Therefore, it's crucial for adults to ensure they're up-to-date with their vaccinations to protect themselves from mumps and its potential complications," Dr Gupta told indianexpress.com in an interaction. Festive offer mumps, mumps outbreak Though less common, mumps can also cause polyarthritis, pancreatitis, or aseptic meningitis, he added. (Source: Wikimedia Commons)

How does mumps spread?

Mumps spreads through contact with saliva and respiratory secretions. This means you can catch it by sharing utensils, cups, or other personal items with someone infected, or by being close to someone who's coughing or sneezing. Close contact in crowded environments, such as schools, universities, or workplaces, can also elevate the risk of transmission, Dr Gupta said. Furthermore, com-



promised immune systems, stress, or fatigue may lower your body's defense mechanisms, potentially increasing susceptibility. To reduce your risk, ensure you are vaccinated, practice good hygiene, avoid close contact with infected individuals, and stay away from crowded environments during outbreaks.

What is the treatment and cure?

Mumps treatment primarily aims to manage symptoms, as no antiviral medications specifically target the mumps virus. The typical approach to treatment in-

volves alleviating pain, reducing fever, and promoting overall comfort while the body combats the infection. Over-the-counter pain relievers such as ibuprofen or acetaminophen are often used to reduce fever and ease the discomfort caused by swollen salivary glands. Staying hydrated is crucial, so drinking plenty of fluids is recommended, especially if there's a loss of appetite or fever. Getting sufficient rest helps the body recover more quickly, and applying warm or cold compresses to the swollen areas can provide additional relief.