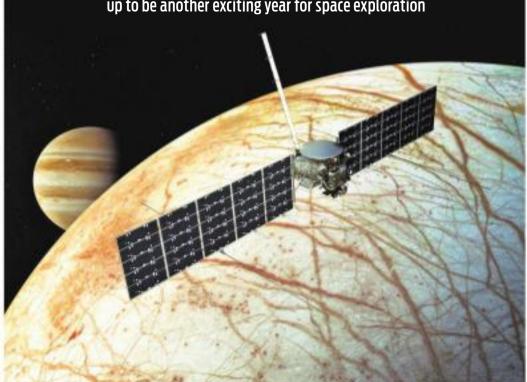
Exciting space missions slated for launch in 2024

2023 proved to be an important one for space missions, with NASA's OSIRIS-REx mission returning a sample from an asteroid and India's Chandrayaan-3 mission exploring the lunar south pole. Here's a look at how 2024 is shaping up to be another exciting year for space exploration



VIPER ON MOON

VIPER, which stands for

Volatiles Investigating Polar Exploration Rover, is a robot

NASA will use to explore the

Moon's south pole in late 2024

This robotic mission is

designed to search for

volatiles, which are

vaporise, like water

and CO₂, at lunar

temperatures

delivery to the lunar surface is

scheduled for November 2024

VIPER's launch and

The Japanese Aerospace

has a robotic mission in

development called the

September 2024

Martian Moon eXploration

The mission's main science

origin of Mars' moons. The

spacecraft will spend three

also land on Phobos and

collect a sample before

returning to Earth

years around Mars conducting

science operations to observe

Phobos and Deimos. MMX will

objective is to determine the

(MMX), planned for launch in

Exploration Agency (JAXA),

JAXA'S MMX

molecules that easily

the size of a golf cart that

EUROPA CLIPPER

NASA will launch Europa Clipper, which will explore one of Jupiter's largest moons, Europa

With Europa Clipper, scientists want to investigate whether Europa's ocean could be a suitable habitat for extraterrestrial life

The mission plans to do this by flying past Europa nearly 50 times to study the

moon's icy shell, its surface's geology and subsurface ocean

The launch window—the period when the mission could launch and achieve its planned route—opens on October 10, 2024, and lasts 21 days. The spacecraft will arrive at the Jupiter system in 2030

ARTEMIS II LAUNCH

The Artemis programme will send humans to the Moon for the first time since 1972, including the first woman and the first person of colour

Artemis II will put astronauts into orbit around the Moon before returning them home. It is currently planned for launch as early as November 2024

ESA'S HERA MISSION

Hera is a mission by the European Space Agency (ESA) to return to the Didymos-Dimorphos asteroid system that NASA's DART mission visited in 2022

But DART didn't just visit these asteroids, it collided with one of them to test a planetary defense technique called "kinetic impact." DART hit Dimorphos with such force that it actually changed its orbit

Hera will launch in October 2024, making its way in late 2026 to Didymos and Dimorphos, where it will study the physical properties of asteroids

US Navy sinks three boats of Houthi rebels

Centcom terms it self defence; several insurgents killed in firing by Navy helicopters; one boat manages to flee

BEIRUT

THE US military said on Sunday that its forces opened fire on Houthi rebels after they attacked a cargo ship in the Red Sea, killing several of them.

The US Central Command (Centcom) said the crew of the USS Gravely destroyer first shot down two anti-ship ballistic missiles fired at the Singapore-flagged Maersk Hangzhou late on Saturday, after the vessel reported getting hit by a missile earlier that evening as it sailed through the Southern Red Sea.

Four small boats then attacked the same cargo ship with small arms fire early Sunday and rebels tried to board the vessel, the US Navy said.

Next, the USS Gravely and helicopters from the USS Dwight D. Eisenhower aircraft carrier responded to the Maersk Hangzhou's distress call and issued verbal warnings to the attackers, who responded by firing on the helicopters.

"The US Navy helicopters returned fire in self-defence," sinking three of the four boats and killing the people on board while the fourth boat fled the



area, the US Central Command said. No damage to US personnel or any equipment was

There was no immediate comment from the Houthis.

The Denmark-based shipping giant Maersk, owner of Maersk Hangzhou, said on Sunday that it would suspend shipping through the Red Sea again after the two attacks on its freighter.

"In light of the (most recent) incident—and to give time to investigate the details of the incident and assess the security situation further—it has been decided that all transits through the area will be postponed for the next 48 hours," Maersk was quoted as saving by the Danish

public broadcaster DR.

The events surrounding the Maersk Hangzhou represented the 23rd illegal attack by the Houthis on international shipping since November 19, the Central Command said. It was the first time the US Navy said its personnel had killed Houthi fighters since the Red Sea attacks started.

For over a month, Houthis have claimed attacks on ships in the Red Sea that they say are either linked to Israel or heading to Israeli ports. They say their attacks aim to end Israeli offensive in the Gaza Strip. *AP*

In New Year message, Xi praises China's economy as more resilient

BEIJING

CHINESE President Xi Jinping said on Sunday that China's economy has become "more resilient and dynamic than before" as he vowed to strengthen the momentum of economic recovery.

"We have gone through the test of winds and rains, have seen beautiful scenes unfolding on real achievements. We will rework and perseverance. Going forward, we have full confidence in the future," Xi said in New

TALKS ON HK AND MACAO

Xi also said China will continue to support Hong Kong and Macao. "China will be reunified, and all Chinese on both sides of the Taiwan Strait should be bound by a common sense of purpose and share in the glory of rejuvenation of Chinese nation," he added.

Year message.

Xi said that as China achieved the way, and have made plenty of a smooth transition in Covid-19 response efforts, its economy has member this year as one of hard sustained the momentum of recovery, and steady progress has been made in pursuing highquality development in the out-

going year, Xinhua news agency reported.

"Having weathered the storm, the Chinese economy is more resilient and dynamic than before," he said.

Noting that next year will mark the 75th anniversary of the founding of the People's Republic of China, he said his government will steadfastly advance Chinese modernisation, fully and faithfully apply the new development philosophy on all fronts, speed up building the new development paradigm, promote high-quality development, and both pursue development and

Belgorod revenge: Russia hits military facilities in Ukraine

KYIV

RUSSIA launched a fresh drone assault on Ukraine on Saturday night, after promising that strikes on the Russian border city of Belgorod earlier in the day "would not go unpunished."

The Ukrainian Air Force said on Sunday that it had shot down 21 of 49 drones launched by Russian forces overnight.

It said the "Shahed" drones were particularly targeted at "the front line of defence, as well as at civilian, military and infrastructure facilities in the front-line territories." Six guided missiles had also targeted Kharkiv.

Twenty-eight people were wounded in an attack on Kharkiv, regional Gov. Oleh Syniehubov said on Sunday. A central hotel, apartment buildings, kindergarten, shops and administrative buildings sustained damage, according to the regional prosecu-

Russia's Defence Ministry said that it had hit "decision-making centres and military facilities" in Kharkiy,

reporting that its strike on the Kharkiv Palace Hotel had "destroyed representatives of the Main Intelligence Directorate and Ukrainian Armed Forces" involved in the "terrorist attack" in Belgorod. Ukrainian Interior Minister Ihor Klymenko said that a British journalist was among the wounded, while German broadcaster ZDF said on Sunday that one of its television crews had been in the hotel. A Ukrainian translator was hit by debris and seriously wounded, with one of the team's security guards also sustaining injuries, *ZDF* said.



RINGING IN 2024

The 9pm "family fireworks" explode over Sydney Opera House during New Years Eve celebrations in Sydney on Sunday | AFP

Israel and Gaza conclude dark year, with no end in sight to war

DEIR AL-BALAH

ISRAELI strikes in central Gaza killed at least 35 people on Sunday, hospital officials said, as fighting raged across the tiny enclave a day after Israel's PM said the war will continue for "many more months."

Benjamin Netanyahu stressed that "the war will continue for many months until Hamas is eliminated and the hostages are

Sunak keen to

India by April

LONDON

of March 2024.

clinch FTA with

(FTA) with India in time for

Easter, which falls at the end

and India's premier Narendra

Modi are said to be keen to get

the deal wrapped up by April,"

reads a report in the *Daily Ex*-

press updated on Saturday. "It

is hoped a deal can be signed

and sealed before India's gen-

eral elections begin on April

source close to the trade talks

on the UK side to say that a lot

of progress has been made, but

some of the 'hardest' aspects

its trade in Scotch whisky and

cars to India, and services and

investment opportunities. PTI

epaper.newindianexpress om

UK hopes FTA will open up

remain pending.

returned. We will guarantee that Gaza will no longer pose a threat to Israel," he said on Saturday. On Sunday, he vowed, "We

will continue our defensive war, the justice and morality of which is without peer."

The military said Israeli forces were operating in Gaza's second-largest city, Khan Younis, and residents reported strikes in the central region.



A girl mourns the death of her relatives in Khan Younis, Gaza City on Sunday | AFP

tral Gaza, an Israeli airstrike killed at least 13 people and wounded dozens of others. The bodies were draped in white plastic and laid out in front of a hospital, where prayers were held before burial.

Officials from Al-Aqsa Hospital in central Deir al-Balah said the 13 were among 35 bodies received on Sunday.

The Israeli military said it was battling militants in Khan Younis, where Israel believes Hamas leaders are hiding. It also said its forces operating in the urban Shati refugee camp, in northern Gaza, found a bomb in a kindergarten and defused it. Israel expanded its offensive to central Gaza this week, targeting a belt of dense, built-up communities that house refugees from the war surrounding Israel's creation in 1948 and their descendants. Agencies

D.No.27-27, Second Cross, Ramnagar Colony, Chittoor Town and District, AP, 517001 here by declare that I have changed my name as SHAIK MUJEEBUNNISA(New Name) for all purposes

CHANGE OF NAME

S.JAFAR ALI, residing at

SHAIK MUJIBUNNISA BEGUM(Old Name) W/o

A.P. TOURISM DEVELOPMENT CORPORATION LTD 5th Floor, Stalin Corporate, Industrial Estate, Autonagar, Vijayawada-07 No.APTDC/PPP/1/2023-24.

E-TENDER NOTIFICATION

APTDC is inviting e-tenders for selection of PPP Developers for 7 Projects at various Tourist locations in Andhra Pradesh. For further details & RFPs visit https://tender.apeprocurement.gov.in and www.tourism.ap.gov.in Sd/- K. KANNA BABU, IAS., Managing Director

DIPR No.2578PP/CL/ADVT/1/1/2021-22, Dt.29/12/2023

GOVERNMENT OF ANDHRA PRADESH RAMAYAPATNAM PORT DEVELOPMENT CORPORATION LIMITED

e-Procurement Tender Notice Online tender Notice No.06/Locomotive/SE/RPDCL/2023, Dt: 29.12.2023 Online tenders are invited for the following works. NIT No.06/Locomotive/SE/ RPDCL/2023. "For Package for Design, Manufacturing, Supply & Commissioning of 2 Nos. 1600 HP Diesel Hydraulic Locomotives (Each Locomotive should contain two Diesel Powerpacks of each 800HP), 1 Set of Intelligent Rail Monitoring System using Drone and 1 Number of In-Motion Weigh Bridge 140 MT capacity"

The details can be viewed and download online directly through www.tender.apeprocurement.gov.in from 03.01:2024 onwards. Last date for submission of online Tenders is 18.01.2024 till 3.00 PM.

Sd/- Superintending Engineer, RPDCL, Mangalagiri DIPR No.2575PP/CL/ADVT/1/1/2021-22, Dt.29/12/2023

SKMF Karnataka Co-Operative Milk Producers' Federation Limited KMF Complex, Dr. M. H. Marigowda Road, Bangalore-560 029.

Phone: 080-26096782, 871 E-mail: director.marketing2@kmf.coop

Expression of Interest

Karnataka Co-operative Milk Producers Federation Ltd (KMF) Bangalore is the second largest Co-operative Milk Producers Federation in India and is marketing milk and milk products in the brand name of "NANDINI" across India. KMF is manufacturing and supplying cattle feed to the farmers through its own units spread across Karnataka. Nandini cattle feed is known for its quality throughout Karnataka. KMF intends to appoint Super stockists/distributors to market its cattle feed across South India and in this regard KMF invites Expression of Interest (EOI) from interested individuals/Firms/Organizations who are interested to be a part of KMF in marketing Nandini cattle in Kerala and Andhra Pradesh States.

Interested candidates may submit their expression of interest with relevant details and a brief write up on their experience and suitability for this on or before 15.01.2024 to director.marketing2@kmf.coop.

For any clarification, Contact Director (Marketing-2) - KMF, at the above numbers during office hours.

The EOI document can be downloaded from our website: www.Kmfnandini.coop. KMF reserves the right to accept or reject any or all applications without assigning any reasons

MANAGING DIRECTOR KARNATAKA MILK FEDERATION Ltd.,

In the area of Zweida in cen-

NEW RESOLUTIONS

Kim vows to launch 3 spy satellites in 2024

SEOUL UK PM Rishi Sunak is keen to

clinch a free trade agreement NORTH Korean leader Kim Jong Un vowed to launch three military spy satellites, produce more nuclear materials and introduce attack drones in 2024, as he called for "overwhelming" war readi-"Prime Minister Mr Sunak" ness to cope with US-led confrontational moves.

He set forth plans to launch three more military spy satellites next year in addition to the country's first reconnaissance satellite launched in November. He underscored the need to establish "a reliable foundation" to build more nuclear weapons. Kim also ordered authorities to enhance submarine capabilities and develop various types of unmanned combat equipment such as armed drones. Kim said "vicious" anti-North Korea moves by the The newspaper quoted a US and its followers "have reached the extremes unprecedented in history," pushing the Korean Peninsula to the brink of a nuclear war, according to KCNA.

> Kim cited the expansion of US-South Korean military exercises and the temporary deployment of powerful US military assets such as bombers and a nuclear-armed submarine in South Korea. Kim called for "the overwhelming war response capability" to deter enemy provocations.

Picici Home Finance | Corporate Office: ICICI Home Finance Company Limited ICICI HFC Tower, Andheri - Kurla Road, Andheri (East), Mumbai - 400059, India Branch Office: Door No. 23-8-156/A, 1st Floor, R. R. Enclave, New Balaji Colony, A.I.R. Bypass Road, Above ICICI Bank, Tirupati - 517502

[See proviso to rule 8(6)] Notice for sale of immovable assets

E-Auction Sale Notice for Sale of Immovable Assets under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to Rule 8 (6) of the Security Interest (Enforcement) Rules, 2002.

Notice is hereby given to the public in general and in particular to the Borrower(s) and Guarantor(s) that the below described immovable property mortgaged/charged to the Secured Creditor, the Symbolic Possession of which has been taken by the Authorized Officer of ICICI Home Finance Company Ltd., will be sold on "As is where is" "As is what is" and "Whatever there is" as per the brief particulars given bereunder:

Sr. No.	Name of Borrower (s)/ Co Borrowers/ Guarantors/ Legal Heirs. Loan Account No.	Details of the Secured asset(s) with known encumbrances, if any	Amount Outstanding	Reserve Price Earnest Money Deposit	Date and Time of Property Inspection	Date & Time of Auction
(A)	(B)	(C)	(D)	(E)	(F)	(G)
1.	P Venkatesh (Borrower) P Rani (Co-Borrower) Loan Account No. LHTRU00001370984	D No. 23 524 Barbers Colony Gandlapalli Village Accounts Chittoor Mandal Chittoor Municipal Corporation Chittoor Dist S No. 335/1 Tirupati-517501	Rs. 17,65,237/- December 15, 2023	Rs. 28,89,780/-	January 08, 2024 11:00 AM- 03:00 PM	January 19, 2024 02:00 PM- 03:00 PM
				Rs. 2,88,980/-		

The online auction will be conducted on website (URL Link- https://BestAuctionDeal.com) of our auction agency Globe Tech. The Mortgagors/ notice are given a last chance to pay the total dues with further interest till January 18, 2024 before 05:00 PM else these secured assets will be sold as per above schedule

The Prospective Bidder(s) must submit the Earnest Money Deposit (EMD) RTGS/ Demand Draft (DD) (Refer Column E) at ICICI Home Finance Company Limited, Door No. 23-8-156/A, 1st Floor, R. R. Enclave, New Balaji Colony, A.I.R. Bypass Road, Above ICICI Bank, Tirupati - 517502 on or before January 18, 2024 before 04:00 PM. The Prospective Bidder(s) must also submit signed copy of Registration Form & Bid Terms and Conditions form at ICICI Home Finance Company Limited, Door No. 23-8-156/A, 1st Floor, R. R. Enclave, New Balaji Colony, A.I.R. Bypass Road, Above ICICI Bank, Tirupati - 517502 on or before January 18, 2024 before 05:00 PM. Earnest Money Deposit Demand Draft (DD) should be from a Nationalized/ Scheduled Bank in

favorof "ICICI Home Finance Company Ltd.- Auction" payable at Tirupati For any further clarifications with regards to inspection, terms and conditions of the auction or submission of tenders, kindly contact ICICI Home Finance Company Limited on 9920807300 or our Sales & Marketing Partner NexXen Solutions Private Limited. The Authorized Officer reserves the right to reject any or all the bids without furnishing any further reasons.

For detailed terms and conditions of the sale, please visit https://www.icicihfc.com/ Date: January 01, 2024 **Authorized Officer** Place: Tirupati

ICICI Home Finance Company Limited





