



As the World Health Organization announces the next step in its rollout of the world's first malaria vaccine in 3 African countries, concerns about its value have come from Bill and Melinda Gates Foundation



The oldest-ever male giant panda in captivity has died at age 35 at a Hong Kong theme park after his health deteriorated. An An lived most of his life at Ocean Park after he and a female panda were gifted to Hong Kong

# Mammal ancestors became warm-blooded much later

The ancestors of mammals started to become warm-blooded around 20 million years later than previously thought

EXFILE RESEARCH

UNSOLVED MYSTERIES

Researchers suggested this theory after analysing inner-ear fossils hoping to solve "one of the great unsolved mysteries of palaeontology"

FINDINGS OF PREVIOUS RESEARCH

Previous research has indicated that ancestors of mammals began evolving warm-bloodedness, or endothermy, around

252

million years ago—around the time of the Permian extinction, known as the "Great Dying"

However, figuring out the timeline has proved difficult

EXAMINING SEMICIRCULAR CANALS

Araujo was part of an international team of researchers that found a new way to determine how body heat changed throughout time, by examining the semicircular canals in the inner ears of 56 extinct species of mammal ancestors

DEVELOPING A NEW MODEL

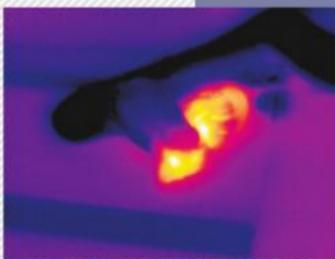
The team developed a model that not only works on extinct mammal ancestors but also living mammals, including humans

LATE TRIASSIC PERIOD

Using the model, they traced the beginnings of warm-bloodedness to around 233 million years ago, in the Late Triassic period

WARM EAR FLUID

Fluid runs through the tiny ear canals and helps animals in keeping their balance. It soon dawned upon the researchers and they realised that as the temperature of the body started to warm up, so did the fluid in the ear of the animals



Difference in temperature of a snake consuming a mouse shown through a thermal image

PROBLEMS FACED DURING THE STUDY

"The problem is that you cannot stick thermometers in your fossils, so you cannot measure their body temperature," said Ricardo Araujo of the University of Lisbon, one of the authors of a study in the journal Nature

Artistic impression of a mammal ancestor breathing out hot air on a cold night, hinting that it is warm-blooded

PONDERING ON WARM-BLOODEDNESS

Warm-bloodedness is one of the quintessential characteristics of mammals, along with fur, but exactly when they first evolved the feature has long been a subject of debate

MODERN VERTEBRATES

Michael Benton, a palaeontologist at Britain's University of Bristol who was not involved in the study, said the new metric "seems to work well for a wide array of modern vertebrates"

TRACKING BODY TEMPERATURE

The runner ear fluid led to animals evolving narrower canals—which can be measured in fossils, allowing the researchers to track body temperature over time

CONTRADICTIONARY VIEWS

Benton, whose previous research had given the 252 million years date, said the transition to warm-bloodedness likely took place in stages, and "there were several significant prior steps before this semicircular canal switch"

TEMPERATURES 252 MILLION YEARS AGO

Lead study author Romain David said it seemed unlikely that warm-bloodedness would begin around the extinction event 252 million years ago, because global temperatures were extremely hot then

DISADVANTAGE FOR WARM-BLOODED ANIMALS

That would have been a disadvantage for warm-blooded animals—but they could have thrived as temperatures cooled in the following millions of years

WEBB'S NEW FEAT

# Distant galaxy possibly found

SPACE

WASHINGTON: Just a week after its first images were shown to the world, the James Webb Space Telescope may have found a galaxy that existed 13.5 billion years ago, a scientist who analysed the data said on Wednesday.

Known as GLASS-z13, the galaxy dates back to 300 million years after the Big Bang, about 100 million years earlier than anything previously identified, Rohan Naidu of the Harvard Center for Astrophysics told AFP.

"We're potentially looking at the most distant starlight that anyone has ever seen," he said.

The more distant objects are from us, the longer it takes for their light to reach us, and so to gaze back into the distant universe is to see into the deep past. Though GLASS-z13 existed in the earliest

era of the universe, its exact age remains unknown as it could have formed anytime within the first 300 million years.

GLASS-z13 was spotted in so-called "early release" data from the orbiting observatory's main infrared imager, called NIRCam—but the discovery was not revealed in the first image set published by NASA last week.

When translated from infrared into the visible spectrum, the galaxy appears as a blob of red with white in its centre, as part of a wider image of the distant cosmos called a "deep field."

Naidu and colleagues have submitted their findings to a scientific journal.

For now, the research is posted on a "preprint" server, so it comes with the caveat that it has yet to be peer-reviewed—but it has already set the global astronomy community abuzz.

# Wild tiger estimate up 40%

WILDLIFE

There are 40% more tigers in the wild than previously thought, but with a maximum of 5,578 on the prowl, they remain an endangered species,

conservationists said on Thursday. The jump in numbers is due to improved monitoring, with the population thought to be stable or increasing, said the International Union for Conservation of Nature.

**PUBLIC NOTICE**

ICICI Bank Branch Office: ICICI Bank Ltd. 4/10, Mythree Tower, Bommanhalli Hosur Main Road Bangalore- 560068

The following borrower/s have defaulted in the repayment of principal and interest of the loans facility obtained by them from the Bank and the loans have been classified as Non-Performing Assets (NPA). A notice was issued to them under Section 13 (2) of Securitisation and Re-construction of Financial Assets and Enforcement of Security Interest Act-2002 on their last known addresses, however it was not served and hence they are hereby notified by way of this public notice.

Sr. No.	Name of the Borrower/ Co-Borrower/ Guarantor/ (Loan Account Number) & Address	Property Address of Secured Asset / Asset to be Enforced	Date of Notice Sent/ Outstanding as on Date of Notice	NPA Date
1.	Vijo Williams W G/ Gracy/ 37 Kudayil Anavoor Village Neyyattinkara Trivandrum Sy No.341/2 Resy No.218 /12 Trivandrum- 695120-LBTVM00004406353, LBTVM00004406354	(As Described in The Loan Document/ Property Document Covering Re Sy No. 218/12-5, Block No 37 Kudayil, Anavoor Village Neyyattinkara Taluk, Sy No.341/2 Re Sy No.218/12-5, Trivandrum 695124 (Admeasuring an area of 2482 North: Sy No. 306/1 South: Sy No.306/1 East: Kandam of Vazhalian Nair West: Property of Keezhper Vilikam	04-08-2022 Rs. 15,90,127.00/-	06-05-2021
2.	Souryamol V J/ Ms Remyamol V J/ Aswini Health Specialities India Pvt Ltd IV 675 Ferry Road Kalamassery Kerala Cochin- 683104-LBCC00004944927	(As Described in The Loan Document/ Property Document Covering Re Sy No.345, 6-3-2, Erumel North Village, Kanjirapally Taluk, Kottayam 686513 (Admeasuring an area of 2613 North: own Property South: own Property East: Property of Cheruvil West: Private Road	22-06-2022 Rs. 11,86,591.00/-	06-05-2022

The steps are being taken for substituted service of notice. The above borrower/s and/or their guarantors (as applicable) are advised to make the payments of outstanding within period of 60 days from the date of publication of this notice else further steps will be taken as per the provisions of Securitisation and Re-construction of Financial Assets and Enforcement of Security Interest Act, 2002.

Date: July 22, 2022  
Place: Cochin (Ernakulam)  
Authorized Officer  
ICICI Bank Limited

**Online E - Auction Sale Of Asset**

**KOTAK MAHINDRA BANK LIMITED**

Registered office: 27 BAC, C-2, G-Block, Baroda Kankia Complex, Baroda (G) Mumbai, Maharashtra, Pin Code-400 061  
Branch Office: Ground Floor, Seelam Centre Avenue, Anandhi Road, Coimbatore-641015.

**SALE NOTICE FOR SALE OF IMMOVABLE PROPERTIES**

E-Auction Sale Notice For Sale Of Immovable Assets Under The Securitisation And Reconstruction Of Financial Assets And Enforcement Of Security Interest Act, 2002 under Rule 8(b) Read with provision to rule 8 (b) Of The Security Interest (Enforcement) Rule, 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 physical Possession Of Which Has Been Taken By The Authorised Officer Of Kotak Mahindra Bank Ltd. On 05.08.2021, pursuant to the assignment of debt in its favour BY Bajaj Housing Finance Limited (hereinafter to be referred as BHFL), Will Be Sold On "As is Where is", "As is What is", And "Whatever There is" basis On 25.08.2022 between 12:00 Pm To 01:00 Pm With Unlimited Extension Of 5 Minutes, For Recovery Of Rs. 28,08,000/- (Rupees Twenty Eight Lakhs Eight Thousand Only) And The Earnest Money Deposit Will Be: Rs. 2,80,800/- (Rupees Two Lakhs Eighty Thousand Eight Hundred Only) and Last Date Of Submission Of Bid With Kyc is 24.08.2022 UP TO 6:30 P.M. (IST).

Property Description-ALL PIECE AND PARCEL OF THE PROPERTY ADMEASURING 2.77 AREAS OF LAND AND BUILDINGS HAVING OLD BUILDING NUMBER XIII714C1 AND NEW BUILDING NUMBER V/267 AND ALL COMPRISED IN SY NO 2/3, POTTA VILLAGE, CHALAKUDY TALUK AND CHALAKUDY SUB DISTRICT, THRISSUR DISTRICT BOUNDED ON THE NORTH BY: 12 FEET WIDE PRIVATE WAY/SUB DIVISION OF PROPERTY OF KANDAN LOANAPPAN/EAST BY PROPERTY OF ARAVINDAKSHAN CHUNDAYIL/WEST BY: PROPERTY OF STARJIJI ALOOKKARAN

The Borrower's Attention is invited To The Provisions Of Sub Section 8 Of Section 13, Of The Act, In Respect Of The Time Available, To Redeem The Secured Asset Public in General and borrowers in particular please take notice that in case auction scheduled herein fails for any reason whatsoever 100% secured creditor may enforce security interest by way of sale through private treaty IN CASE OF ANY CLARIFICATION/REQUIREMENT REGARDING ASSETS UNDER SALE, BIDDER MAY CONTACT MR. VISWAL ADISHESHAN (+91 9941016600), MR. RAJENDER DAHIA (+91 8448264515), MR. NAGARAJ (+91 8296621749) & MR. NIRMAL RAJ (+91 9846909995). FOR DETAILED TERMS AND CONDITIONS OF THE SALE, PLEASE REFER TO THE LINK [HTTPS://WWW.KOTAK.COM/EN/BANK-AUCTIONS.HTML](https://www.kotak.com/en/bank-auctions.html) PROVIDED IN KOTAK MAHINDRA BANK WEBSITE I.E. [WWW.KOTAK.COM/INDIOR/OTM/HTTPS://BANKAUCTIONS.IN](http://WWW.KOTAK.COM/INDIOR/OTM/HTTPS://BANKAUCTIONS.IN)

PLACE: KERALA  
DATE: 22.07.2022  
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**PUBLIC NOTICE**

**CHANGE OF NAME**  
I, K.K.KUSUMA KUMARY (Existing Name as per Service Documents) spouse of JC-690760Y Rank Ex SUBEDAR Name : PURUSHOTHAMAN PILLAI P.G. OF INDIAN ARMY, resident of KANDANALAYAM, KEEZHPAADAM, PONDUR, DIST PALAKKAD, KERALA-PIN-678592 have changed my name from K.K.KUSUMA KUMARI to KUSUMAKUMARI KK (proposed/adopted New Name) vide Affidavit dated 19-07-2022 (date of the Affidavit in DOMYYYY format) before JUDICIAL FIRST CLASS MAGISTRATE-III, PALAKKAD-678001 (Name and place of the Court)

**CHANGE OF NAME**  
I, Viswanathan. K (Army No. 1077946H, Ex-DFR), resident of SUDHITH Bhavan, Kadampnan PO Pathanamthitta, Kerala 691552, declares that as per Army records the name of my wife entered as Suloyana.L and the same is changed as SULOCHANA .L

**CHANGE OF NAME**  
I, K. Sobhana spouse of 14485067X Hav-Vijayan.S resident of Block No. 813, Ramakkalmedu P.O, Idukki, Pin: 685552, have changed my name from K. Sobhana to Sobhana Vijayan vide affidavit dated 19.07.2022 before Tijo Prakash Joseph, Notary, Nedumkandam.

**CHANGE OF NAME**  
I, Rani Srinivas wife of late Ex.sgt. Sreenivasan resident of Thaiparambil, Pazhaveedu P.O, Alappuzha - 688 009, Kerala changed my name from RANI SRINIVAS to RANIAMMA.B vide affidavit dated 15/07/2022 at Alappuzha District, Kerala.

**QuoteExpress**

**IF YOU'RE GOING THROUGH HELL, KEEP GOING**

WINSTON CHURCHILL

# Russia resumes gas supplies to Europe

Germany suspects Kremlin might trigger energy crisis this winter

ENERGY

BERLIN: Russia on Thursday restored critical gas supplies to Europe through Germany via the Nord Stream pipeline after 10 days of maintenance, but suspicion lingered that the Kremlin would trigger an energy crisis on the continent this winter.

Germany, which is heavily dependent on Russian gas, had feared that Moscow would not reopen the pipeline after the scheduled work and accused Moscow of using energy as a "weapon".

The showdown came amid the worst tensions in several years over Russia's invasion of Ukraine. Germany believes Russia is squeezing supplies in retaliation for Western sanctions over the war.

Klaus Mueller, head of Germany's energy regulator, said that by late morning gas flows were on track to return to 40% of the pipeline's capacity—the same reduced level as before the maintenance work.

"But given the missing 60% (of supply) and political instability, there is no reason to sound the all-clear," he tweeted. German Economy Minister Robert Habeck angrily dismissed Russian claims that it was a guarantor of Europe's energy supply, saying that Moscow had become a growing "insecurity factor" in the sector. "In fact, Russia is using the



great power we gave it to blackmail Europe and Germany," Habeck of the ecologist Green party told reporters.

Enduring German reliance on Russian gas coupled with alarming signals from Moscow have turned up the pressure on Europe's top economy.

A total shutdown of imports or a sharp reduction in the flow from east to west could have a catastrophic effect, shutting factories and forcing households to turn down the heat.

Even the resumption of 40% of supplies would be insufficient to ward off energy shortages in Europe this winter, experts warned. The International Monetary Fund said on Wednesday that a halt in supplies could slash Germany's gross domestic product this year by 1.5%.

Russia's state-owned energy giant Gazprom cut flows to Germany via the Nord Stream 1 pipeline under the Baltic Sea to some 40% of capacity in recent weeks, blaming the absence of a Siemens gas turbine that was undergoing repairs in Canada.

The turbine is reportedly en route to Russia and expected to arrive on Sunday at the earliest. The German government has rejected Gazprom's explanation as an "excuse", noting that the turbine was one of several available.

Moscow's explanation for the supply shortfall shifted again on Thursday, as it said that gas delivery problems to Europe were caused by Western sanctions. "Any technical difficulties linked to this are caused by those restrictions that European countries introduced themselves," Kremlin spokesman Dmitry Peskov told reporters, dismissing blackmail accusations as "completely" unfounded. Russian President Vladimir Putin insisted this week that Gazprom would meet all its delivery obligations.

"Gazprom has fulfilled, is fulfilling and will fulfil its obligations in full," Putin told reporters in Tehran after holding talks with the leaders of Iran and Turkey.

He warned, however, that as another gas turbine was due to be sent for maintenance at the end of this month, energy flows could fall to 20% of capacity from next week.

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