



The World Health Organization urged Equatorial Guinea to report all Marburg virus cases to the WHO, amid fears that transmission may be more widespread than divulged, warning communities need alerting



Cases opened on Wednesday before the European Court of Human Rights against France and Switzerland over alleged failings to protect the environment, marking the first time governments are in the court's dock



### Elephant in the dining room: Startup makes mammoth meatball

An Australian company on Tuesday lifted the glass cloche on a meatball made of lab-grown cultured meat using the genetic sequence from the long-extinct mammoth, saying it was meant to fire up public debate about the hi-tech treat

EX FILE SCIENCE

#### CELL-BASED MEAT

Cultivated meat—also called cultured or cell-based meat—is made from animal cells. **Livestock doesn't need to be killed to produce it**, which advocates say is better not just for the animals but also for the environment

#### FORMATION OF THE MAMMOTH MEATBALL

Australian startup Vow used publicly available genetic information from the mammoth, filled missing parts with genetic data from its closest living relative, the African elephant, and inserted it into a sheep cell, Tim Noakesmith, the founder said

#### MAMMOTH MEATBALL NOT TASTED YET

The mammoth meatball is a one-off and has not been tasted, even by its creators, nor is it planned to be put into commercial production

Instead, it was presented as a source of protein that would get people talking about the future of meat



#### CELLS MULTIPLYING

Given the right conditions in a lab, the cells multiplied until there were enough to roll up into the meatball

#### GLAZED MEATBALL

#### ENVIRONMENTAL IMPACT OF MEAT PRODUCTION

Experts say that if the technology is widely adopted, it could vastly reduce the environmental impact of global meat production in the future

Currently, billions of acres of land are used for agriculture worldwide

#### OUTLIER IN NEW MEAT CULTIVATION SECTOR

Seren Kell, science and technology manager at Good Food Institute, a nonprofit that promotes plant- and cell-based alternatives to animal products, said the mammoth project with its unconventional gene source was an outlier in the new meat cultivation sector, which commonly focuses on traditional livestock—cattle, pigs and poultry

The jumbo meatball on show in Amsterdam—sized somewhere between a softball and a volleyball—was for show only and had been glazed to ensure it didn't get damaged on its journey from Sydney

But when it was being prepared—first slow baked and then finished off on the outside with a blow torch—it smelled good

#### SELLING JAPANESE QUAIL MEAT

Vow is hoping to sell its first product there—a cultivated Japanese quail meat—later this year



## Musk, others call for pause in developing AI

Open letter seeks putting AI systems on hold for at least 6 months

#### TECHNOLOGY

PARIS: Billionaire mogul Elon Musk and a range of experts called on Wednesday for a pause in the development of powerful artificial intelligence (AI) systems to allow time to make sure that they are safe.

An open letter, signed by more than 1,000 people so far including Musk and Apple co-founder Steve Wozniak, was prompted by the release of GPT-4 from San Francisco company OpenAI.

The company says its latest model is much more powerful than the previous version, which was used to power ChatGPT, a bot capable of generating tracts of text from the briefest of prompts.

"AI systems with human-competitive intelligence can pose profound risks to society and humanity," said the open letter titled as "Pause Giant AI Experiments."

"Powerful AI systems should be developed only once we are confident that their effects will be positive and their risks will be manageable," it said. Musk



Elon Musk | AFP

was an initial investor in OpenAI, spent years on its board, and his car company Tesla develops AI systems to help power its self-driving technology, among several other applications.

The letter, hosted by the Musk-funded Future of Life Institute, was signed by prominent critics as well as competitors of OpenAI like Stability AI chief Emad Mostaque.

The letter quoted from a blog written by OpenAI founder Sam Altman, who suggested that "at some point, it may be important to get independent

review before starting to train future systems." "We agree. That point is now," the authors of the open letter wrote.

"Therefore, we call on all AI labs to immediately pause for at least six months the training of AI systems more powerful than GPT-4."

They also called for governments to step in and impose a moratorium if companies failed to agree.

The six months should be used to develop safety protocols, AI governance systems, and refocus research on ensuring AI systems are more accurate, safe, "trustworthy as well as loyal."

The letter did not detail the dangers revealed by GPT-4.

But researchers including Gary Marcus of New York University, who signed the letter, have long argued that chatbots are great liars and have the potential to be superspreaders of disinformation. However, author Cory Doctorow has compared the industry of AI to a 'pump and dump' scheme, arguing that both have been massively overhyped.

## Scientists discover ancestor of wombat

#### WILDLIFE



The picture shows the left lower jaw of the *Mukupirna fortidentata* (top) compared with that of the wombat | AFP

SYDNEY: A chunky wombat ancestor with a powerful bite wandered Australia's once-lush Outback around 25 million years ago munching on fruit and nuts, fossils found by Australian scientists have shown.

A team of scientists from Flinders University pieced together fossils uncovered in Australia's remote Northern Territory to reveal the long-extinct marsupial named *Mukupirna fortidentata*.

The palaeontologists also identified an ancient possum named *Chunia pledgei*, which they said had "bizarre nut-

cracker teeth."

"These curious beasts are members of marsupial lineages that went extinct long ago, leaving no modern descendants," said Arthur Crichton, from Flinders University's Palaeontology Laboratory.

"Learning about these animals helps put the wombat and possum groups that survive today in a broader evolutionary context."

The fossils were uncovered in several digs over the past decade, enabling the team to reconstruct the archaic animals back in the laboratory.

The wombat-like creature boasted a powerful bite, likely dined on tough fruits and nuts and was thought to weigh up to 50 kilograms, making it one of the largest marsupials alive at the time.

The creature is linked to *Mukupirna nambensis*—discovered in 2020—a giant relative that would dwarf most of today's wombats.

Although it was unclear what drove the beast extinct, it disappeared during a period of changing climate as ancient forest regions in Australia's arid became increasingly arid, said Professor Gavin Prideaux, director of the university's palaeontology lab.

## 67-million-year old Trinity skeleton to go under the hammer

#### PALAEONTOLOGY

ZURICH: A curator gingerly fastens a pointy claw bone with a thin metal wire, completing perhaps the world's biggest construction kit—reassembling a 67-million-year-old *Tyrannosaurus-Rex* called Trinity.

The skeleton will go under the hammer in a rare auction in Switzerland next month after being sent to Zurich from the US in nine giant crates.

But palaeontologist Thomas Holtz—who is against the sale of such specimens—told AFP that it was "misleading" and "inappropriate... to combine multiple real bones from different individuals to create a single skeleton."

Experts have warned such trade could be harmful to science by putting the specimens in private hands and out of the reach of researchers.

"Fossils are not, or at least should not be, considered trophies or glorified action figures," Holtz, vertebrate palaeontologist at the University of Maryland said.

The sale comes four months after Christie's withdrew another T-Rex skeleton days before it was to go under the hammer in after doubts were reported about parts of it.

Trinity, the Swiss T-Rex, is made up of bones from three dinosaurs excavated between 2008 and 2013 from the Hell Creek and Lance Creek formations in Montana and Wyoming. The two sites are known for the discoveries of two other significant T-Rex skeletons that have gone to auction. "Sue" went under the hammer in 1997 for \$8.4 million, and "Stan," which took the world-record hammer price of \$31.8 million at Christie's, in 2020.

Trinity, which is being sold by an anonymous "private individual," is expected to fetch \$6.5-8.7 million when it goes under the hammer on April 18, the auction house estimates.

The 3.9-metre high skeleton went on display on a red carpet in a concert hall in the city on Wednesday.

**KOTAK MAHINDRA BANK LIMITED**

Registered Office: 27 BKC, C27, G Block, Bandra Complex, Bandra (E), Mumbai-400051.  
Branch Office: #29-4-19, Kodanaramireddy Street, Opp. Rahman Park Water Tank, Gannavaram, Vijayawada-520002

**E-AUCTION SALE NOTICE FOR SALE IMMOVABLE PROPERTIES**

[REFER IV-A TO RULE 8(6)]

**Appendix-IV-A**

Loan Account No.	Name of the Borrower/Co-Borrower(s)/Guarantor (S)	Demand Notice Amount and Date	Reserve Price (RP)	EMD (10% of RP) and Last Date	Inspection Date & Time	Date of Auction & Time	Total Out Standing	Known Encumbrance, if Any.
112787196 & 7813CL 0100000018 (CRN 201788054)	1) M/s. Kamadhenu Outsourcing Private Limited, 2) Mr. K. Linga Reddy, 3) Mrs. Koppula Narmada, 4) Mr. Bhumireddy Rajasekar Reddy, 5) Mr. Gowanna Dhanunjaya, 6) Mr. Bathala Lakshmi Narasimha Murthy, 7) Mr. Venna Pusala Chenna Reddy	Rs. 2,94,61,991.08 Ps (Rupees Two Crore Ninety Four Lakhs Sixty One Thousand Nine Hundred Ninety One and Paise Eight Only) due as on 12.08.2021	RP Amount for Item-1: Rs.2,16,73,260/- (Rupees Two Crore Sixteen Lakhs Seventy Three Thousand Two Hundred and Sixty Only) RP Amount for Item-2: Rs.58,75,840/- (Rupees Fifty Eight Lakhs Seventy Six Thousand Six Hundred and Forty Only)	Item 1 EMD amount Rs.21,67,326/- (Rupees Twenty One Lakhs Sixty Seven Thousand Three and Hundred Twenty Six Only) Item 2 EMD amount Rs.5,87,584/- (Rupees Five Lakhs Eighty Seven Thousand Six Hundred and Sixty Four Only) Last date of Bid Submission and Time 09.05.2023 Time before 4:00 PM	On 20.04.2023 From 11:00 AM to 03:00 P.M.	On 11.05.2023 At 03.00 P.M.	Rs. 3,68,36,867.58 (Rupees Three Crore Sixty Eight Lakhs Thirty Six Thousand Eight Hundred Sixty Seven and Paise Fifty Eight Only) as on 03 Oct 2022	Nil

**DETAILS OF THE IMMOVABLE PROPERTIES/ PROPERTY:**

**Mortgage Properties: Item No.1: (under Regd. Sale Deed No.687/2016 at Sub Registrar, Anantapur):** All that the piece and parcel of Open Plot in S.No.342, 12th Ward, admeasuring 966.16 Sq.yards Opp. Smash Badminton Academy, Adarsh Nagar, Anantapur Municipality & District-515001 within the Registration District and Sub-Registration District of Anantapur. Owned by Mrs. K. Narmada. Bounded by: North, Road, South: 40' Feet Road, East: Plot of K. Narmada in the same Sy.No. and Land of others, West: Plot sold by Dr. K. Saijananih to others. Within these Boundaries land measuring From East to West: 93 Feet or 28.37 Meters, From North to South 93.5 Feet or 28.52 Meters. Total admeasuring to 966.16 Sq.yards

**Item No.1/1: (under Regd. Sale Deed No.688/2018 at Sub Registrar, Anantapur):** All that the piece and parcel of Open Plot in S.No.342, 12th Ward, admeasuring 266.66 Sq.yards Opp. Smash Badminton Academy, Adarsh Nagar, Anantapur Municipality & District-515001 within the Registration District and Sub-Registration District of Anantapur. Owned by Mrs. K. Narmada. Bounded by: East, Road, West: Plot of K. Narmada in the same Sy.No., North: Plot of Others, South: 40' Feet Road, Within these Boundaries land measuring From East to West: 80 Feet or 24.40 Meters, From North to South: 30 Feet or 9.15 Meters total admeasuring to 266.66 Sq.yards.

The Auction will be conducted online through the Bank's approved Service provider M/s. C1 India Private Limited, at their web Portal www.bankauctions.com. The Authorised Officer shall have absolute discretion to cancel the e-auction at any point of time, without assigning any reason. For detailed terms and conditions of E-Auction sale tender document containing online e-auction Bid Form, Declaration etc; Please refer to the link provided in www.bankauctions.com & https://www.kotak.com/en/bank-auctions.html and also contact Mr. Ramachandran Rallabandi - 9515662010 & Mr. Nagendra - 8976898308 Date: 30.03.2023, Place: Vijayawada Sd/- Authorized Officer, For Kotak Mahindra Bank Ltd.

**TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD.**

NOTICE INVITING TENDER (E-TENDERING PROCESS)

Sl. No.	Tender Inviting Authority	Specification No	Total
1	CE/EMM	M77	1

Due date Extension

1	SE/PA/ITPS	TTPS 3181-S	1
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For details of works / Procurement / Due date of submission/opening, viewing and downloading of e-tenders, please visit website: www.tangedco.gov.in, www.tenders.in.gov.in, www.tenders.gov.in/tcgaapp.

DIPR/1946/Tender/2023

**KERALA WATER AUTHORITY e-Tender Notice**

Tender No : 185/2022-23/KWA/PHC/D3/TVM, 186/2022-23/KWA/PHC/D3/TVM

JM-2021-24-CRVSS TO ARYANAND AND UZHAMALAKKAL PANCHAYATHS (1)Distribution from Mangattupara SJMP to Uzhamalakkal panchayath-2850 FHTC (2)Distribution from Mangattupara GLSR to Uzhamalakkal panchayath-2676 FHTCs EMD : Rs. 500000/-, each tender fee : Rs. 19518/- each. Last Date for submitting tender : 19-04-2023 03:00pm. Phone : 04712322303

Website : www.kwa.kerala.gov.in, www.etenders.kerala.gov.in

KWA/IB-GL-E-186-2022-23 Superintending Engineer, PH Circle, Thiruvananthapuram

**SHIRIRAM SHIRIRAM FINANCE LIMITED**

Registered Office: Sri Towers, Plot No.14A, South Phase, Industrial Estate, Guindy, Chennai - 600 032. Website: www.shriramfinance.in Branch Office : PUNGANUR

**DEMAND NOTICE**

We, M/s. Shiriram Finance Limited (formerly known as 'Shriram City Union Finance Limited' amalgamated with Shiriram Transport Finance Limited and converted as Shiriram Transport Finance Limited as per the orders of NCLT Bench-II Chennai dated 09.11.2022) and thereafter obtained the approval to rename as Shiriram Finance Ltd (Ministry of Corporate Finance letter dated 30.11.2022). It is a company registered under the Companies Act, 2013 and also registered with RBI to do Non-Banking Finance business having its registered office at Sri Towers, Plot No.14A, South Phase, Industrial Estate, Guindy, Chennai - 600032 Branch at Punganur

Whereas the borrowers/co-borrowers/guarantors/ mentioned hereunder had availed the financial assistance from SHIRIRAM FINANCE LTD (SFL) We state that despite having availed the financial assistance, the borrowers/guarantors have committed various defaults in repayment of interest and principal amounts as per due dates. The account has been classified as Non Performing Asset in accordance with the directives/guidelines issued by Reserve Bank of India, consequent to the Authorized Officer of SHIRIRAM FINANCE LTD(SFL)Branch at Punganur under Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 & in exercise of powers conferred under Section 13(2) read with Rule 3 of Security Interest (Enforcement) Rules, 2002 issued Demand Notices on respective dates mentioned herein below under Section 13(2) of SARFAESI Act, 2002 calling upon the following borrowers / guarantors /mortgagors to repay the amount mentioned in the notices together with further interest at the contractual rate on the amount mentioned in the notices and incidental expenses, cost, charges etc until the date of payment within 60 days from the date of receipt of notices.

The notices issued to them on their last known addresses have returned un-served and as such they are hereby informed by way of public notice about the same. The borrower's attention is invited to provisions of sub-section (8) of section 13 of the Act, in respect of time available, to redeem the secured assets.

1)Kondaveeti Nagaraja (DIED) S/o K Subbaiah Residing at D.No-27-40/2, Old Bus Stand Rayalaseema High School, Punganur, Chittoor Dist-517247; Ph No-9618117475

2)K Amayamma/W/o K Nagaraja Residing at D.No-27-40/2, Old Bus Stand Rayalaseema High School, Punganur, Chittoor Dist-517247; Ph No-944222203.

3)G Deva Kumar,S/o.Venkatramana,Working as Teacher in Municipal Primary School, Melupattai (E),Punganur(M),Chittoor Dist.

4)K.Nataraja (son),S/o K Nagaraja aged about 43 years Residing at D.No-27-40/2, Old Bus Stand Rayalaseema High School, Punganur, Chittoor Dist-517247

5)K Nagendra (son),S/o K Nagaraja aged about 37 years Residing at D.No-27-40/2,Old Bus Stand Rayalaseema High School,Punganur,Chittoor Dist-517247 ( 4 to 5 Are The Legal Heirs Of The Deceased No 1)

**NPA Date: 08.06.2021 Date of Demand Notice: 02.02.2023**  
**Loan Amount:Rs.30,00,000/- (Rupees Thirty Lakhs only)**  
**Demand Notice Amount:Rs.28,85,199/- (Rupees Twenty Eight Lakhs Eighty Five Thousand One Hundred and Ninety Nine Only)**

**Schedule of the Property**

Chittoor District, Punganur Sub District Punganur Mandal Punganur Survey Group, Punganur Town and Municipality, Block No-27, M B T Road, Sy No-248/2 a total extent of Ac :.108 cents and in it extent of 37.77 sq.yards of site and in it Constructed RCC Building bearing Door No-27-157 with Assessment No-1010006246 Bounded on:- East : 4 ft width Joint lane, West : M B T Road, North : Shop Room of P Lohesh, South: Shop Room of Mirapakayala Azammulla Nazeer Saheb.

Within these site admeasuring East to West 40 ft and 12.194 mts and North to South 8.5 ft or 2.593 mts comprising a total extent of 37.77 sq.yards of site and in it Constructed RCC Building having Ground Floor and First Floor admeasuring East to West 40 ft and North to South 8.5 ft. Comprising a total extent of 340 sq.ft of each floor along with joint half share in Northern Side wall and Full share in the remaining walls along with all fixtures and appurtenant therein along with right of way and all easementary rights.

**Item No 2: Property covered under Document No-3591/1989**

Chittoor District, Punganur Sub District Punganur Mandal Punganur Survey Group, Punganur Town and Municipality, Block No-27, M B T Road, Sy No-248/2 a total extent of Ac :1.08 cents and in it extent of 38 sq.yards of site and in it Constructed RCC Building bearing Door No-27-157C, with Assessment No-1010006246 Bounded on:- East : 4 ft width Joint lane, West : M B T Road, North : Shop Room of P Lohesh, South: Shop Room of Mirapakayala Azammulla Nazeer Saheb.

Within these site admeasuring East to West 40 ft and 12.194 mts and North to South 8.5 ft or 2.593 mts comprising a total extent of 37.77 sq.yards of site and in it Constructed RCC Building having Ground Floor and First Floor admeasuring East to West 40 ft and North to South 8.5 ft. Comprising a total extent of 340 sq.ft of each floor along with joint half share in North and Southern side wall and Full share in the remaining walls along with all fixtures and appurtenant therein along with right of way and all easementary rights.

In the circumstances as aforesaid, the notice is hereby given to the above borrowers, co-borrowers and/ or their guarantors (where ever applicable) to pay the outstanding dues as mentioned above along with future interest and applicable charges within 60 days from the date of the publication of this notice failing which further steps will be taken after the expiry of 60 days of the date of this notice against the secured assets including taking possession of the secured assets of the borrowers and the mortgagors under Section 13(4) of Securitization and Re-construction of Financial Assets and Enforcement of Security Interest Act, 2002 and the applicable rules there under.

**Please note that under Section 13 (13) of the said Act, no Borrower shall, transfer by way of sale, lease or otherwise any of his secured assets referred to in the notice, without prior written consent of the secured creditor.**

Date : 29.03.2023 Sd/-Authorized Officer  
Place : Punganur Shiriram Finance Ltd