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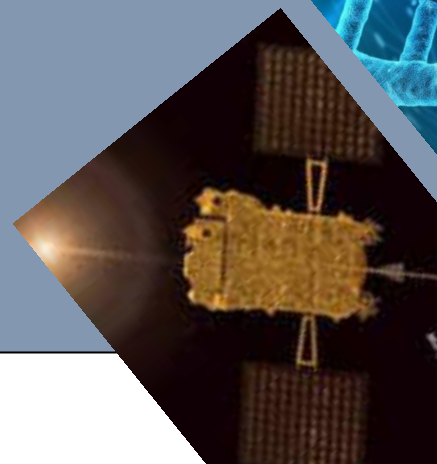
CHANGANASSERY, KERALA

# BERCHLY

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# ARTS

## **Vadodara boy to perform at Asiad opening ceremony**

**(September 19,2023)**

Ved Prajapati, a 20-year-old tabla player from India, has been selected as the only Indian artist to perform at the opening ceremony of the Asian Games in China. Prajapati, a masters student at MS University, started his musical journey at the six. After being short listed from group of ten tabala players, he was invited to record a song in bali with other artist from India.

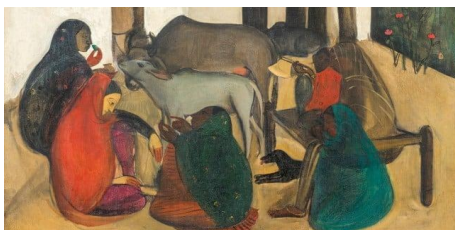


Read more:

[http://timesofindia.indiatimes.com/articleshow/103775541.cms?utm\\_source=contentofinterest&utm\\_medium=text&utm\\_campaign=cppst](http://timesofindia.indiatimes.com/articleshow/103775541.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst)

## **Amrita Sher-Gil ' s painting breaks record for the most expensive Indian artwork ever sold**

**(September 19, 2023)**



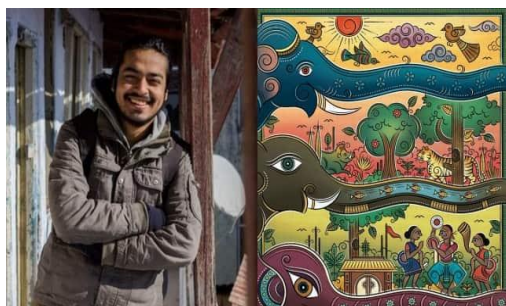
One of India' s most celebrated artists, Amrita Sher-Gil ' s painting has attained the status of the most expensive work of an Indian artist ever sold. The painting titled "The Story Teller" has fetched a whopping ₹ 61.8 crore at Saffronart' s "Evening Sale: Modern Art" in New Delhi.

Read more:

<https://indianexpress.com/article/lifestyle/art-and-culture/amrita-shergils-painting-breaks-record-for-the-most-expensive-indian-artwork-ever-sold-8946416/>

## **Pattachitra to Kalamkari, Sorai to Aipan: How tweaked folk art turns spotlight on dwindling wildlife**

**( September 20, 2023)**



What started as someone's personal project during Covid lockdown has turned into a successful tool for many state forest departments to educate the world about the wildlife of the region. Bhubaneswar-based graphic designer, Sudarshan Shaw, a 2016 NIFT graduate in communication design, quit his regular design job in Delhi just before Covid struck to explore his passion, 'conservation through folk art'.

Read more:

<https://indianexpress.com/article/lifestyle/art-and-culture/folk-art-turns-spotlight-on-wildlife-8948384/>

## **Israeli neo-soul artist Danny Kuttner to perform in Delhi**

**(September 22, 2023)**

The Israeli neo-soul singer, whose music is as much informed as the eclectic German composer Nils Frahm and English rockers Radiohead as it is by Canadian electro-pop outfit Men I



Trust, will perform at the new season of Amarrass Nights, at the Capital' s Sunder Nursery on Friday.

Read more:

<https://indianexpress.com/article/lifestyle/art-and-culture/israeli-neo-soul-artist-danny-kuttner-delhi-performance-8950961/>

# SPORTS

## **Rohan Bopanna ends Davis Cup career with a win as India beat Morocco 4-1**

**(September 18, 2023 )**

For a 20-year veteran of the Davis Cup, with 33 ties and 50 matches under his belt, some against top opposition like Serbia and Brazil, playing his farewell tie in the third tier of the premier team competition may not have felt up to standard for Rohan Bopanna.



Read more:

<https://indianexpress.com/article/sports/tennis/rohan-bopanna-logs-win-in-farewell-tie-india-advance-to-world-group-play-offs-8944259/>

## **Karun Nair scores unbeaten 144 for Northamptonshire against Surrey**

**(September 20, 2023 )**



Karun Nair on Wednesday served a reminder to his prowess with an unbeaten 144 for Northamptonshire against table-toppers Surrey in a County Championship Division One contest, here at the Oval. Nair resumed the day from 51 and compiled his knock

off 238 balls as Northamptonshire reached 351 for nine, before rain and bad light forced an early end.

Read more:

<https://indianexpress.com/article/sports/cricket/karun-nair-scores-unbeaten-144-for-northamptonshire-against-surrey-8948963/>

## **Asian Games men ' s volleyball: India stun 2018 silver medallists South Korea in thriller, top Pool C**

**(September 20, 2023 )**

The Indian men ' s volleyball team produced a memorable performance to defeat three-time champions and 2018 silver medallists South Korea in a Pool C match at the Asian Games in Hangzhou on Wednesday. The thrilling 25-27, 29-27, 25-22, 20-25, 17-15 win meant India will advance to the next stage as pool-toppers. On Tuesday, India had begun their campaign with a straight-set win over Cambodia. The two best teams from each pool advance to the Top 12.



Read more:

<https://indianexpress.com/article/sports/asian-games/asian-games-mens-volleyball-india-stun-2018-silver-medallists-south-korea-in-thriller-top-pool-c-8948883/>



## **India vs Australia 1st ODI tip-off XI: Ashwin and Shreyas Iyer to make a comeback and Marnus Labuschagne to cement his spot for the ICC World Cup 2023**

**(September 21, 2023)**



Ahead of the World Cup 2023, India will take on Australia for the three-match ODI series starting in Mohali on Friday. Both sides will be entering the series with different agendas. India will be looking to test their

bench strength while Australia will be looking to get some of their stars into fitness for the showpiece event.

Read more:

<https://indianexpress.com/article/sports/cricket/india-vs-australia-tip-off-xi-ashwin-and-shreyas-iyer-to-make-a-comeback-marnus-labuschange-to-cement-his-spot-for-the-icc-world-cup-2023-8950022/>

## **Harmanpreet Singh and Lovlina Borgohain lead the Indian contingent at the 2023 Asian Games opening ceremony**

**(September 23, 2023)**



Led by their flag bearers in Hockey men's team player Harmanpreet Singh and boxer Lovlina Borgohain, the Indian contingent walked in to loud cheers at



the opening ceremony of the 2023 Asian Games at Hangzhou Olympics Sports Centre Stadium on Saturday.

Read more:

<https://indianexpress.com/article/sports/asian-games/watch-harmanpreet-singh-and-lovlina-borgohain-lead-the-indian-contingent-at-the-2023-asian-games-opening-ceremony-8953144/>

## **India at Asian Games 2023, Day 2 schedule: Women' s cricket team eye gold, shooting and rowing medals at stake**

**(September 24,2023)**



On the opening day, India' s rowers and shooters kickstarted India ' s medal tally in Hangzhou with a total of five medals between them. Monday will see the medal tally improve, with a guaranteed podium

finish in women' s T20 cricket where India take on Sri Lanka in the final. Attention will also be on shooters and rowers to add to the medal tally

Read more:

[https://indianexpress.com/article/sports/sport-others/india-at-asian-games-2023-day-2-schedule-womens-cricket-team-eye-gold-shooting-and-rowing-medals-at-stake-8954159/?utm\\_source=whatsapp&utm\\_medium=social&utm\\_campaign=WhatsappShare](https://indianexpress.com/article/sports/sport-others/india-at-asian-games-2023-day-2-schedule-womens-cricket-team-eye-gold-shooting-and-rowing-medals-at-stake-8954159/?utm_source=whatsapp&utm_medium=social&utm_campaign=WhatsappShare)

**Asian Games 2023: Meet Arjun Lal Jat and Arvind Singh, who won silver medals for India in rowing** **(September 24, 2023)**



The silver medal at the Asian Games for Arjun Lal Jat and Arvind Singh in the lightweight men's double sculls event came despite Arvind nursing a serious back injury for the last two months, which had hampered their training severely.

Read more:

[https://indianexpress.com/article/sports/asian-games/asian-games-2023-meet-arjun-lal-jat-and-arvind-singh-who-won-silver-medals-for-india-in-rowing-8953514/?utm\\_source=whatsapp&utm\\_medium=social&utm\\_campaign=WhatsappShare](https://indianexpress.com/article/sports/asian-games/asian-games-2023-meet-arjun-lal-jat-and-arvind-singh-who-won-silver-medals-for-india-in-rowing-8953514/?utm_source=whatsapp&utm_medium=social&utm_campaign=WhatsappShare)



# SCIENCE

## **Scientists Discover That the Genes for Learning and Memory Are 650 Million Years Old** (September 20,2023)

A team of scientists led by researchers from the University of Leicester has determined that genes responsible for learning, memory, aggression, and other complex behaviors emerged approximately 650 million years



ago. The research spearheaded by Dr. Roberto Feuda, of the Neurogenetic group within the Department of Genetics and Genome Biology, in collaboration with colleagues from the University of Leicester and the University of Fribourg (Switzerland), has recently been published in the journal Nature Communications.

Read more:

<https://scitechdaily.com/scientists-discover-that-the-genes-for-learning-and-memory-are-650-million-years-old/>

## **NASA' s Parker Solar Probe flies through powerful explosion from Sun, takes closest-ever plasma observations**



(September 20,2023)

NASA' s Parker Solar Probe (PSP) has become the first ever man-made



spacecraft to fly through a powerful solar explosion that occurred close to the Sun. Physicists can now attempt detailed study of solar plasma along with the early stage, structures and evolution of Coronal Mass Ejections (CME).

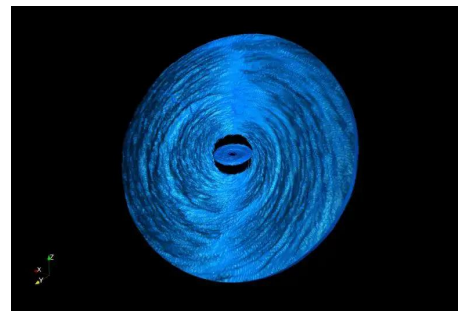
Read more:

<https://indianexpress.com/article/technology/science/nasa-parker-solar-probe-takes-closest-ever-plasma-observations-8947863/>

## **Gobbling Galaxies: Black Holes' Speedy Feast Shocks Scientists**

(September 22, 2023)

New research reveals that supermassive black holes consume surrounding material faster than previously believed. This insight, derived from high-resolution simulations, could explain why quasars flare and fade so quickly.



Read more:

<https://scitechdaily.com/gobbling-galaxies-black-holes-speedy-feast-shocks-scientists/>

## **From the Abyss: New Virus Discovered in Earth's Deepest Ocean Trench**

(September 23, 2023)

Researchers discovered a new bacteriophage from the Mariana Trench, specifically from sediments at a depth of 8,900 meters. This discovery points to a previously unknown viral



family in the deep ocean and offers insights into the genomic characteristics and evolution of deep-sea viruses.

Read more:

<https://scitechdaily.com/from-the-abyss-new-virus-discovered-in-earths-deepest-ocean-trench/>

## **6x Tougher Than Kevlar: Spider Silk Is Spun by Genetically Modified Silkworms for the First Time**

**(September 23,2023)**

Scientists in China have developed a method to produce spider silk from genetically modified silkworms, offering a strong, sustainable alternative to synthetic fibers with applications in various



industries. Researchers have synthesized spider silk from genetically modified silkworms, producing fibers six times tougher than the Kevlar used in bulletproof vests.

Read more:

<https://scitechdaily.com/6x-tougher-than-kevlar-spider-silk-is-spun-by-genetically-modified-silkworms-for-the-first-time/>

## **US Space Force launch may have punched hole in Earth's upper atmosphere**

**(September 23,2023)**



Firefly Aerospace launched a rocket carrying a United States Space Force satellite on September 14, within just

24 hours of receiving a launch notice, which could be a new world record. But this launch may have accidentally punched a hole in the ionosphere, which is part of Earth's upper atmosphere.

Read more:

<https://indianexpress.com/article/technology/science/us-space-force-launch-may-have-punched-hole-in-earths-upper-atmosphere-8952449/>

## **No signal from Chandrayaan-3 mission after lunar sunrise, says ISRO**

**(September 24, 2023)**

The Indian Space Research Organisation (ISRO) said on Friday that it has received no signals from the Chandrayaan-3 mission's Vikram lander and Pragyan rover. The space agency is continuing its efforts to establish communication and ascertain their condition.



Read more: <https://indianexpress.com/article/technology/science/isro-chandrayaan-3-no-signal-vikram-pragyan-8952351/>

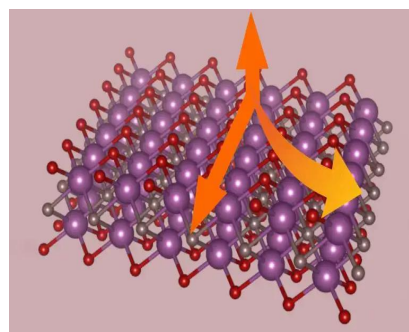


# TECHNOLOGY

## **A Dream Nanomaterial: Breakthrough in Mass Production of MXene**

**(September 18, 2023)**

Researchers developed an analysis model using magnetic transport characteristics of molecules attached to the surface of MXene. The establishment of a property prediction and classification system is expected to be utilized to produce uniform-quality MXene.



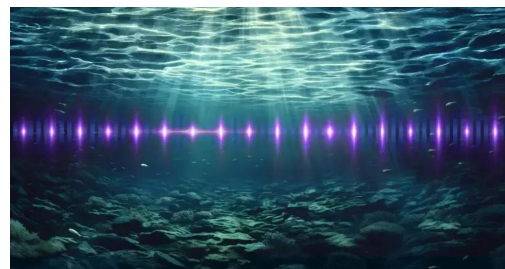
Read more:

<https://scitechdaily.com/a-dream-nanomaterial-breakthrough-in-mass-production-of-mxene/>

## **Submerged Signals: MIT Unveils Pioneering Development in Underwater Communication Technology**

**(September 19, 2023)**

MIT researchers have demonstrated the first system for ultra-low-power underwater networking and communication, which can transmit signals across kilometer-scale



distances. This technique, which the researchers began developing several years ago, uses about one millionth the power that existing underwater communication methods use. By expanding their battery-free system's communication range, the researchers have made the technology more feasible for applications such as aquaculture, coastal hurricane prediction, and climate change modeling.

Read more:

<https://scitechdaily.com/submerged-signals-mit-unveils-pioneering-development-in-underwater-communication-technology/>

## **Robotic Acoustic Swarms: Shape-Changing Smart Speaker for Ultimate Audio Control in Any Room**

**(september 21, 2023)**

Introducing a smart speaker system that uses robotic 'acoustic swarms' to pinpoint and manage sounds, promising both enhanced audio control and privacy in busy settings. In virtual meetings, it's easy to keep people from talking over each other. Someone just hits mute. But for the most part, this ability doesn't translate easily to recording in-person gatherings. In a bustling cafe, there are no buttons to silence the table beside you.

Read more:

<https://scitechdaily.com/robotic-acoustic-swarms-shape-changing-smart-speaker-for-ultimate-audio-control-in-any-room/>

## **Microsoft is bringing Copilot in an 'early form' to Windows 11 via an update on Sept. 26**

**(September 22,2023)**

Copilot, Microsoft's ambitious AI tool that clubs with several of Microsoft's software suites as an AI-powered assistive tool, is officially rolling out early next week. Announcing the same via a blog post, Microsoft said that Copilot will begin to roll out in its



"early form" as part of a free update to Windows 11, starting Sept. 26 — and across Bing, Edge, and Microsoft 365 Copilot this fall.

Read more:

<https://thetechportal.com/2023/09/22/microsoft-copilot-windows-11-update/>

## **PhonePe launches Indus Appstore Developer Platform, promises zero commissions**

**(September 24,2023)**



When it comes to app stores, Google's Play Store and Apple's App Store are the first things to come to mind. Both of these, however, have seen their fair share of controversies, regulatory attention, and lawsuits (mostly because of the steep commission



charged on in-app purchases). Now, India's PhonePe has revealed a more pocket-friendly alternative in the form of the country's homegrown offering – the Indus AppStore Developer Platform.

Read more:

<https://thetechportal.com/2023/09/24/phonepe-indus-appstore-developer-platform-zero-commission/>