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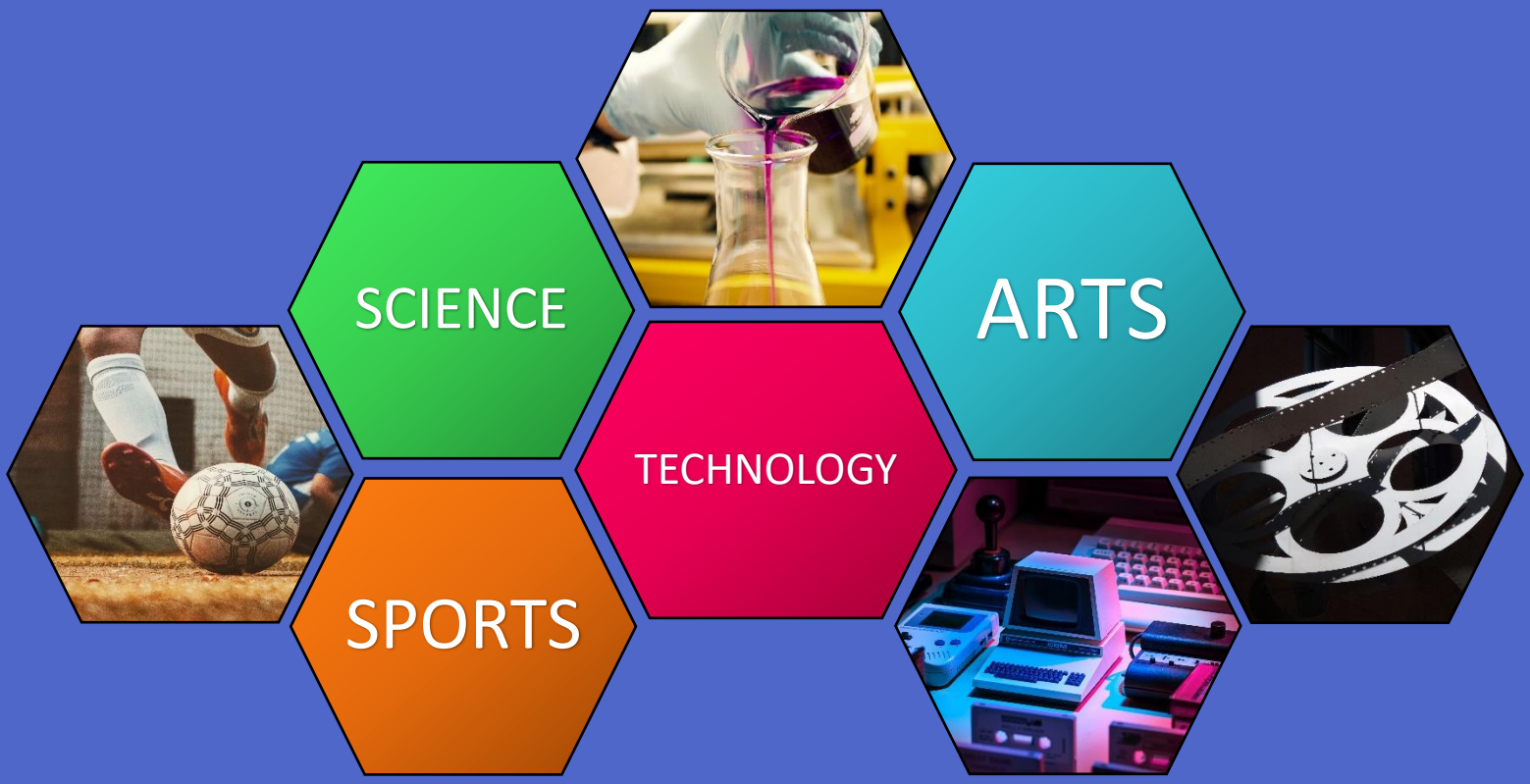

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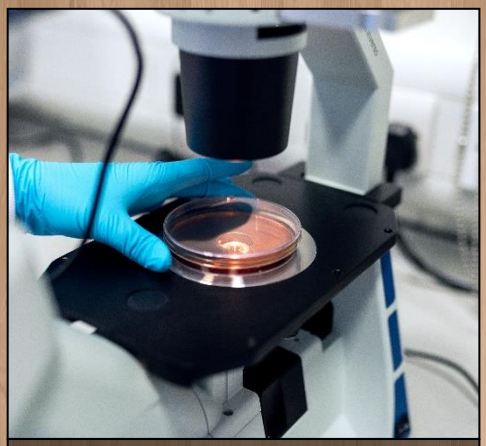

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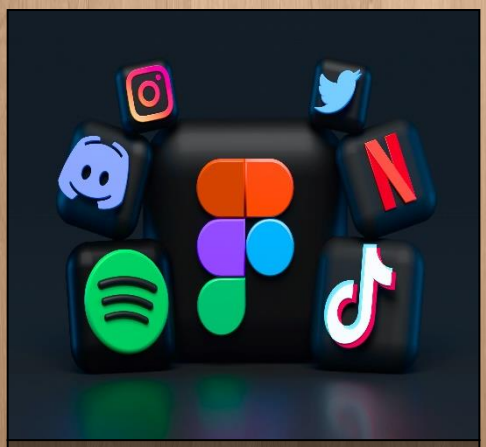

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Photo by ThisisEngineering RAEng on Unsplash.
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SCIENCE

Credit: Unsplash

Viking age to modern day Scandinavia unveiled through 2,000 years of genetic history.

(January 15, 2022)

Credit: Lars Einarsson

A new study reported in the journal Cell on January 5, 2023, captures a genetic history across Scandinavia over 2,000 years, from the Iron Age to the present day. This look back at Scandinavian history is based on an analysis of 48 new and 249 published ancient human genomes representing multiple iconic archaeological sites together with genetic data from more than 16,500 people living in Scandinavia today.

Read more at:
https://scitechdaily.com/viking-age-to-modern-day-scandinavia-unveiled-through-2000-years-of-genetic-history/

US, Japan sign space collaboration agreement at NASA HQ – "The future of space is collaborative."

(January 15, 2022)

During an event hosted by NASA Administrator Bill Nelson and Deputy Administrator Pam Melroy at the agency's Headquarters in Washington on Friday, January 13, representatives from the United States and Japan gathered to sign an agreement that builds on a long history of collaboration in space exploration between the two nations. U.S. Secretary of State Antony J. Blinken and Japan's Minister for Foreign Affairs Hayashi Yoshimasa signed the agreement on behalf of the United States and Japan, respectively.

Read more at:
https://scitechdaily.com/us-japan-sign-space-collaboration-agreement-at-nasa-hq-the-future-of-space-is-collaborative/

ARTS

Credit: Unsplash

Yusuf Arakkal's Christ series on display for the first time in Bengaluru.

(January 10, 2022)

The 12 disciples seated at the table, faces half hidden in shadow, could very well be variations of the same person; however there is no mistaking Christ at the centre of the canvas. The Last Supper by Yusuf Arakkal as well as other canvases in the Christ series are markedly different from conventional portrayals of the subject.

Read more at:
https://www.thehindu.com/entertainment/art/yusuf-arakkals-christ-series-on-display-for-the-first-time-in-bengaluru/article66357612.ece

Group show in Thiruvananthapuram by 11 artists features experiments with mediums and themes.

(January 12, 2022)

An exhibition of paintings, sculptures and installation by 11 up-and-coming young artists is on at Amuseum art gallery in the city. These exhibits are entries submitted for K P Krishnakumar Young Artist Award, instituted by the gallery for emerging visual artists in memory of sculptor KP Krishakumar. Bineesh Narayanan, Dhanya VV, Ebin PR, Midhun J, Praveen Prasannan, Ratheesh Kumar KS, Sandra Thomas, Sumesh BS, Vipin Vadakkiniyil, Vishnupriya P and Vivek VC are the participating artists.

Credit: The Hindu

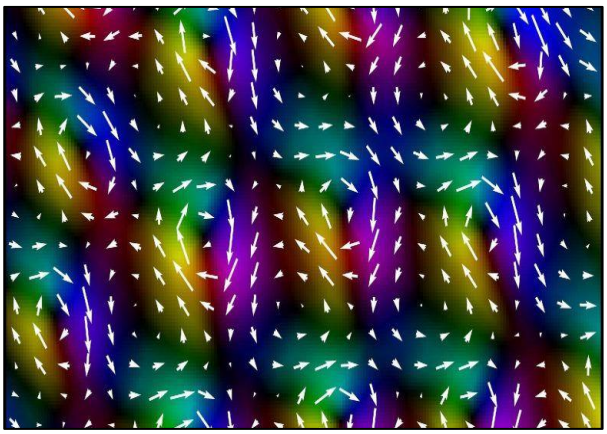
Read more at:
https://www.thehindu.com/entertainment/art/group-show-by-11-artists-in-thiruvananthapuram/article66363877.ece

TECHNOLOGY

“100 times better” – Tiny magnetic vortices could transform high-performance computers.

(January 12, 2022)

Magnets create invisible fields that attract certain materials. Scientists at the U.S. Department of Energy’s Argonne National Laboratory are working on replacing these bar magnets with tiny magnetic vortices, known as skyrmions. These vortices, which are as small as billionths of a meter, form in certain magnetic materials and have the potential to bring about a new generation of microelectronics for memory storage in high-performance computers.



Credit: Argonne National Laboratory

Read more at:
https://scitechdaily.com/mit-researchers-3d-print-precise-plasma-sensors-for-satellites/

Unlocking the secrets of laser-induced periodic surface structures on silicon.

(January 14, 2022)

A Japanese research collaboration led by scientists from the Nagoya Institute of Technology, has now directly investigated the various parameters that are influenced by laser choice. The work, in collaboration with Osaka University, Tokai University, Kyoto University, and the Japan Atomic Energy Agency (JAEA), was led by Assistant Professor Reina Miyagawa of the Nagoya Institute of Technology, alongside Associate Professor Norimasa Ozaki of Osaka University, and Professor Masaki Hashida of Tokai University, who is also a researcher at Kyoto University.

Read more at:
https://scitechdaily.com/unlocking-the-secrets-of-laser-induced-periodic-surface-structures-on-silicon/

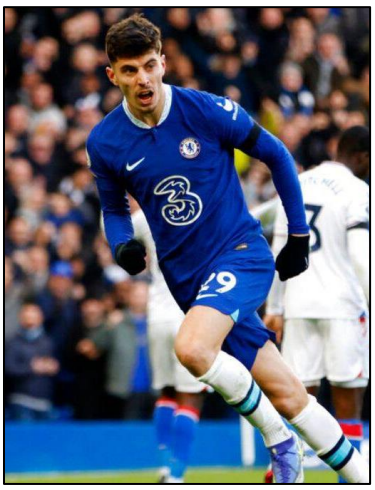
SPORTS

Credit: Unsplash

Chelsea earn scrappy 1-0 win over Palace to ease pressure.

(January 15, 2022)

A second-half goal from Kai Havertz proved enough to give Chelsea a 1-0 win over Crystal Palace in the Premier League on Sunday, easing the pressure on manager Graham Potter after a poor run of form. The German striker nodded in a cross from Hakim Ziyech in the 65th minute following a short corner. It was only the second league win in 10 matches for the home side who remain in 10th place half-way through the season.



Credit: AP Photo/David Cliff

Read more at:
https://indianexpress.com/article/sports/football/chelsea-earn-scrappy-1-0-win-over-palace-to-ease-pressure-8383696/

Breathless 60 minutes of India-England produce an entertaining 0-0 draw.

(January 16, 2022)

The match that had everything – breezy runs towards the opponent's circle, a dozen penalty corners, a glut of cards, a defender left with a bloody face, an attacker hobbling out clutching his hamstring, a disallowed goal and a goal-line clearance right at the final hooter – ended with nothing. After serving goal fests in their previous four encounters, the law of averages finally caught up with India and England as they played out a dramatic goalless draw; a match that won't be forgotten so easily for its tension as well as the ebb and flow.

Read more at:
https://indianexpress.com/article/sports/hockey/breathless-60-minutes-of-india-england-produce-an-entertaining-0-0-draw-8383729/

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