

An aerial photograph of a winding asphalt road that curves through a dense, lush green forest. Several cars are visible on the road, including a white car, a blue car, and a white van. The road has white dashed lines for lane markings. The overall scene is captured from a high angle, looking down on the road and the surrounding trees.

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DAILY NEWS DECODE

10.11.21

SCORPENE SUBMARINE 'VELA'



- The fourth submarine of the Project - 75, Yard 11878 was delivered to the Indian Navy today, 09 November 2021.
- Christened 'Vela', the submarine was launched on 06 May 19, and has completed all major harbour and sea trials including weapon and sensor trials.
- The submarine would soon be commissioned into the Indian Navy and enhance the Indian Navies capability.

Project - 75

- Project - 75 includes construction of six submarines of Scorpene design.
- These submarines are being constructed at Mazagon Dock Shipbuilders Limited (MDL) Mumbai, under collaboration with M/s Naval Group, France.
- Three of these submarines are already in commission with the Indian Navy.

NITI Aayog announces five top aspirational districts in education sector.



NITI Aayog

(National Institution for Transforming India)

Government of India

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- NITI Aayog has announced the top five most improved aspirational districts in the education sector for the month of September.
- Bhoopalpalli in Telangana tops the ranking.
- It is followed by Chatra and Sahibganj in Jharkhand, Nuapada in Odisha and Jaisalmer in Rajasthan.
- This is as per NITI Aayog's delta rankings.

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Homo naledi



- A new member was introduced to the family tree of humans in 2015. Fossil hominins from the Rising Star cave system outside Johannesburg, South Africa, were found to belong to a previously unidentified hominin species, which was then named Homo naledi.
- A team of researchers led by Professor Lee Berger, a palaeoanthropologist from South Africa's University of the Witwatersrand, has revealed the first partial skull of a Homo naledi child, also from the Rising Star cave.
- They have estimated that the child died almost 250,000 years ago, at the age between four and six years old.
- The child has been named "Leti" after the Setswana word "letimela", meaning "the lost one".

- The “Underground Astronauts” is a nickname for the group of six scientists and excavators from the original Rising Star expedition.
- The new fossil area, U.W.110, where the child’s remains were recovered, is in a very small passage in the Dinaledi Chamber.
- The Dinaledi Chamber is just one in a sub-system of chambers and passages within the larger Rising Star system.
- It is 12 metres away from where researchers originally excavated adult Homo naledi fossils.

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Punjab became 1st Indian state to approve Tissue Culture-Based Seed Potato Rules



- The Punjab Cabinet headed by chief minister Charanjit Singh Channi approved the 'Punjab Tissue Culture Based Seed Potato Rules-2021' to develop Punjab as a standard potato seed centre. With this decision, Punjab has become the first Indian state to have the facility of tissue culture-based certification, which will develop the Jalandhar-Kapurthala belt of Punjab as the export hub of potatoes. The Cabinet also approved to introduce the 'Punjab Horticulture Nursery Bill-2021' by amending 'Punjab Fruit Nursery Act-1961'.

National logistics index 2021 released



- The Logistics Ease Across Different States 2021 Index was recently published by the Ministry of Commerce & Industry.
- This is the third edition of Index. In the index, Gujarat, Haryana and Punjab were emerged as best performing states with respect to mobility of goods and efficiency of logistics chain.
- This index provide ranking to states on the basis of logistics infrastructure.
- Gujarat, Haryana and Punjab are the best performing states (Top 3 slot respectively)
- Tamil Nadu (4th) and Maharashtra (5th) are among the top-5 slot.

- **Uttar Pradesh, Uttarakhand and Jharkhand have witnessed a significant improvement as compared to the 2019 LEADS ranking. These states have emerged as the top improvers.**
- **For representation purposes, states were ranked in three separate classes:**
 - **North Eastern States**
 - **Himalayan UTs' and**
 - **'Other UTs' group:**
- **Within Himalayan UTs, Jammu & Kashmir emerged as the top rankers.**
- **In the North-Eastern States, Sikkim and Meghalaya emerged as toppers.**
- **Delhi was ranked at the top position among the "other United Territories" category.**
- **The Logistic Ease Across Different States (LEADS) index was launched in 2018. It was developed by the Commerce and Industry Ministry.**
- **The index ranks states in terms of logistical support to promote goods trade. The ranking is done on the basis of parameters like the competitiveness of pricing, availability of infrastructure and services. It aims to encourage states for providing policy in order to improve their logistics-related infrastructure.**

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Morinari Watanabe re-elected as President of FIG



- **Morinari Watanabe was re-elected as the President of the International Gymnastics Federation or Fédération Internationale de Gymnastique (FIG) for a period of three years. Morinari Watanabe defeated Azerbaijan's contender Farid Gayibov, in the FIG President election that was held during a conference in Turkey. Earlier, He was elected as the President of FIG in 2016 for a 4-year term.**

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RBI launches 1st Global Hackathon named HARBINGER 2021



- The Reserve Bank of India has launched its first global hackathon named “HARBINGER 2021 - Innovation for Transformation”.
- The theme of HARBINGER 2021 is ‘Smarter Digital Payments’.
- The Hackathon invites participants to identify and develop solutions that have the potential to make digital payments accessible to the under-served, enhance the ease of payments and user experience while strengthening the security of digital payments and promote customer protection.
- HARBINGER 2021 invites innovative ideas for the following problem statements in the payment and settlement systems landscape:

- **Innovative, easy-to-use, non-mobile digital payment solutions for converting small-ticket cash transactions to digital mode.**
- **Context-based retail payments to remove the physical act of payment.**
- **The alternate authentication mechanism for digital payments.**
- **Social Media Analysis Monitoring tool for detection of digital payment fraud and disruption.**
- **Being part of HARBINGER 2021 gives an opportunity to the participants to get mentored by industry experts and exhibit their innovative solutions before an eminent jury and win exciting prizes in each category.**
- **Winner: Rs 40 lakh**
- **Runner-up: Rs 20 lakh**

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