

KSG:NEWSPAPER CRUX

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NEWSPAPER HIGHLIGHT

- Just as India proactively helped shape the Universal Declaration of Human Rights and gave the world the principle of Ahimsa, it could also galvanise the international community around, ensuring an ethical Artificial Intelligence(AI) for Generation AI.
- Shifting of Mizoram Bru refugees for permanent settlement at various places in Tripura started on Monday. The first batch of 515 refugees was moved out of camps in north Tripura district and sent to two places for their settlement in Dhalai district.
- As India-China tensions have grown, so have India's concerns about Russia's China embrace, encompassing close political, economic and defence cooperation (Russia accounted for 77% of China's arms imports in 2016-20). India's apprehensions about their technology and intelligence - sharing were heightened by Mr. Putin's remark that he would not rule out a future Russia-China military alliance.
- The Council of the European Union on Monday approved conclusions on a European Union strategy for cooperation in the IndoPacific to "reinforce its strategic focus, presence and actions" with the aim to contribute to "regional stability, security, prosperity and sustainable development," at a time of "rising challenges and tensions in the region."
- While the public sector banks (PSBs) have had to bear the brunt of the hit from fraudulent borrowing — they accounted for an almost 80% share in 2019-20 — the private sector lenders outpaced their peers both in terms of number of cases and the increase in value of frauds. The RBI as industry regulator needs to walk the talk and ensure tighter oversight. Any laxity threatens overall financial stability.
- NASA successfully flew its tiny helicopter Ingenuity on Mars early on Monday, the first powered flight on another planet.

SCIENTISTS ARE SEQUENCING 1 MILLION HUMAN GENOMES AND USE BIG DATA TO UNLOCK GENETIC SECRETS

1. National Institutes of Health, USA has started a program called 'All of Us' that aims to collect genetic information, medical records and health habits from surveys and wearables of more than a million people in U.S. over the course of 10 years.
2. It would **understand humanity in all its diversity, and gather data from underrepresented minority groups to facilitate the study of health disparities.**
3. Earlier, Human Genome Project(HGP) was concluded in 2003, which was the first international effort of human genome sequencing. Genome sequencing means deciphering the exact order of base pairs in an individual.
4. It enabled us to read almost end-to-end the 3 billion pairs of DNA bases that biologically define a human being. However, it fell short of encompassing diversity as the sample size was very small.

EXOTIC ANIMALS

1. The Delhi High Court directed the Centre to take a decision on framing rules to confer protection for exotic animals that are currently not under the purview of the Wildlife (Protection) Act, 1972.
2. The court's order came in response to a petition filed by animal rights group, People for the Ethical Treatment of Animals (PETA) India about the status of a male hippopotamus rescued from the Asiad Circus in Uttar Pradesh.
3. The term exotic does not have a set definition but **it usually refers to a wild animal or one that is more unusual and rare than normal domesticated pets like cats or dogs.** These are those species which are not usually native to an area and are introduced to an area by humans.

BAIKAL-GVD TELESCOPE

1. Russian scientists have launched one of the world's biggest underwater neutrino telescopes called the Baikal-GVD (Gigaton Volume Detector) in the waters of Lake Baikal, the world's deepest lake situated in Siberia.
2. The construction of this telescope, which started in 2016, is motivated by the mission **to study in detail the elusive fundamental particles called neutrinos and to possibly determine their sources.**
3. It is one of the three largest neutrino detectors in the world along with the **IceCube at the South Pole and ANTARES in the Mediterranean Sea.**
4. It will aid scientists' understanding of the origins of the universe since some neutrinos were formed during the Big Bang, others continue to be formed as a result of supernova explosions or because of nuclear reactions in the Sun.

CHINA NOT LEAVING HOT SPRINGS AND GOGRA POSTS

1. During the 11th round of discussions between the senior military commanders of India and China to resolve the standoff in eastern Ladakh, China refused to vacate two of the four original friction points.
2. At two friction points, Patrolling Point 15 (PP15) in Hot Springs, and PP17A near Gogra Post, China still has a platoon-level strength each, along with vehicles.
3. **Hot Springs is just north of the Chang Chenmo river and Gogra Post is east of the point where the river takes a hairpin bend** coming southeast from Galwan Valley and turning southwest.