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REGISTER OF INDIGENOUS INHABITANTS OF NAGALAND (RIIN)



- An apex body of Naga tribes has asked the Nagaland government not to be hasty with the exercise to prepare the Register of Indigenous Inhabitants of Nagaland (RIIN), seen as a variant of Assam's National Register of Citizens.
- The Nagaland government has reportedly been trying to revive the RIIN exercise that was launched in July 2019 with the stated objective of preventing outsiders from obtaining fake indigenous certificates for seeking jobs and benefits of government schemes.
- The State government had formed a three-member panel headed by retired bureaucrat Banuo Z. Jamir for "examining and advising" on the implementation of RIIN.
- The State government had tasked the RIIN committee with determining the eligibility criteria to be an indigenous inhabitant, authority to authenticate claims of being indigenous, place of registration as indigenous inhabitant, the basis of claims of being indigenous, and the nature of documents that will be acceptable as proof.
- But the exercise was suspended following protests from community-based and extremist organisations.
- If the RIIN is implemented with December 1, 1963 – the day Nagaland attained statehood – as the cut-off date, then this date is likely to exclude Nagas who have come from beyond the boundaries of Nagaland.
- According to the Naga Hoho, Naga tribes living in Assam, Manipur and Arunachal Pradesh in India and in Myanmar have a legitimate claim to their ancestral homeland.

INDIAN RHINO VISION 2020 (IRV 2020)



- The ambitious Indian Rhino Vision 2020 (IRV 2020) came to a close with the release of two rhinos — an adult male and a female — in Assam's Manas National Park transported from Pobitora Wildlife Sanctuary about 185 km east.
- Designed in 2005, the IRV2020 is believed to have achieved its target of attaining a population of 3,000 rhinos in Assam.
- But the plan to spread the *Rhinoceros unicornis* across four protected areas beyond Kaziranga National Park, Orang National Park and Pobitora could not materialise.

NARROW-LINE SEYFERT 1 (NLS1) GALAXY



- Astronomers have discovered a new active galaxy identified as the farthest gamma-ray emitting galaxy that has so far been stumbled upon.
- This active galaxy called the Narrow-Line Seyfert 1 (NLS1) galaxy, which is about 31 billion light-years away, opens up avenues to explore more such gamma-ray emitting galaxies that wait to meet us.
- Scientists from ARIES, an autonomous institute of the Department of Science & Technology (DST) studied around 25,000 luminous Active galactic nuclei (AGN) from the Sloan Digital Sky Survey (SDSS), a major optical imaging and spectroscopic survey of astronomical objects in-operation for the last 20 years.
- They found a unique object that emits high-energy gamma rays located at a high redshift.
- They identified it as a gamma-ray emitting NLS1 galaxy, which is a rare entity in space.
- The new gamma-ray emitting NLS1 was formed when the Universe was only about 4.7 billion years old as compared to its current age of about 13.8 billion years.

NETWORK SURVEY VEHICLE (NSV)



- Carrying out road condition survey using NSV on the National Highways has been made mandatory at the time of certifying completion of the project and every six months thereafter.
- The provision has also been included as a part of the standard bidding document of consultancy services.
- The deployment will help in enhancing the overall quality of the highways as NSV uses the latest survey techniques such as high-resolution digital camera for 3600 imagery, Record images/videos at regular intervals, Laser Road Profilometer and other related technology for measurement of distresses in road surface.
- Data collected through NSV survey shall be uploaded on NHA's 'AI' based portal Data Lake, where it will be analysed by Road Asset Management Cell (RAMS Cell) to assess the condition/roughness of road to prioritise for the maintenance.

INFANT TODDLER AND CAREGIVER-FRIENDLY NEIGHBOURHOODS (ITCN) TRAINING AND CAPACITY BUILDING PROGRAMME



- Launched virtually today by National Institute of Urban Affairs (NIUA) in partnership with Bernard van Leer Foundation (BvLF).
- The Programme is designed to help build capacities of city officials and young professionals for developing young children and family-friendly neighbourhoods within cities in India.
- Under the programme, city officials and young professionals are proposed to be skilled through certified training and capacity building modules.
- The training is proposed to be delivered through well-structured training modules, provided online through National Urban Learning Platform (NULP), the platform developed for knowledge dissemination by MoHUA and NIUA
- The National Institute of Urban Affairs (NIUA), is a premier Institute of Ministry of Housing and Urban Affairs, Government of India for research and capacity building for the urban sector in India. It was established in 1976.
- The National Urban Learning Platform (NULP) is envisioned as a means of digitally consolidating key skills and knowledge required by urban stakeholders and making these available to all actors on a channel of their choice.

GANGAVARAM PORT



- GPL is engaged to own, develop and operate the deep-water port at Gangavaram, Andhra Pradesh, pursuant to a concession agreement on Build-Own-Operate-Transfer basis with Government of Andhra Pradesh for a concession period of thirty years from the date of commercial operations and entitled for a further period of 20 years under the Competition Act, 2002.

PLI SCHEME FOR PROMOTION OF DOMESTIC MANUFACTURING OF CRITICAL KSMS/ DRUG INTERMEDIATES AND APIs



- The Competition Commission of India (CCI) approves acquisition of 89.6% of equity shareholding of Gangavaram Port Limited (“GPL”) by Adani Ports and Special Economic Zones Limited (“APSEZ”) APSEZ is an integrated port infrastructure services provider currently present across 11 domestic ports in six maritime states of Gujarat, Goa, Kerala, Andhra Pradesh, Tamil Nadu and Odisha.
- Approvals have been accorded to 16 applicants under Production Linked Incentive (PLI) Scheme for Promotion of Domestic Manufacturing of critical Key Starting Materials (KSMs)/ Drug Intermediates and Active Pharmaceutical Ingredients (APIs) in the country
- The setting up of these 16 plants will lead to total committed investment of Rs.348.70 crore and employment generation of about 3,042 by the companies.
- The commercial production of these plants is projected to commence from 1st April, 2023 onward.
- The scheme has been launched by the Department of Pharmaceuticals for promotion of domestic manufacturing of KSMs/APIs.
- This will be achieved by setting up greenfield plants with minimum domestic value addition in four different Target Segments (In Two Fermentation based - at least 90% and in the Two Chemical Synthesis based – at least 70%) for 41 products with a total outlay of Rs. 6,940 cr. for the period 2020-21 to 2029-30.

Malabar Civet



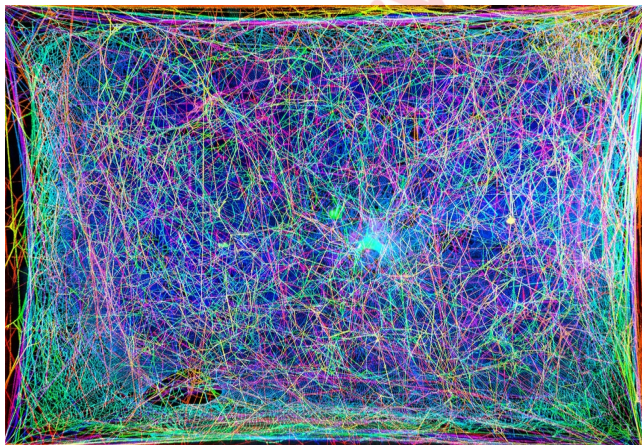
- Malabar Civet was found on the streets of Kerala in the backdrop of lockdown due to COVID-19 Pandemic.
- It is One of the world's rarest mammal Malabar Civet is a nocturnal and elusive animal.
- It is endemic to Western Ghats of India. Civetone extract from the scent gland used in medicine, and in perfumes.
- It is listed as Critically Endangered on the IUCN Red List as the population is estimated to number fewer than 250 mature individuals.

Marathi film Puglya wins Best Foreign Feature at Moscow Film Fest



- Marathi film 'Puglya' has bagged the Best Foreign Language Feature award at Moscow International Film Festival 2021.
- The film revolves around a pug and two boys, who are around 10 years old.
- Speaking about the award, director Vinod Sam Peter said, "Winning at Moscow International Film Festival is a great deal of pride for me and the team."

Scientists create music from spider web structure



- Researchers have translated the structure of a spider web into music.
- "The spider lives in an environment of vibrating strings.
- They don't see well, so they sense...world through vibrations, which have different frequencies," explained the project's principal investigator.
- It was created using frequencies of a vibrating web, with different frequencies of sound assigned to separate strands.

Blue Origin's next launch to run 'astronaut rehearsal'



- Amazon founder Jeff Bezos's aerospace company Blue Origin is planning to conduct an 'astronaut rehearsal' during the 15th launch of its New Shepard rocket, dubbed NS-15, which is targeting liftoff on Wednesday from Launch Site One in West Texas.
- This flight is a 'verification step' for the vehicle and operations prior to flying astronauts, Blue Origin said on Monday.
- During the mission, astronaut operational exercises will be conducted in preparation for human space flight.
- The primary operations will entail Blue Origin personnel standing in as astronauts entering into the capsule prior to launch.
- These astronauts will climb the launch tower, get into their seats, buckle their harnesses, and conduct a communications check from their seat with CAPCOM, the Capsule Communicator.
- The tower operations team will prepare the capsule cabin for launch and then briefly close the capsule hatch.
- The astronauts will then exit the capsule prior to launch, Blue Origin said, adding that the launch window for the flight on Wednesday opens at 8 am CDT (Central Daylight Time).
- Post-landing, the astronauts will get inside the capsule to rehearse hatch opening, and exiting the capsule at the landing site.

New species of frog unearthed in Peruvian Amazon jungle



- A new species of marsupial frog has been discovered in Peru's Amazon jungle, the state service for natural protected areas said on Monday.
- The new species belongs to the Gastrotheca genus of tailless frogs found in South and Central America.
- The discovery was made a few weeks ago during a study in the humid tundra and mountainous woodland area of the Cordilleras de Colan, an Amazon region in the north of Peru close to the Ecuador border that sits at 3,100 meters altitude.

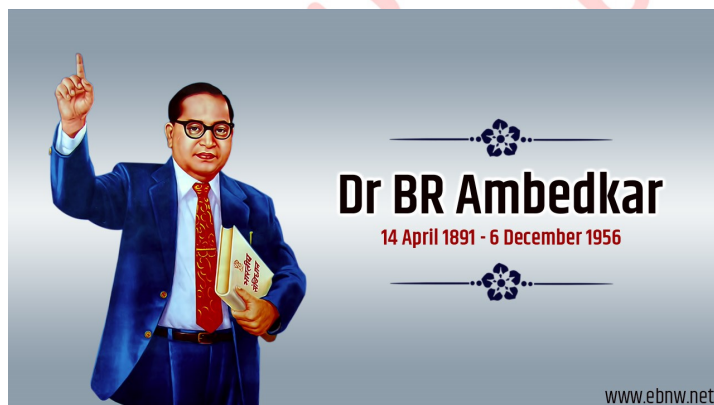
- "This new species is distinguished by having a thick granular skin on the back, a green dorsal coloration without a pattern, turquoise iris and a belly without spots, specks or dots
- The Cordillera de Colan National Sanctuary spans more than 39,000 hectares and includes six areas of threatened wildlife.

How does Japan plan to release radioactive water from nuclear station into the sea?



- Japan will release over 10-lakh-tonne treated radioactive water from a destroyed Fukushima nuclear station into the sea.
- Plant operator Tepco plans to filter the water to remove isotopes, leaving only tritium, a radioactive isotope of hydrogen hard to separate from water.
- It'll then dilute the water until tritium levels fall below regulatory limits, before releasing it into the sea.

Ambedkar Jayanti



- Ambedkar, whose 130th birth anniversary falls today, offered a substantive definition of democracy, radically different from the procedural definition that dominated the 20th-century theories of democracy.
- For him democratic mechanisms like elections and parliament were there for a purpose: 'to bring about welfare of the people'.
- Dr Bhim Rao Ambedkar, popularly known as Babasaheb Ambedkar, was a celebrated leader and the architect of the 'Constitution of India'. He was a well-known statesman who fought for the rights of the Dalits and other socially backward classes.
- Born on April 14, 1891, Dr Ambedkar is famed for his powerful speeches.
- A renowned social reformer and a Dalit icon, he spoke unequivocally against the inequality, injustice and discrimination faced by the members of the Dalit community.
- He went on to become the first law and justice minister of independent India.
- He died on December 6, 1956. He was awarded India's highest civilian honour the Bharat Ratna in 1990.

Poshan Gyan



- NITI Aayog, in partnership with Bill and Melinda Gates Foundation and Centre for Social and Behaviour Change, Ashoka University today launched Poshan Gyan, a national digital repository on health and nutrition
- 'Poshan Gyan', A Digital Repository On Nutrition Information Poshan Gyan is an extremely important initiative, and can help make nutrition a Jan Andolan

Raisina Dialogue 2021



- The Raisina Dialogue is India's premier conference on geopolitics and geoeconomics committed to addressing the most challenging issues facing the global community.
- Every year, leaders in politics, business, media, and civil society converge in New Delhi to discuss the state of the world and explore opportunities for cooperation on a wide range of contemporary matters.
- The Dialogue is structured as a multi-stakeholder, cross sectoral discussion, involving heads of state, cabinet ministers and local government officials, who are joined by thought leaders from the private sector, media and academia.
- The conference is hosted by the Observer Research Foundation in partnership with the Ministry of External Affairs, Government of India.
- This effort is supported by a number of institutions, organisations and individuals, who are committed to the mission of the conference.
- This year, the conference will be hosted in a hybrid format with in-person conversations and digital discussions.

Pharmacovigilance



- Pharmacovigilance is a wide term to depict drug success.
- It portrays the course of action, flourishing, assessment, assumption, and checking of the malignant impacts of solutions and meds.
- It is a cycle driven and reliable area inside the prescription business.

- It is the security assessment of showed drugs separated under pragmatic or interminable states of clinical use in enormous associations.
- Pharmacovigilance intends to perceive dim security issues as right on time as could be viewed as average.
- It also plans to perceive an improvement in the rehash of these naughty impacts, assessing risks, keeping patients away from being influenced absurdly.
- To improve the medication and make it less risky to the purchaser, Pharmacovigilance anticipates a basic part.

Only half of women in 57 nations in charge of their own bodies: UN



- Only about half of women in 57 countries globally could make decisions over their bodies, including issues around sex, contraception and health care, a UN report said.
- Despite constitutional guarantees of gender equality in many countries, on average, women enjoy just 75% of legal rights of men, it added.
- Thirty countries restrict women's right to move outside home.

The Hydrogen Economy – New Delhi Dialogue 2



- The Energy Forum (TEF) and the Federation of Indian Petroleum Industry (FIPI), under the aegis of Ministry of Petroleum and Natural Gas, Government of India, are organising a Hydrogen Roundtable titled “Hydrogen Economy- the Indian Dialogue-2021” in a virtual mode on 15th April, 2021 to discuss emerging hydrogen ecosystems and exploring opportunities for collaboration, cooperation and coalition.
- As the world chases its international climate commitments and takes steps to counter climate change, Hydrogen is gaining increasing importance as a source to bridge energy gaps and also as a standalone source to conventional fuels.
- The Hydrogen Roundtable, the first of its kind, will comprise a High-level Ministerial Session, followed by five Panel Discussions by eminent policy makers, experts and industry leaders from different geographical regions of the world, with focus on policy roadmaps and mapping demand and supply of Hydrogen.

- The objective of the Roundtable is to understand the progress of Hydrogen ecosystem across continents and contribute to creating synchrony among the thinktanks, Governments and the industry to join forces for developing innovative and sustainable technologies at attractive costs.

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