

KSG:NEWSPAPER CRUX

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NEWSPAPER HIGHLIGHT

Farmers growing grains and vegetables in their fields in western Rajasthan are now sorting and grading their processed agricultural products with machines. Taking advantage of subsidies, incentives and land conversion offered by government agencies during the pandemic, cultivators in the State are fast turning into entrepreneurs. With the agro-industry setting its firm foot in nondescript rural areas, mainly in Jodhpur district, chains of warehouses, cold storage facilities and food processing units have been established on agricultural land in a big way.

Ignoring what marine biologists have warned of as a serious "developmental misstep", the Lakshadweep administration is pressing ahead with plans to construct beach and lagoon villas on three islands of the Union Territory with its fragile coral ecosystem.

India will always be a supporter of international law, said External Affairs Minister S. Jaishankar laying out the policy perspective that the Indian team at the U.N. will pursue during the Security Council Presidency in August. The Minister's comment came as India took charge on Sunday against the backdrop of intensifying conflicts in Afghanistan and Myanmar.

Punjab Agricultural University's (PAU) upgraded technology for the direct seeding of rice (DSR), the 'tar watar' (good soil moisture) DSR, seems to have caught the fancy of paddy farmers in the State. A rise in the area planted under the novel DSR technique indicate that farmers are moving away from the traditional practice of puddle transplanting.

The Ministry of Ayush has collaborated with the U.K.'s London School of Hygiene and Tropical Medicine (LSHTM) to conduct a study on 'Ashwagandha' for promoting recovery from COVID19.

Pakistani authorities have finalised a law to award provisional provincial status to strategically located Gilgit-Baltistan. India has clearly conveyed to Pakistan that the entire Union Territories of Jammu and Kashmir and Ladakh, including the areas of

INDIA'S 14 TIGER RESERVES SET GLOBAL STANDARD IN TIGER CONSERVATION

- 1.Ministry of environment forest & climate change (MoEFCC) Announced conservation assured Tiger standards(CATS) accreditation for 14 out of India's 51 tiger reserves.
- 2.The theme for this year International Tiger day is is their survival is in our hands. CATS are globally accepted conservation tool that sets best practices and Standards to manage tigers and assessments to benchmark progress.
- 3.It was launched in 2013 implemented across 125 sites including 94 in India. Global Tiger Forum and WWF India are implementing partners of the national Tiger conservation authority(NTCA) for CATS assessment in India.
- 4.**India achieved the target of doubling The Tiger population 4 years ahead of St. Petersburg declaration on tiger conservation in 2010.** Project Tiger to provide Central assistance to Tiger States for Tiger conservation in designated tiger reserves in India.

ASTRONOMERS DETECT LIGHT BEHIND BLACK HOLE FOR FIRST TIME

- 1.For the first time astronomers directly with players of X-Ray radiation originating from behind a black hole deep in space. This light behind black hole shows it as a warping space, behind light and twisting magnetic fields around itself.
- 2.Besides providing Einstein's prediction of how gravity bands light round black holes, the X-ray because contain information about what is happening around black hole.
- 3.**The astronomers want to use this to create a 3D map of the black hole surroundings. The study of supermassive black hole by astronomers found luminous echoes- smaller and of different colour To bright flares,** went around due to gravitational pull from black holes.
- 4.Black hole is an astronomical object where the gravitational pull so much that even light cannot escape it. they are predicted to vary from as small as one small atom to black holes with mass more than million suns.

REAL TIME GROSS SETTLEMENT(RTGS) AND NATIONAL ELECTRONIC FUND TRANSFER(NEFT) PAYMENT SYSTEMS OPENED FOR NON-BANKS

- 1.Reserve Bank of India has allowed non-banks like prepaid payment instruments instrument issuers, card networks, white label ATM operators to participate in its centralised payment system(CPS).
- 2.CPS in India comprise of real time gross settlement(RTGS) and national electronic fund transfer(NEFT), both owned and operated by the RBI. till now only banks were are allowed to use both payment system.
- 3.Apart from banks query to select non-banks have been approved to participate in CPS- clearing corporation of stock exchanges,Select Financial Institutions(NABARD,EXIM Bank) ETC.
- 4.Advantage of non-banks- **reduction in cost of payments, minimise dependence on Banks, reduce time taken for completing payments, facilitate better settlement risk management,** ensure expanding access and participation of Non-Bank, leading to diversity and resiliency of the payment ecosystem etc.

TRIBAL LAND RIGHTS AND HUMAN RIGHTS COMMISSION(NHRC)

- 1.The national human rights commission chairman asserted that no tribal should be effected without settlement of land right claims.
- 2.**Tribal land rights- constitutional guarantee to protect tribal land rights under schedule 5 and 6.** law to recognize land rights of tribal on forest(Forest Rights Act, 2006).
- 3.NHRC- under the protection of human rights, act 1993(in conformity with Paris principle of 1991), it works for the promotion of protection of human rights.

Gilgit and Baltistan, are an integral part of the country by virtue of its fully legal and irrevocable accession.

The Chief Ministers of Assam and Mizoram have sought to ease tensions along their troubled interState border following a discussion with Union Home Minister Amit Shah.

The gross Goods and Services Tax (GST) revenues in July recovered sharply to ₹1,16,393 crore, after slipping below the ₹1 lakh crore mark for the first time in eight months in June. The Union government called the collections a sign of a rapid economic recovery from the second wave of the COVID-19 pandemic, though economists said they indicated an "incomplete" rebound.

Supreme Court Judge and Executive Chairman of National Legal Services Authority, Justice Uday Umesh Lalit, on Sunday unveiled a yearlong campaign by Haryana Legal Services Authority to strengthen legal services in the State and inaugurated several projects associated with it.

Repatriation of several hundred people who had taken shelter in Assam's Karimganj district following clashes with Bru refugees in north Tripura began on Sunday. The exodus occurred last week after local indigenous residents and Mizoram Bru refugees of a makeshift camp clashed over alleged encroachment of farmland.

After facing crushing losses for the last 18 months due to the pandemic, the poultry industry is demanding that the Union government permit the import of crushed genetically modified (GM) soy seeds for captive consumption of farmers. With the sector bedevilled by increasing production costs, misinformation regarding the link between poultry and avian flu outbreaks, COVID19-induced restrictions and natural calamities, skyrocketing prices of raw materials like soybean (that constitutes 25% of poultry feed) and maize (that constitutes 60%) in the last one year have only compounded the woes of the poultry farmers.

A hotline was established between the Indian Army at Kongra La in north Sikkim and the People's Liberation Army (PLA) at Khamba Dzong in the Tibet Autonomous Region to further the spirit of trust and cordial relations along the border, the Army said.

METAVVERSE

1. **Metaverse is closely related to virtual reality(VR) and Augmented reality(AR) technology is currently being developed by Apple,Google,Amazon and Microsoft in addition to Facebook.**

2. It is used to describe the concept of a future iteration of the internet, made up of Persistent shared 3D virtual spaces LinkedIn to a perceived virtual universe.

3. **Roblox**, a game targeted at children's is often

Considered as an example of metaverse. AR uses of a real-world setting to augment users experience while VR is completely virtual.

CRISIL'S DEFICIENT RAINFALL IMPACT PARAMETER(DRIP)

1. DRIP index(developed in 2002) is an effective gauge of the impact of deficient monsoon on agriculture. the higher the CRISIL DRIP score, the more Adverse the impact of deficient rains.

2. **DRIP is a Better Indicator then percentage deviation of rainfall from normal as it captures both Shock(deviation from normal)** as well as vulnerability of a region(measured as percentage of un-irrigated area).

REAL ESTATE REGULATORY AUTHORITY(RERA)

1. In a step towards implementation of the RERA, West Bengal has notified the rules governing, under section 84 of the real estate Regulation and development it(RERD) Act, 2016.

2. Earlier this year the Supreme Court has ruled that **West Bengal separate real estate regulation is repugnant to the RERD Act, 2016 and is unconstitutional.** RERD Act, 2016 to protect home buyers as well as help boost investment in the real estate industry.

CARBON BORDER ADJUSTMENT MECHANISM(CBAM)

1. As part of the European Union(EU) ambitious target of reducing 55% of carbon emissions compare to 1990 levels by 2030(fit for 55 initiative), it is pushing for the world's first carbon border tax on imported goods- carbon border adjustment mechanism(CBAM) from 2026.

2. It seeks to address carbon leakage like companies decamp to places with cheaper pollution caused and Loser climate regulations.

3. **Carbon border tax is a tax on Carbon emissions imposed on imported goods from countries with less strict climate policies. It aims to create a level playing field between import and domestic production.**

4. India's opposition developing countries including India have opposed CBAM calling it the described it discriminatory as it will ramp up prices of their goods in Europe and shrink demand .EU's third largest trading partner of India. also it goes against the UN principle of common but differentiated responsibilities and respective capability is(CBDR-RC). The principal acknowledges that richer countries have a responsibility of providing financial and technological assistance to developing and vulnerable countries to fight climate change.

UNION AGRICULTURE MINISTER ADDRESSES THE PRE-SUMMIT OF UNITED NATIONS(UN) FOOD SYSTEMS SUMMIT 2021

1. Ahead of the UN food system Summit September 2021 in New York UN food system Pre Summit 2021 took place in Rome which is organised by the United Nations and Italy.

2. UN food systems Summit aims to launch bold new actions to deliver progress 17 SDGs, each of which relies on their more sustainable and equitable food system. **The term food system refers to the constellation of activities involved in producing,processing,transporting and consuming food.**

3. During the Summit agriculture minister emphasized the importance of agriculture in achieving SDGs 2030 as 12 out of 17 SDGs are directly dependent on agriculture.

4. Measures in India to make agri-food system sustainable- per drop more crops scheme for irrigation, paramparagat Krishi Vikas Yojana for organic farming, soil health card scheme to conserve water and soil resources, Pradhanmantri fasal Bima Yojana to provide insurance protection for covering the risk of farmers and initiatives like agriculture infrastructure fund, formation of 10,000 farmer producer organisations, the PM-

KISHAN scheme etc.

Supreme Court judge Justice U.U. Lalit said every police station in the country must have display boards informing about the right to legal aid and the availability of free legal aid services.

Myanmar's military ruler Min Aung Hlaing has taken on the role of Prime Minister in a newly formed caretaker government, state media reported on Sunday, six months after the Army seized power from a civilian government.

DRINK FROM TAP SUJAL MISSION

1. Puri(ODISHA) has become the first city in the country to have drink from tap facility on 24-hour basis under the Sujal mission. the social Mission was launched in 2020 to ensure quality tapped drinking water in more than 15 urban areas.

2.It includes 24*7 helpline Centre with interactive voice response system for grievance redressal, and Mobile water testing laboratory. No metropolitan city in India has such facilities yet.