

EVERYDAY CURRENT AFFAIRS – JANUARY 4, 2023

TAMIL NADU

- **The state government - has set up an eight-member publicity and promotion committee at the Directorate of Agriculture**
- ✓ The committee is responsible for promotion and publicity of state and central schemes implemented in the agriculture sector.
- ✓ It is to be headed by a deputy director of agriculture (information and training)
- ✓ The members of the committee includes representatives from wings like agricultural marketing and agri business, horticulture and plantation crops, agricultural engineering, Tamil Nadu Watershed Development Agency, commissionerate of sugar, Tamil Nadu Agriculture University, director of seed certification.

NATIONAL

- **On January 3, Defence minister Rajnath Singh - inaugurated the Siyom bridge in Arunachal Pradesh, along with 27 other infrastructure projects completed by the Border Roads Organisation**



- ✓ Out of 27 other projects, eight have been constructed in Ladakh, four in Jammu and Kashmir, five in Arunachal Pradesh, three each in Sikkim, Punjab and Uttarakhand and two in Rajasthan.
 - ✓ They include 21 bridges, three roads and three additional infrastructure projects
 - ✓ Built at a cost of Rs 724.3 crore, these projects will hugely augment India's border infrastructure, mostly along the Chinese border, from Ladakh to Arunachal.
 - ✓ During the event, Rajnath Singh also released a Compendium on New Technologies prepared by Border Roads Organisation (BRO).
 - ✓ This compendium incorporates the latest technologies being adopted by BRO in the construction of roads and bridges.
 - ✓ The Siyom bridge on the Along-Yinkiong Road will facilitate faster induction of troops, heavy equipment like howitzers and mechanised vehicles to forward areas of the Upper Siang district, Tuting and Yinkiong regions along the Line of Actual Control (LAC).
 - ✓ The 100-metre 'Class-70' steel arch superstructure is located on the Aalo-Yingking road between West Siang and Upper Siang districts
 - ✓ In 2022, along with these 28 projects, the BRO has dedicated a record 103 infrastructure projects to the nation, as against 102 infra projects in 2021
 - ✓ The government recently informed the Parliament during the winter session that the BRO has built 3,097 km of roads in Arunachal Pradesh over the previous five years
- **PM Narendra Modi - will interact with students, teachers and parents at Talkatora Indoor Stadium, New Delhi during 'Pariksha Pe Charcha' on January 27.**

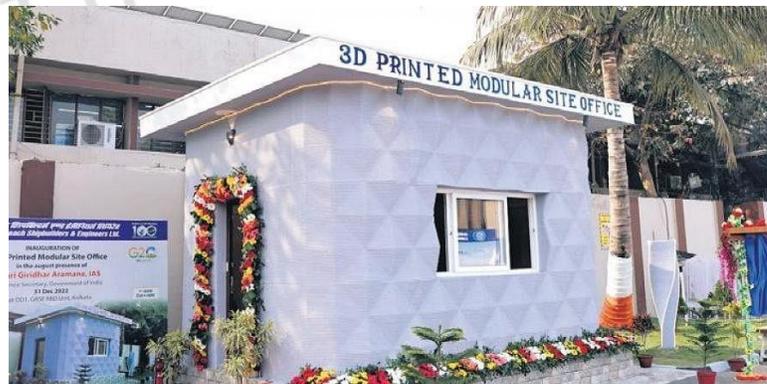


- ✓ This was informed by Union education minister Dharmendra Pradhan on January 3.
- ✓ Pradhan said he has invited the top three teams of Kala Utsav 2022-23 to Delhi to witness the Republic Day parade on January 26 as well as present their talent during the 'Pariksha Pe Charcha'.

- ✓ The five-day National Kala Utsav 2022-23, organised by the ministry of education 2022-23, commenced from January 3 at the Regional Institute of Education, Bhubaneswar
- ✓ The event seeks to promote arts in education by nurturing and showcasing the artistic talent of school students at the secondary stage.
- ✓ Pariksha Pe Charcha is an annual event where PM Modi interacts with students who will be appearing for the forthcoming board exams.
- **The Health ministry – has released a draft of the proposed National Medical Commission (Amendment) Bill, 2022.**
- ✓ The amendment includes a provision for patients or their relatives or any complainant to appeal in the Ethics and Medical Registration Board (EMRB) or the NMC against the decision/action of state medical councils in complaints related to medical negligence or professional misconduct.
- ✓ The ministry has sought suggestions/comments or objections on the proposed amendments from the public or stakeholders within 30 days.
- ✓ In October 2021, the NMC had decided that only appeals from doctors would be taken up by the EMRB and that patients should not be allowed to file appeals before the board.

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **IIT Madras deep tech startup, Tvasta Manufacturing Solutions, which specialises in construction of 3D Printing - has constructed Kolkata's first 3D Printed structure at the premises of nationalised shipyard Garden Reach Shipbuilders and Engineers (GRSE).**



- ✓ The startup has built a 3D printed site office for GRSE that will be utilised by GRSE for monitoring Anti-submarine Warfare Shallow Water Crafts (ASWSWCs).
- ✓ The 3D Printed modular site was designed and executed in 10 days
- ✓ It has a size of 180 sq ft and has a customized design providing a comfortable working space for 6 to 8 people.
- ✓ The printing of modules of the structure was completed in 2.5 days at Tvasta's factory in Chennai

- ✓ It was then transported to the site location in the form of modules, which enables swift assembly and finishing and efficient use of labor

DEFENCE

- **Captain Shiva Chauhan of the Indian Army's Fire and Fury Corps - became the first woman officer to get operationally deployed at the world's highest and coldest battlefield, Siachen Glacier**



- ✓ Chauhan is now deployed at the Kumar post at a height of 15,632 feet after a month of gruelling training at the Siachen Battle School
 - ✓ The training included endurance training, ice wall climbing, avalanche and crevasse rescue, and survival drills.
- ✓ Like other soldiers, Chauhan will be deployed in the frozen landscape for three months.
- ✓ She will be a team leader at the post and will be responsible for numerous combat engineering tasks.
- ✓ The Siachen glacier at a height of around 20,000 feet in the Karakoram range is known as the highest militarised zone in the world where the soldiers have to battle frostbite and high winds.
- ✓ The temperature at Siachen can dip to minus 60 degrees Celsius.
- ✓ In the past, women officers have been posted to Siachen base camp which is at about 9,000 ft as part of their regular postings along with the unit.
- ✓ Captain Shiva led the Sura Soi Cycling Expedition from Siachen War Memorial to the Kargil War Memorial conducted on the occasion of Kargil Vijay Diwas in July 2022
- ✓ The Rajasthan-based officer, Shiva Chauhan was commissioned into the Engineer Regiment in army in May 2021
- ✓ There are now 17 women IAF fighter pilots as well as 145 copter and transport aircraft pilots in the three Services.
- ✓ Almost 30 are deployed on frontline warships and 100 are trained military policewomen.

SPORTS

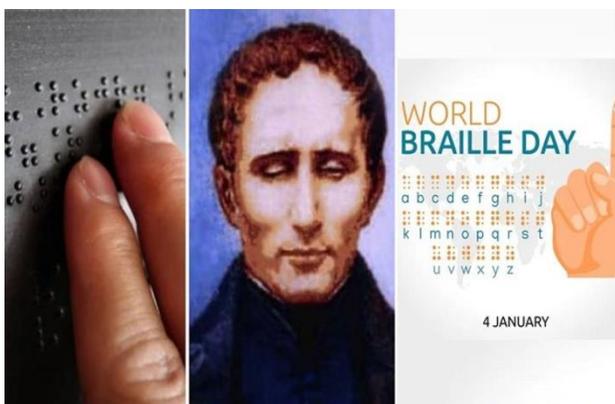
- **Saurashtra's pace veteran Jaydev Unadkat – became the first ever bowler to take a hat-trick in the opening over of a Ranji Trophy match**



- ✓ The left arm pacer, Jaydev Unadkat has demolished Delhi with an eight-wicket haul (8/39) on Day 1 of the Elite Group B match in Rajkot.
- ✓ Unadkat's hat-trick victims include opener Dhruv Shorey (0), Vaibhav Rawal (0) and captain Yash Dhull (0).
- ✓ No one had managed a first-over hat-trick in the 89-year history of the premier domestic competition.
- ✓ The previous record of the fastest Ranji hat-trick belonged to Karnataka pacer Vinay Kumar, who achieved the feat across the first and third overs in the 2017-18 quarter-final against Mumbai.
- ✓ In Saurashtra's Vijay Hazare Trophy title run, Unadkat has bagged 19 wickets in 10 matches at an economy of 3.33.
- ✓ The pacer was the highest wicket-taker in the Vijay Hazare Trophy in December 2022 and led Saurashtra to lift the trophy.
- ✓ Unadkat made his Test debut against South Africa back in Centurion in 2010

INTERNATIONAL DAY

- **World Braille Day – January 4**



- ✓ World Braille Day is observed every year to highlight the significance of Braille as a form of communication for the partially sighted and blind
- ✓ The United Nations General Assembly established the day in 2019 and it serves as the opening ceremony for Braille Literacy Month
- ✓ World Braille Day also commemorates the birth anniversary of Louis Braille, who was born on January 4, 1809
- ✓ After losing his sight during childhood, the French educator devised the Braille technique.
- ✓ The Braille system is based on a series of raised dots that can be read with the fingertips
- ✓ According to article 2 of the Convention on the Rights of Persons with Disabilities, Braille is essential for education, freedom of expression and opinion, as well as social inclusion.
- ✓ The Braille system was first published in 1829 and was adopted by the National Institute for Blind Youth.
- ✓ The World Blind Union (WBU) is an international organisation that chooses the theme for World Braille Day every year and the theme for the year 2023 has not been announced yet.
- ✓ Chinese, Hebrew, Spanish, Arabic, and many other languages have braille versions available.
- ✓ In India, uniform Braille codes for different languages was adopted in 1951.
- ✓ India also established the Central Braille Plant in Dehradun and the Central Braille Press in 1954, which produce simple Braille equipment such as slates and styluses.
- ✓ India has also accepted several United Nations resolutions on disabled people, including observing the International Year of Disabled Persons in 1981 and the UN Decade for the Disabled from 1983 to 1992.

