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MAKING THE ELIGIBLE ENTITLED

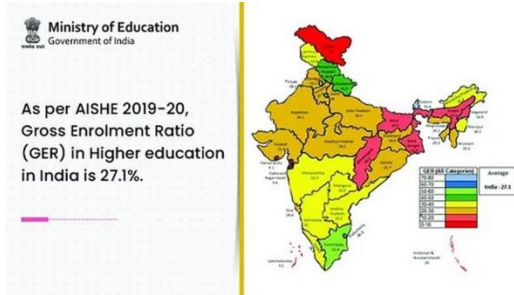
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## Current Affairs: 12/13.06.2021

**ALL INDIA SURVEY ON HIGHER EDUCATION (AISHE) 2019-20**  
Union Education Minister released the report of All India Survey on Higher Education 2019-20.



### About:

- In 2019-20 There are 1043 Universities (2%), 42343 Colleges (77%) and 11779 Stand Alone Institutions (21%) listed on AISHE web portal. 307 Universities are affiliating i.e. having Colleges.

- The top 8 States in terms of highest number of colleges in India are Uttar Pradesh, Maharashtra, Karnataka, Rajasthan, Andhra Pradesh, Tamil Nadu, Madhya Pradesh and Gujarat. Bangalore Urban district tops in terms of number of colleges with 1009 colleges followed by Jaipur with 606 colleges. Top 50 districts have about 32% of colleges. College density, i.e. the number of colleges per lakh eligible population (population in the age-group 18-23 years) varies from 7 in Bihar to 59 in Karnataka as compared to All India average of 30. Total enrolment in higher education has been estimated to be 38.5 million with 19.6 million boys and 18.9 million female. Female constitute 49% of the total enrolment.
- Uttar Pradesh comes at number one with the highest student enrolment followed by Maharashtra and Tamil Nadu. Gross Enrolment Ratio (GER) in Higher education in India is 27.1, which is calculated for 18-23 years of age group. Gross Enrolment Ratio (GER), the percentage of students belonging to the eligible age group enrolled in Higher Education, in 2019-20 is 27.1% against 26.3% in 2018-19 and 24.3% in 2014-2015. Highest share of foreign students come from the neighboring countries of which Nepal is 28.1% of the total, followed by, Afghanistan 9.1%, Bangladesh 4.6%, Bhutan constitutes 3.8% and Sudan 3.6%. Pupil Teacher Ratio (PTR) in Universities and Colleges is 28 if regular mode enrolment is considered whereas PTR for Universities and its Constituent Units is 18 for regular mode. Gender Parity Index (GPI) in Higher Education in 2019-20 is 1.01 against



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1.00 in 2018-19 indicating an improvement in the relative access to higher education for females of eligible age group compared to males.

## NEW ATLANTIC CHARTER

The New Atlantic Charter is an agreement that was signed by the Prime Minister of the United Kingdom Boris Johnson and the President of the United States Joe Biden on 10 June 2021.



### About:

The agreement was signed at the first face-to-face meeting between Johnson and Biden at the 2021 G7 Summit in Cornwall, England. The agreement is a new version of the Atlantic Charter, signed by Winston Churchill and Franklin D. Roosevelt in 1941.

## CANADIAN HYDROGEN INTENSITY MAPPING EXPERIMENT (CHIME)

Scientists with the Canadian Hydrogen Intensity Mapping Experiment (CHIME) Collaboration have assembled the largest collection of fast radio bursts (FRBs) in the telescope's first FRB catalogue.



### About:

CHIME is an interferometric radio telescope. It is located in British Columbia, Canada. It consists of four antennas consisting of 100 x 20 metre cylindrical parabolic reflectors with 1024 dual-polarization radio receivers suspended on a support above them. The antenna receives radio waves from hydrogen in space at frequencies in the 400–800 MHz

## HERITAGE TREES

The Maharashtra government will make amendments to the Maharashtra (Urban Areas) Protection and Preservation of Trees Act of 1975, to introduce provisions for the protection of 'heritage trees'.



### About:

Under the proposed amendment, a tree with an estimated age of 50 years or more shall be defined as a heritage tree. It may belong to specific species, which will be notified from time to time.

In addition to the age, the state climate change department (which will be implementing the Tree Act), will also consider a tree's

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rarity, its botanical, historical, religious, mythological and cultural importance in defining a heritage tree. The local Tree Authority will have to ensure tree census to be carried out every five years along with counting of heritage trees.

## PROF RADHAMOHAN

**PM Modi condoled the demise of Noted economist-turned-environmentalist Prof Radhamohan.**

### About:



He had made a distinguished contribution to sustainable organic farming in the state of Odisha. He along with his daughter had transformed 36 acres of a degraded land in Nayagarh district of Odisha into a 'food forest', as was called by Prof Radhamohan, through soil and water conservation techniques. The 'food forest' now has over 1,000 species of plants, 500 varieties of rice and supports a seed bank with 700 indigenous varieties of seeds. Besides, he had started Sambhav, a resource centre for farmers across the country, to exchange seeds and train them in organic farming.

### Awards

- Prof Radhamohan and his daughter Sabarmatee were awarded Padma Shri, last year along for their contribution to the field of agriculture.
- For his work on environment, the United Nations Environment Programme had conferred 'The Global Roll of Honour' on him.
- The Odisha government awarded him the highest civilian award 'Utkal Seva Samman' for dedicated public service.

## ASHOK PANAGARIYA

**The Prime Minister, Shri Narendra Modi has expressed grief over the demise of noted neurologist Dr. Ashok Panagariya.**

### About:



Ashok Panagariya (1950 – 2021) was an Indian neurologist known for his research on nerve cells and neuromyotonia. He was a Vice Chancellor of Rajasthan University of Health Sciences, Jaipur and a member of the Planning Board of the Government of Rajasthan.

### Neuromyotonia (NMT)

Neuromyotonia (NMT) is a form of peripheral nerve hyperexcitability that causes spontaneous muscular activity resulting from repetitive motor unit action potentials of peripheral origin. NMT along with Morvan's syndrome are the most severe types in the

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Peripheral

Nerve

Hyperexcitability

spectrum.



- A recipient of prestigious Dr. B. C. Roy Award, the highest Indian award in the medical category.
- Ashok Panagariya was awarded Padma Shri in 2014.
- He was also a recipient of the UNESCO Award for medical/social contributions.

## TURMERIC

Women growing turmeric in Odisha's Koraput district appear to have found a foot-hold in a market that promises perennial return for their organic crop. The turmeric grown in Laxmipur block of Koraput district is distinct as it contains curcumin between 5.5% and 6.66%.

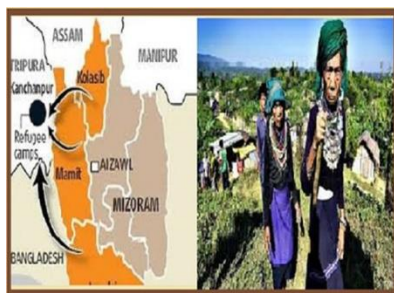
### About:



Turmeric (*Curcuma longa*) is, a perennial herbaceous plant of the ginger family. The plant's underground stems or rhizomes have been used as spice, dye, medicine and religious marker since antiquity. **The spice's colour comes mainly from curcumin**, a bright yellow phenolic compound that has been in the news for its ostensible potential to fight cancer. As a result, the demand for turmeric with high curcumin content has risen. **India is the world's largest producer of Turmeric.** Telangana followed by Maharashtra, Tamil Nadu, Gujarat and Odisha are largest producers in India. 'Kandhamal Haldi' (a variety of turmeric indigenous to southern Odisha) and Erode turmeric (grown in the entire Erode district of Tamil Nadu) have earned the GI tag.

## BRU

The National Green Tribunal (NGT) has sought replies from the Forest Department and a district administration in Tripura on a complaint that Bru refugees from adjoining Mizoram were being resettled in a forest.



### Bru Tribe:

**Residence:** The Brus, also referred to as the Reangs, are spread across the north-eastern states of Tripura, Assam, Manipur, and Mizoram. In Tripura, they are recognised as a Particularly Vulnerable Tribal Group.

**Culture:** They speak the Reang dialect of Kokborok language which is locally referred to as **Kau**

**Bru.** Their **Hojagiri** folk dance is well known all over the world. '**Buisu**', not 'bihu' is the most popular festival of Reang tribes.

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## Conflict in Mizoram:

- In 1995, Mizos, the majority tribe of the Mizoram, demanded that Brus be left out of the state's electoral rolls as they contended that they are not indigenous to Mizoram.
- In 1997, ethnic violence forced the Brus to flee the state in large numbers to neighbouring Tripura. Currently, around 40,000 Bru refugees are living in Tripura camps.
- In June 2018, community leaders from the Bru camps signed an agreement in Delhi with the Centre and the two state governments, providing for repatriation in Mizoram. But most camp residents rejected the agreement as the package does not guarantee their safety in Mizoram.
- About 7,000 refugees returned to Mizoram after nine phases of repatriation till November 30, 2019. The rest stayed put citing security reasons.
- The repatriation stalemate ended with the signing of the quadripartite agreement on January 16, 2020, among representatives of Brus, the Ministry of Home Affairs and the Tripura and Mizoram governments.

## ITALIAN MARINES CASE / ENRICA LEXIE CASE

**The Central government informed the Supreme Court on that Italy had paid ₹10 crore compensation for disbursement among the families of fishermen shot dead/injured by two Italian marines detailed on Enrica Lexie, an Italian-flagged vessel in 2012, who mistook them for pirates off the coast of Kerala.**



### What is the Italian Marines case?

On February 15, 2012, two Indian fishermen returning from a fishing expedition near Lakshadweep islands onboard fishing vessel St Antony were gunned down by two Italian marines on board oil tanker Enrica Lexie. The incident occurred around 20 nautical miles off the coast of Kerala. Shortly after the incident, the Indian Coast Guard intercepted Enrica Lexie and detained the two Italian marines— Salvatore Girone and Massimiliano Latorre. Following this, the Kerala Police registered an FIR against them for murder and arrested them.

### March 2021 verdict by Supreme Court

- In March 2021, the Supreme Court said that the case against two Italian marines who gunned down two Indian fishermen off the coast of Kerala in February, 2012, will be closed only after Italy deposits with it Rs 10 crore as compensation to victims.

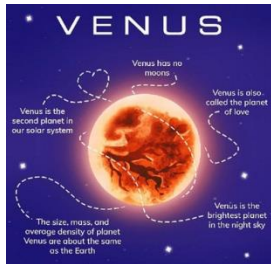
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The apex court has said that Rs 4 crore each out of the compensation will go to the next of kin of the two fishermen while Rs 2 crore will be given to the owner of the fishing vessel in which they were travelling.

- The compensation is a mutually agreed amount between India and Italy in terms of the award by an international tribunal.

## EnVision MISSION



Following NASA's footsteps, the European Space Agency (ESA) announced that it has selected EnVision as its next orbiter that will visit Venus sometime in the 2030s.

### So what is EnVision?

EnVision is an ESA led mission with contributions from NASA. It is likely to be launched sometime in the 2030s. The earliest launch opportunity for EnVision is 2031, followed by 2032 and 2033. Once launched on an Ariane 6 rocket, the spacecraft will take about 15 months to reach Venus and will take 16 more months to achieve orbit circularisation. The spacecraft will carry a range of instruments to study the planet's atmosphere and surface, monitor trace gases in the atmosphere and analyse its surface composition. A radar provided by NASA will help to image and map the surface. At the core of the ESA's mission is the question of how Earth and Venus evolved so differently from each other considering that they are roughly of the same size and composition.