

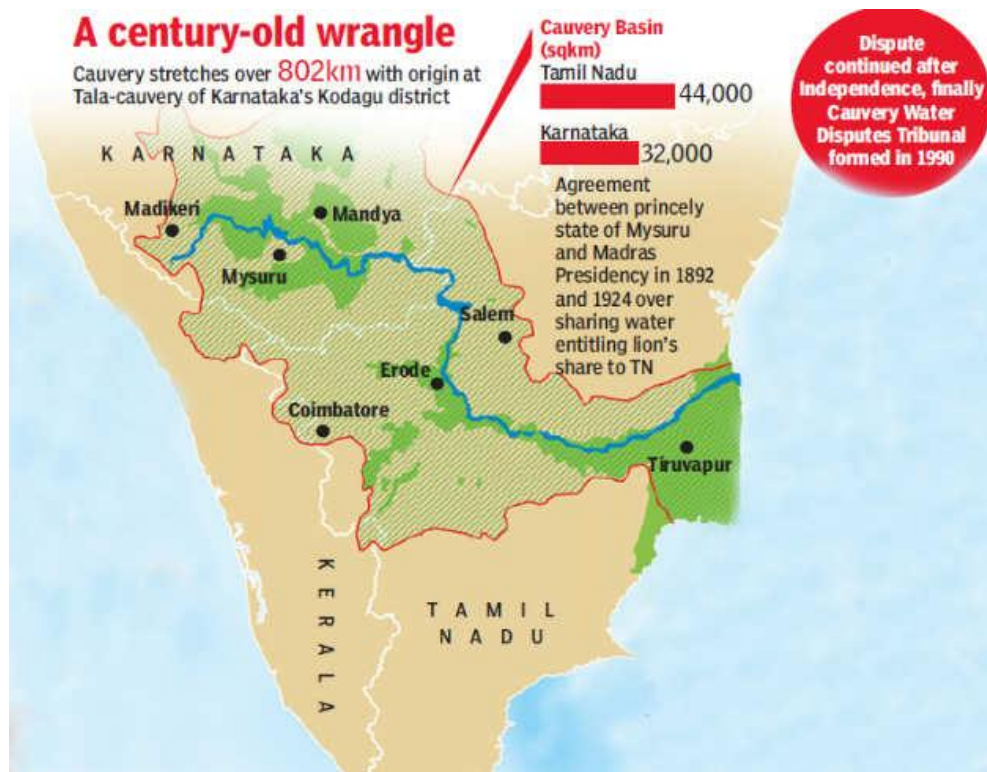
July - 31

TNPSC BITS

- ❖ Sweden has ratified the framework agreement for the International Solar Alliance (ISA) and became a member of the global platform.
 - ISA is an initiative of India aimed at promoting renewable energy and sustainable development.

TAMIL NADU

1892 Agreement between Mysore and Madras



- ❖ An Agreement was entered into between the then State of Mysore & Madras (presently State of Karnataka and State of Tamil Nadu) in 1892 with reference to taking up new irrigation works across the rivers
- ❖ According to this, when the Mysore Government desires to construct any "New irrigation Reservoir" or any new anicut, the full information regarding the proposed work shall be forwarded to the Madras Government and the consent of that Government shall be obtained previous to the actual commencement of work.

- ❖ The Madras Government shall be bound not to refuse such consent except for the protection of prescriptive right.

NATIONAL

National Institutes of Food Technology Bill

- ❖ The Parliament has passed the National Institutes of Food Technology, Entrepreneurship and Management Bill, 2021.
- ❖ The Bill was unanimously passed by the Lok Sabha.
- ❖ It was already been passed in the Rajya Sabha.
- ❖ This bill was moved by Pashupati Kumar Paras who is the Food Processing and Industries Minister.
- ❖ This bill lays down various provisions for institutes of food technology, management and entrepreneurship.
- ❖ This bill got introduced and passed in a time of just 8 minutes making it a record.
- ❖ This bill also seeks to declare the Indian Institute of Food Processing Technology which is located at Thanjavur and the National Institute of Food Technology Entrepreneurship and Management which is located at Kundli (Haryana) as institutions of national importance.

Exercise Cutlass Express 2021





- ❖ In the maritime Exercise Cutlass Express 2021, INS Talwar is participating.
- ❖ This naval exercise is being conducted along the Eastern Coast of Africa.
- ❖ This maritime exercise is held annually.
- ❖ It is conducted to promote regional and national maritime security in the Western Indian Ocean and East Africa.

KVIC and BSF Launch Project Bold

- ❖ Khadi and Village Industries Commission (KVIC) in collaboration with the Border Security Force has launched Project Bold (Bamboo Oasis on Lands in Drought).
- ❖ Its primary aim is to develop green cover in the Indian deserts of Rajasthan.
- ❖ KVIC along with the BSF planted 1000 bamboo saplings under Project Bold.
- ❖ The saplings were planted in Tanot village in Jaisalmer.

Centre for animation, visual effects, gaming and comics

- ❖ The Union Government has decided to set up a National Centre of Excellence for Animation, Visual Effects, Gaming and Comics.
- ❖ This is for creating a world-class talent pool in India to cater to the Indian as well as a global industry.
- ❖ It will be set up in collaboration with the Indian Institute of Technology, Bombay.

Centre for Bio-Resources & Sustainable Development

- ❖ The Ministry of Science and Technology will set up a first-of-its-kind Centre of Excellence in the Northeast.
- ❖ The prestigious project for establishing Centre for Bio-Resources and Sustainable Development as a Centre of Excellence was sanctioned by the Department of Biotechnology.
- ❖ The location of the project is at Kimin in district Papum Pare in Arunachal Pradesh.

India's Top 11 Cycling Pioneers

- ❖ 11 cities across the country have been awarded with the prestigious title of being Top 11 Cycling Pioneers of India.

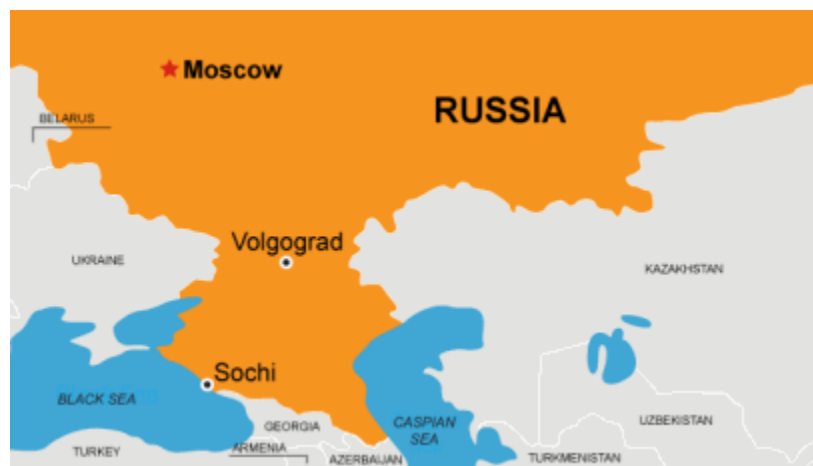
- ❖ This was announced by the Ministry of Housing and Urban Affairs.
- ❖ They are Bengaluru, Bhubaneswar, Chandigarh, Kohima, Nagpur, New Town Kolkata, Pimpri Chinchwad, Rajkot, Surat, Vadodara and Warangal.
- ❖ Four cities (Aurangabad, Gurugram, Jabalpur and Silvassa), received a special mention by the jury for the efforts put in by them in testing the pilot initiatives of the challenge.

INTERNATIONAL

Affordable New Drug for Hepatitis c - Malaysia

- ❖ The World's first affordable as well as effective new drug for hepatitis C has been registered by Malaysia.
- ❖ The drug which has been named ravidasvir has been approved for use along with an existing drug named sofosbuvir.
- ❖ Hepatitis C which is a blood-borne virus that is one of the leading causes of liver cancer and can lead to cirrhosis.
- ❖ Hepatitis C has no vaccine.
- ❖ The WHO plans to eliminate this disease by reducing new infections by 90% and deaths by 65 % by the year 2030.

INDRA 2021



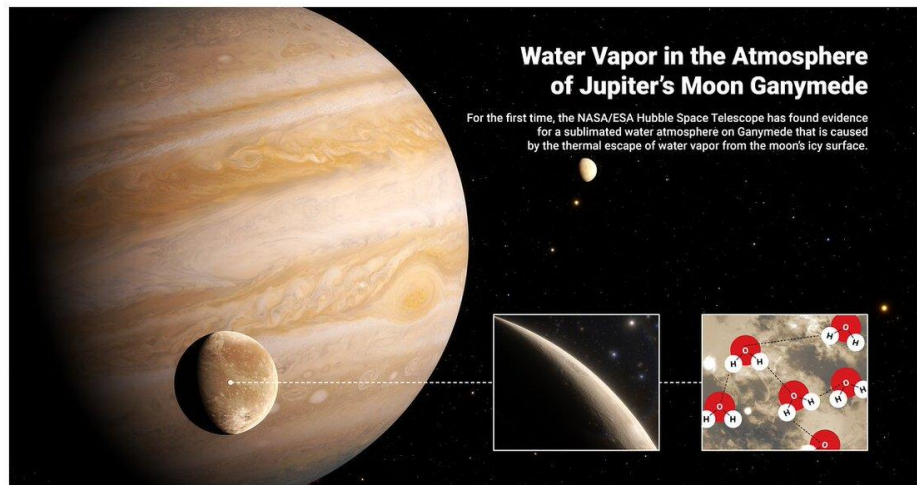
- ❖ India and Russia will hold the 12th edition of joint military exercise in Russia's Volgograd.
- ❖ The exercise is named INDRA 2021.

- ❖ It will further strengthen and develop the bilateral security cooperation of the two countries.
- ❖ 250 personnel from both the nations will take part in this exercise.

SCIENCE AND TECHNOLOGY

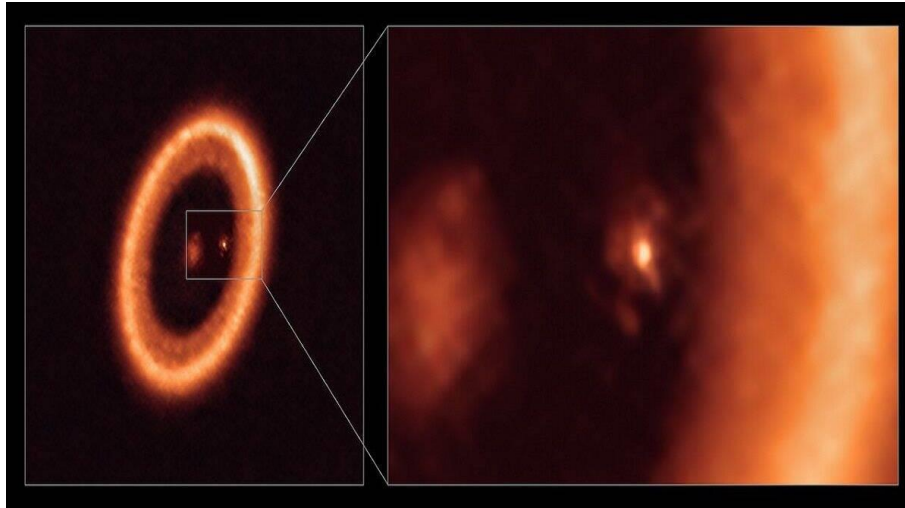
First evidence of water vapor - Ganymede

- ❖ Scientists have discovered the first evidence of water vapour in the atmosphere of Jupiter's icy moon Ganymede with the help of the Hubble Space Telescope.
- ❖ The results were published in the Nature Astronomy journal.
- ❖ Jupiter's moon Ganymede is the largest moon and the ninth-largest celestial body in our Solar System.



Moon-forming Region

- ❖ For the first time, scientists have spotted a moon-forming region around one of the two exoplanets (PDS 70c) orbiting an orange-coloured young star called PDS 70, which is located 370 light years from Earth.
- ❖ Exoplanets are planets found outside our solar system.
- ❖ ALMA observatory, Chile detected the disc of swirling material accumulating around one of two exoplanets seen orbiting a star.
- ❖ It is called a circumplanetary disc from which moons are born.



STATES

Gross Environment Product - Uttarakhand

- ❖ The Uttarakhand government announced that it will initiate valuation of its natural resources in the form of 'Gross Environment Product' (GEP), said to be along the lines of Gross Domestic Product (GDP).
- ❖ Gross Environment Product (GEP) is an assessment system to measure the ecosystem services of any area.
- ❖ It reflects the aggregated annual value of goods and services provided by ecosystems (forests, water bodies, oceans, etc.) to people in a given region.
- ❖ It summarizes the value of ecosystem services in a single monetary metric.
- ❖ The term "ecosystem services" (ES) was coined in 1981 to attract academics to address environmental issues.
- ❖ ES are the benefits human populations derive, directly or indirectly, from ecosystem functions.

Basavaraj S Bommai

- ❖ The BJP legislature party has unanimously elected Lingayat MLA Basavaraj S Bommai as the new Chief Minister of Karnataka.
- ❖ He will succeed BS Yediyurappa.
- ❖ He will be sworn in as the 23rd Chief Minister of Karnataka.



IMPORTANT DAYS

World Day against Trafficking in Persons - July 30



- ❖ In 2013, the General Assembly designated July 30 as the World Day against Trafficking in Persons.
- ❖ This day was created to raise awareness of the situation of victims of human trafficking and for the promotion and protection of their rights.
- ❖ The 2021 theme for World Day against Trafficking in Persons is “Victims’ Voices Lead the Way”.

World Ranger Day - July 31

- ❖ World Ranger Day is being celebrated every year to acknowledge the critical work of rangers on the front-line of conservation across the globe.
- ❖ Its objectives are to honour Rangers killed or injured during duty and to safeguard the earth’s natural treasures and cultural heritage.
- ❖ It was initiated by International Ranger Federation (Estd -1992) and it is being Celebrated Since – 2007.

