

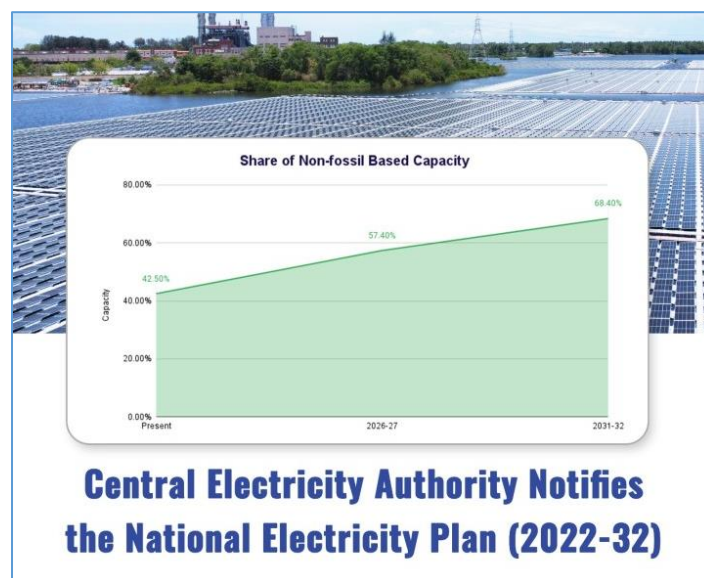
June - 13

TNPSC BITS

- ❖ AIIMS-Nagpur has become the first AIIMS in the country to receive the prestigious NABH (National Accreditation Board for Hospitals and Healthcare Providers) accreditation.
- ❖ The 3rd Health Working Group meeting as part of G20 India Presidency was held at Hyderabad.
- ❖ Sagar Samriddhi is the online dredging monitoring system launched to accelerate 'Waste to Wealth' initiative.
 - It was launched by the Ministry of Ports, Shipping and Waterways.
- ❖ India, France and UAE have concluded their first-ever trilateral Maritime Partnership Exercise between three navies in the Gulf of Oman.
- ❖ Maharashtra Government has launched Asia's largest, ambitious and historic cluster development scheme in Thane.
 - The redeveloped township plan includes well-equipped health, educational, sports, recreational, parking, mandi, and civic facilities.

TAMIL NADU

National Electricity plan



- ❖ The National Electricity Plan Volume-I: Generation was notified by the Central Electricity Authority (CEA).

- ❖ Tamil Nadu accounts for about 82% of India's lignite reserves of 40.9 billion tonne.
- ❖ The State has lignite reserves of 33,309.53 million tonne, followed by Rajasthan with 4,835.29 million tonne and Gujarat with 2,722.05 million tonnes.
- ❖ Jammu and Kashmir accounts for 25.55 million tonnes.
- ❖ Kerala and West Bengal together have 11.44 million tonnes.
- ❖ The National Electricity plan covers a detailed plan for the period 2022-27 and a prospective plan for the period 2027-32.
- ❖ It anticipates 28.74 billion units of gross lignite-based generation by 2026-27 and 28.18 billion units by 2031-32.
- ❖ Tamil Nadu's peak power demand is expected to be 21,736 MW by 2026-27 and 28,291 MW by 2031-32, as per the plan.

Highest rainfall in a day

- ❖ A strong hailstorm hit many parts of Vellore recently.
- ❖ The highest rainfall (55 mm) recorded in a day in the State for this season.
- ❖ Vellore recorded 41.7 degrees Celsius, which is the highest in the State for this summer.

NATIONAL

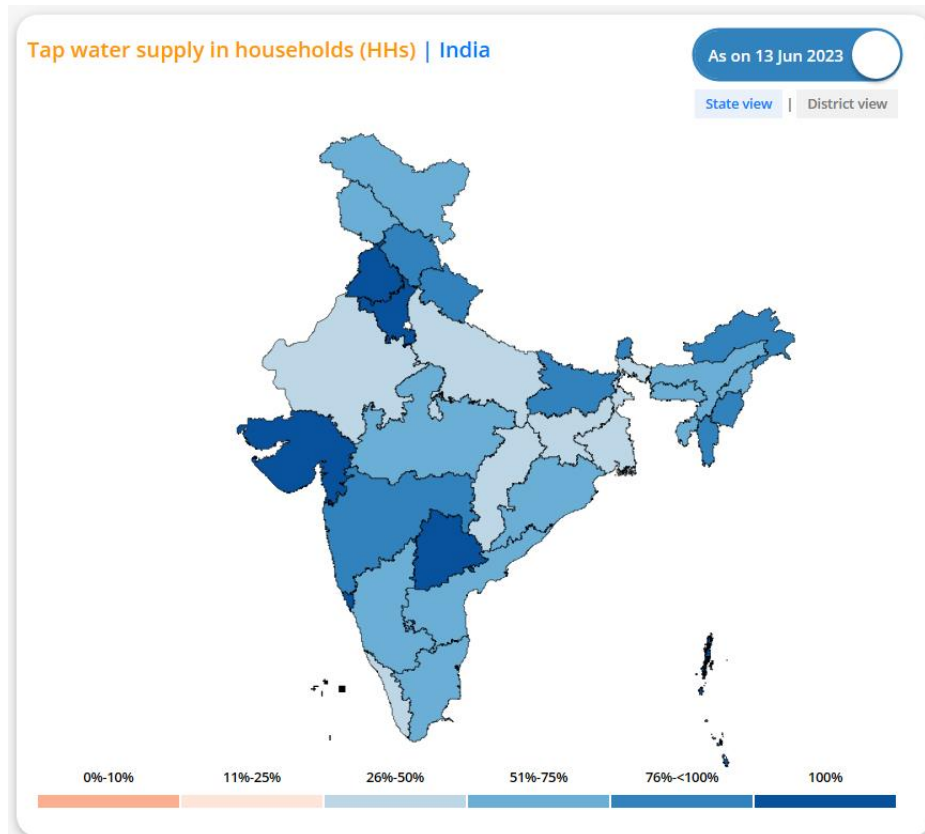
13th Century tomb-like structure



- ❖ A tomb-like structure was discovered in the Siri Fort area in Delhi by the Archaeological Survey of India.

- ❖ Siri Fort was built in the 13th Century by Aladdin Khilji, considered to be the most powerful ruler of the Khilji dynasty.
- ❖ It was used as a garrison town where his army used to reside.

WHO Report on Potable Water



- ❖ WHO highlights the substantial benefits of the 'Har Ghar Jal' program in India.
- ❖ Jal Jeevan Mission (JJM) aims to provide piped potable water to all of Indians.
- ❖ It would succeed in averting close to 4,00,000 deaths from diarrhoea.
- ❖ It also prevents approximately 14 million Disability Adjusted Life Years (DALYs) related to these diseases.
- ❖ This achievement alone would result in estimated cost savings of up to \$101 billion.
- ❖ Currently about 12.3 crore rural households, or 62%, have piped water connections up from 3.2 crore or about 16.6% from 2019.
- ❖ Five states viz; Gujarat, Telangana, Goa, Haryana, and Punjab and 3 Union Territories — Andaman & Nicobar Islands, Daman Diu & Dadra Nagar Haveli and Puducherry have reported 100% coverage.

- ❖ Himachal Pradesh covered 98.87%, followed by Bihar at 96.30%.

National Mission on Advanced and High-Impact Research



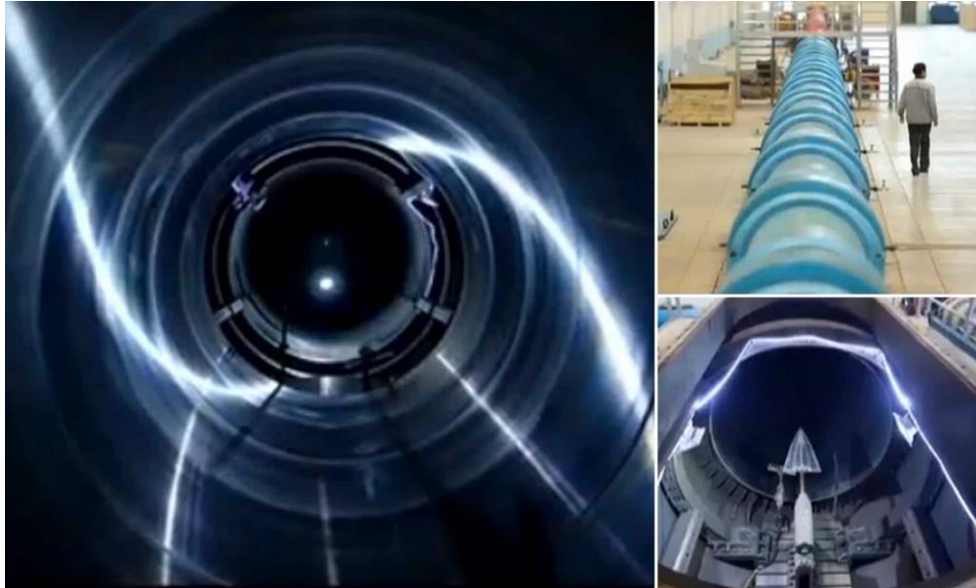
- ❖ The Ministry of Power and the Ministry of New and Renewable Energy have jointly launched National Mission, titled “Mission on Advanced and High-Impact Research (MAHIR)”
- ❖ It aims to facilitate indigenous research, development and demonstration of the latest and emerging technologies in the power sector.
- ❖ This will identify the emerging technologies and taking them to the implementation stage.
- ❖ Planned for an initial period of five years from 2023-24 to 2027-28, the Mission will follow the technology life cycle approach of Idea to Product.

INTERNATIONAL

Most powerful hypersonic wind tunnel

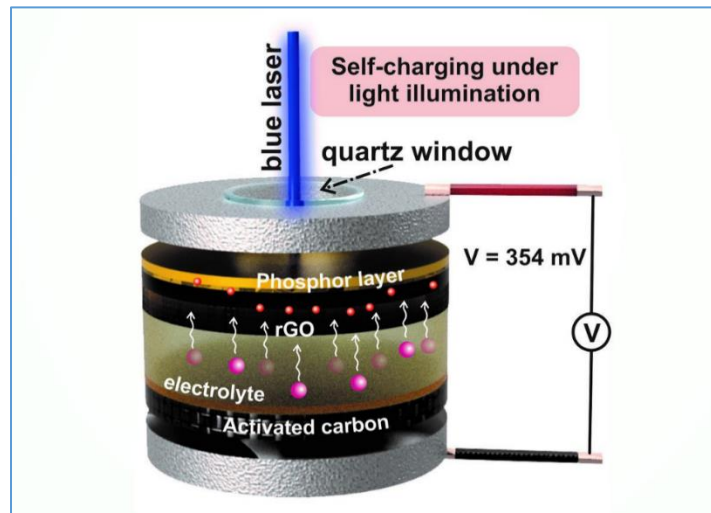
- ❖ China has recently completed the construction of the most powerful wind tunnel in the world.

- ❖ The wind tunnel, called JF-22, has a diameter of 4 metres (13 feet) and can generate incredibly high airflow speeds of up to 10 kilometres (6.2 miles) per second.
- ❖ This makes it capable of simulating hypersonic flight conditions up to Mach 30, which is 30 times the speed of sound.



SCIENCE AND TECHNOLOGY

Light-powered Supercapacitors

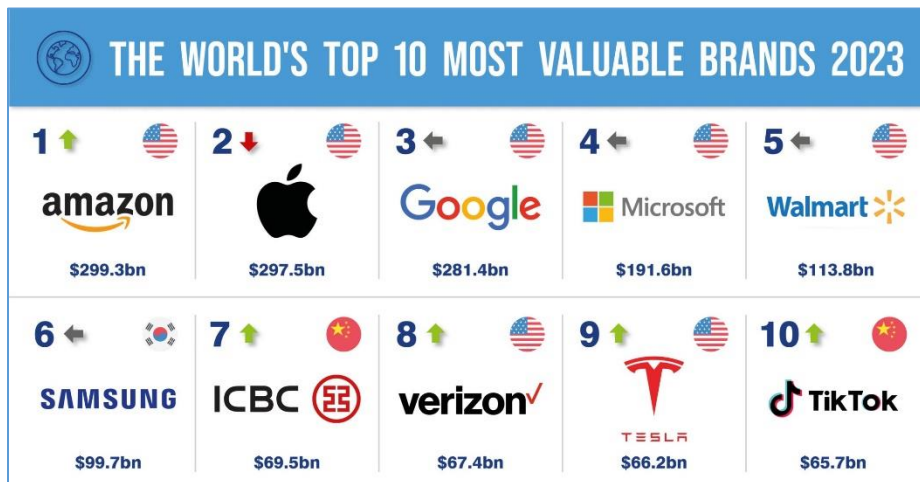


- ❖ The Indian and Korean researchers have jointly developed a portable super capacitor that can be charged using light.

- ❖ It will be replacing the conventional lithium-ion batteries in portable and wearable devices such as smartphones and tablets.
- ❖ However, supercapacitors' capability of getting charged and discharged quickly.
- ❖ They exhibit long life since they are not subject to chemical degradation as in conventional batteries.
- ❖ A supercapacitor device consists of an electrode, electrolyte and a current collector.

REPORTS AND INDICES

Brand Finance Report

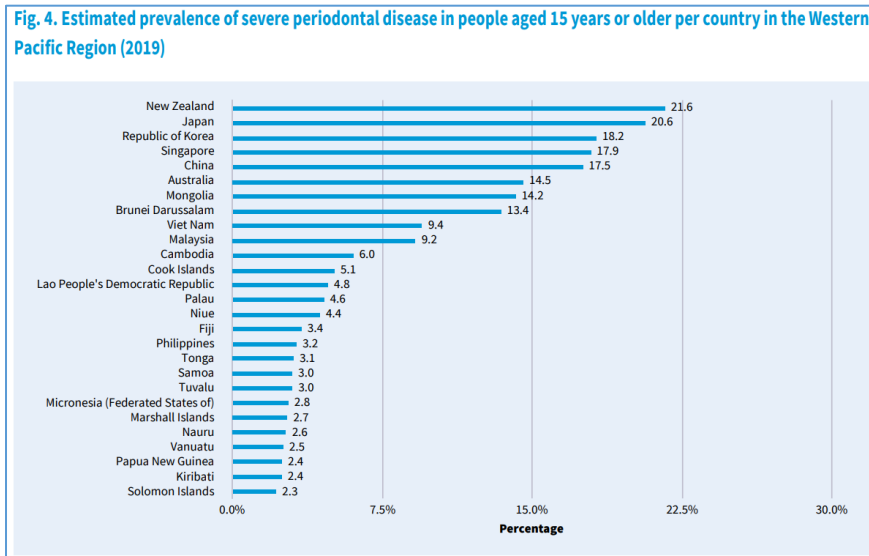


- ❖ Brand Finance, the world's leading independent brand valuation firm released its report recently.
- ❖ The Tata Group has retained its title of India's most valuable brand in India.
- ❖ This is the first time that an Indian brand has breached the brand value-mark of \$25 billion to feature in the top 100 of the Brand Finance Global 500.
- ❖ IT Company Infosys is the second-most valued company in India.
- ❖ Taj Group with a brand value of \$374 million, became India's strongest brand for the second year in a row.
- ❖ The Mahindra group has also leaped into the position as India's seventh most valuable brand

Global oral health status report - WHO

- ❖ About 3.5 billion people worldwide were affected by oral diseases in 2019.

- ❖ Between 1990 and 2019, estimated case numbers of oral diseases increased by more than 1 billion.
- ❖ This translates to a 50% increase, which is larger than the population increase of about 45% during the same period.
- ❖ The oral diseases in the region surged by 30% over the past 30 years (1990–2019).
- ❖ The global average spending for oral healthcare is USD 50 per person per year in 2019.



IMPORTANT DAYS

World Day Against Child Labour 2023 - June 12



- ❖ It is an event that is observed by all United Nations member countries to raise awareness about the need to end child Labour.
- ❖ The International Labour Organization established this day in the year 2002.



- ❖ The Africa and the Asia and the Pacific regions together account for almost nine out of every ten children in child labour worldwide.
- ❖ Theme of this year is ‘Social Justice for All. End Child Labour!’

