

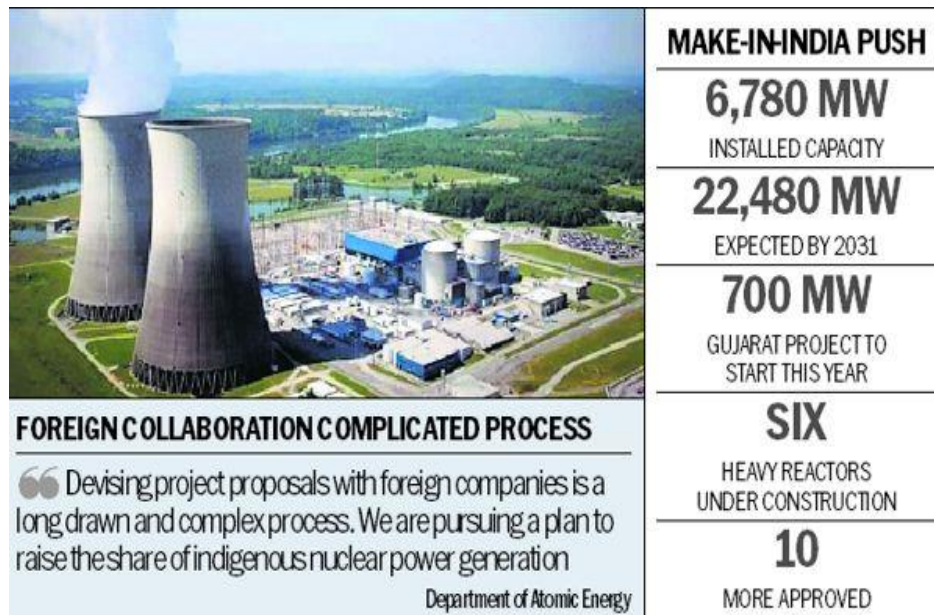
December - 19

TNPSC BITS

- ❖ Airtel partners Tech Mahindra for India's first 5G-enabled auto manufacturing unit.
- ❖ Hyderabad Strikers has crowned as champions of 4th Tennis Premier League (TPL) 2022, held at Pune, Maharashtra, by beating Mumbai Leon Army.
- ❖ Jammu and Kashmir has been awarded 1st prize in the category for Ayushman Bharat health account ID generation and 2nd prize in the category for Teleconsultation conducted.
- ❖ India has successfully conducted night trials of nuclear-capable ballistic missile Agni V.
 - It is capable of striking targets at ranges up to 5,000 Km with very high degree of accuracy.

NATIONAL

20 Nuclear Power



- ❖ India plans to commission 20 nuclear power plants by 2031.
- ❖ It is adding nearly 15,000 MW in power generating capacity.
- ❖ The first of these 20 nuclear power plants, a 700 MW unit, is expected to be commissioned in 2023 at Kakrapar, Gujarat.

- ❖ 500 MW Prototype Fast Breeder Reactor at Kalpakkam is likely to be operational in 2024.
- ❖ It is followed by two 1,000 MW units at Kudankulam in 2025.

First carbon-neutral power exchange



- ❖ Energy trading platform Indian Energy Exchange (IEX) became the country's first carbon-neutral power exchange.
- ❖ It is using market based tradable instruments to offset its carbon emissions.
- ❖ India has set a target to net zero emissions by 2070.

1st mass-produced Flex Fuel car



- ❖ Maruti Suzuki, has showcased the Wagon R Flex Fuel prototype model in Delhi.

- ❖ It is marked as India's 1st mass segment Flex Fuel car.
- ❖ The car is designed to run on any ethanol-petrol blend between 20% (E20) and 85% (E85) fuel.
- ❖ The Wagon R Flex Fuel prototype vehicle has an upgraded engine designed specifically to use higher ethanol-blended petrol.

WHO GCTM



WHO Global Centre for Traditional Medicine

First and only global outpost
Centre (office) for traditional medicine
across the globe to be established in
Jamnagar, Gujarat

Benefits:

- > To position AYUSH systems across the globe
- > To provide leadership on global health matters pertaining to traditional medicine
- > To ensure quality, safety and efficacy, accessibility and rational use of traditional medicine
- > To develop norms in relevant technical areas
- > To develop specific capacity building and training programmes

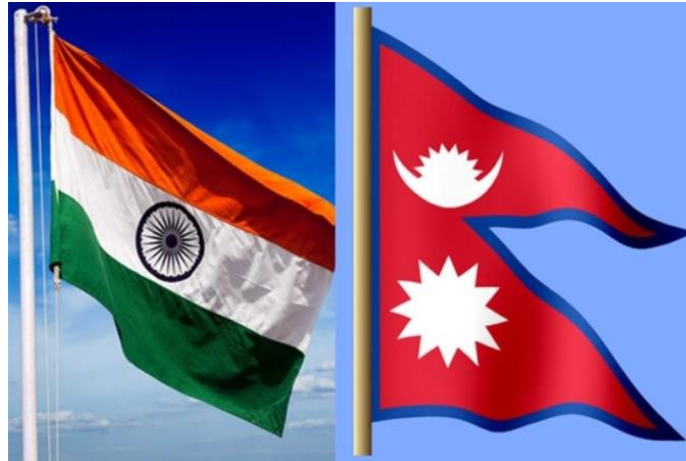
CABINET DECISIONS 09-03-2022

- ❖ The Union Cabinet has approved the establishment of the WHO Global Centre for Traditional Medicine (WHO GCTM) in Jamnagar, Gujarat.
- ❖ The WHO GCTM will be established in Jamnagar under the Ministry of AYUSH.
- ❖ This would be the first and only global outpost Centre (office) for traditional medicine across the globe.

Surya Kiran Exercise XVI

- ❖ Exercise Surya Kiran is a joint military exercise between the armies of India and Nepal, held at Nepal.
- ❖ Its objectives include improving interoperability and sharing experiences and best practices on counter-insurgency operations.

- ❖ The inaugural edition of this bilateral exercise was held in Mizoram in 2011.



INTERNATIONAL

Group of Friends



**The Permanent Missions of Bangladesh, Egypt, France,
India, Morocco and Nepal to the
United Nations**

invite you for the launch of

**The Group of Friends to promote
Accountability for Crimes against
Peacekeepers**

Key Note Address by
External Affairs Minister of India
H.E. Dr. S. Jaishankar

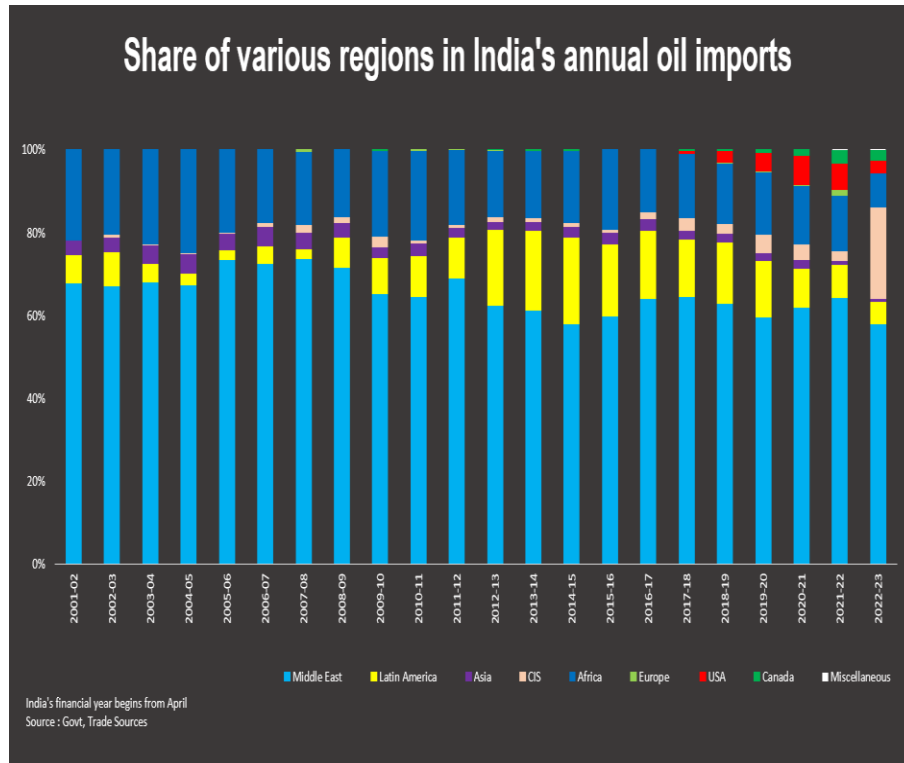
On 15 Dec 2022 at 1500 hrs
at Trusteeship Council Chamber

- ❖ India has launched a 'Group of Friends' to promote accountability for crimes against peacekeepers.

- ❖ It will soon have a database that will record all crimes against the Blue Helmets.
- ❖ India, Bangladesh, Egypt, France, Morocco and Nepal are co-chairs of the 'Group of Friends'.

ECONOMY

Top oil supplier



- ❖ Russia has for the first time emerged as top oil supplier to India replacing Iraq.
- ❖ India's oil imports from Russia rose for the fifth straight month.
- ❖ Russian oil accounted for about 23 per cent of India's overall import.
- ❖ Last month India's oil imports from Iraq declined to the lowest since September 2020.

STATES

Award for best practices in controlling TB

- ❖ The Meghalaya has adopted a 'Jan Andolan' (people's movement) against Tuberculosis.

- ❖ This movement received an award for best practices in controlling the disease that affects 2.6 million people in India every year.



India's First Carbon Neutral Farm



- ❖ A seed farm, located in Aluva of Kerala, declared as the first carbon neutral farm in the country.
- ❖ A significant reduction in carbon emission has helped the seed farm, achieve the carbon neutral status.

- ❖ The total amount of carbon emission from the farm, in the last one year was 43 tons but its overall procurement was 213 ton.

Largest Business Jet Terminal



- ❖ Kerala CM inaugurated the country's first chartered gateway, and a business jet terminal at the Cochin International Airport.
- ❖ With this, Cochin airport has become the fourth airport in the country to operate a private jet terminal.
- ❖ With two majestic domestic and international travel terminals, Cochin International Airport Limited (CIAL) is now home to the country's biggest Business Jet Terminal.

PERSONALITIES, AWARDS, AND EVENTS

National Energy Conservation Award



- ❖ The National Energy Conservation Awards - 2022 was organised by the Bureau of Energy Efficiency (BEE).
- ❖ BEE has developed a Mobile Application to facilitate in-vehicle navigation to the nearest public EV charger.
- ❖ Karnataka Renewable Energy Development Ltd (KREDL) is the winner of the first prize in the State Designated Agency (SDA Group-1) sector.

Safety Performer of the Year



- ❖ SpiceJet has been awarded the 'Safety Performer of the Year' award by GMR Delhi Airport Awards.
- ❖ This is awarded for being the top performer among the self-handling airlines and as it has been able to reduce ground safety violations significantly.
- ❖ SpiceJet airline was the only scheduled Indian airline part of the audit conducted by ICAO recently.
- ❖ The audit of SpiceJet safety systems "helped India achieve" its highest-ever safety ranking in ICAO audit

IMPORTANT DAYS

National Energy Conservation Day - December 14

- ❖ On this day in 2001, the Energy Conservation Act was executed by the Bureau of Energy Efficiency (BEE).
- ❖ It aims to spread awareness about the importance of energy and the need of conserving energy by using less energy.

- ❖ The Ministry of Power is celebrating Energy Conservation Week from 9th to 14th December 2022 under BEE mass drive.



Vijay Diwas - December 16



- ❖ On December 3, the Indo-Pakistan war began in 1971 and lasted for 13 days.
- ❖ On December 4, 1971, Operation Trident was launched by India.
- ❖ On December 6, India formally recognised Bangladesh as an independent nation.
- ❖ Officially, the war ended on December 16 and Pakistan surrendered to India.
- ❖ It was marking the end of the 1971 Indo-Pak War and the liberation of Bangladesh.



- ❖ Pakistan Eastern Command Commander Lt Gen AAK Niazi signed the instrument of surrender.

MISCELLANEOUS

Grammar's greatest puzzle



- ❖ Cambridge scholar Dr Rishi Rajpopat claims to have solved Sanskrit's biggest puzzle.
- ❖ It is a grammar problem found in the 'Ashtadhyayi'; an ancient text written by the scholar Panini towards the end of the 4th century BC.
- ❖ It may allow Panini's grammar to be taught to computers for the first time.
- ❖ The 'Ashtadhyayi' is a linguistics text that set the standard for how Sanskrit was meant to be written and spoken.

