

February - 12

TNPSC BITS

- ❖ The Ministry of AYUSH has formulated the Common Yoga Protocol training programme recently.
- ❖ The 1st meeting of the Joint Working Group between India and Kingdom of Bahrain in the field of Renewable Energy held virtually.

NATIONAL

MCA21 Version 3.0

- ❖ Ministry of Corporate Affairs will launch the data analytics-driven MCA21 Version 3.0 by October 2021.
- ❖ MCA21 Version 3.0 system is the Mission Mode e-Governance project of India.
- ❖ This project will comprise of the additional modules for e-Adjudication, e-Consultation, and Compliance Management.

Digital Governance

#AatmanirbharBharatKaBudget

- During FY 2021-22, Data Analytics, Artificial Intelligence, Machine Learning driven MCA21 Version 3.0 will be launched
- Version 3.0 will have additional modules for e-Scrutiny, e-Adjudication, e-Consultation and Compliance Management

Source: Budget Document 2021



26 more Green Zone sites

- ❖ The Central government has recently given the approval for 26 more green zone site for drones.
- ❖ The approval was given in the light of facilitating the operations by No-Permission-No-Take-off (NPNT) compliant drones.
- ❖ The approval was given by the Ministry of Home Affairs and Ministry of Defence.
- ❖ The ministry has also given its nod for six green zone sites earlier.

- ❖ These approved sites will be enabled on the Digital Sky Platform now.
- ❖ After that, all Unique Identification Number holders would be given instant flight permissions online.

New Green Zone sites

- Uttar Pradesh has the maximum number of 8
- 6 sites were approved in Jharkhand
- 4 in Chhattisgarh
- 2 in Telangana
- One in each of Tamil Nadu, Andhra Pradesh, Meghalaya, Gujarat; Odisha and Mizoram.

INTERNATIONAL

World's First 'Energy Island.'

- ❖ Denmark has approved a project to build the world's first energy island, in the North Sea.
- ❖ It will produce and store enough green energy to meet the electricity needs of three million households in the European countries.
- ❖ The hub will strengthen the integration of Europe's power grids.
- ❖ Also, it will increase the renewable electricity production.
- ❖ It is necessary for a climate-neutral Europe.





ECONOMY

Committee on Urban Co-operative Banks

- ❖ RBI has decided to set up an expert committee on Urban Co-operative Banks (UCBs).
- ❖ The committee would involve all the stakeholders so as to provide a medium-term road map.
- ❖ The medium-term roadmap in turn will help to strengthen the sector.
- ❖ It will also enable the faster rehabilitation of UCBs.
- ❖ The committee will also examine other critical aspects related to these entities.
- ❖ The committee is being set in accordance with the provisions of the Banking Regulation (Amendment) Act, 2020.

SCIENCE AND TECHNOLOGY

Mars ice mapping mission- NASA

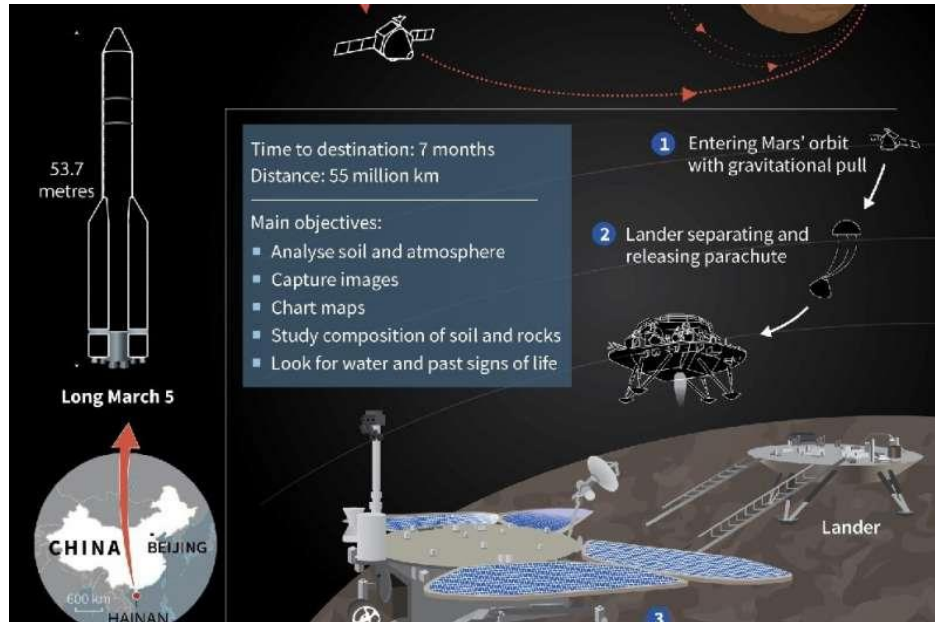
- ❖ NASA is planning to launch a robotic Mars ice mapping mission in collaboration with three international partners.
- ❖ The other 3 partners are:
 - Canadian Space Agency (CSA),
 - Japan Aerospace Exploration Agency (JAXA) and
 - the Italian Space Agency (ASI)
- ❖ The mission could help identify potential science objectives for initial human missions to Mars.

Missile Ghaznavi

- ❖ Pakistan successfully test-fired its nuclear-capable surface-to-surface ballistic missile called Ghaznavi.
- ❖ It is a surface-to-surface short range ballistic missile.
- ❖ The ballistic missile has a striking capability of up to 290 kilometres.
- ❖ It has also test-fired the nuclear-capable surface-to-surface ballistic missile Shaheen-III in January.
- ❖ This missile has the range of up to 2,750 kilometres.

First image of Red Planet

- ❖ China's Tianwen-1 space probe has sent back its first image of Mars.
- ❖ The image was released by the China National Space Administration (CNSA).
- ❖ The shows geological features of Mars including the Schiaparelli crater and the Valles Marineris, a vast stretch of canyons on the Martian surface.
- ❖ The spacecraft was launched in July 2020.
- ❖ The photo was taken about 2.2 million kilometres from Mars.



ENVIRONMENT

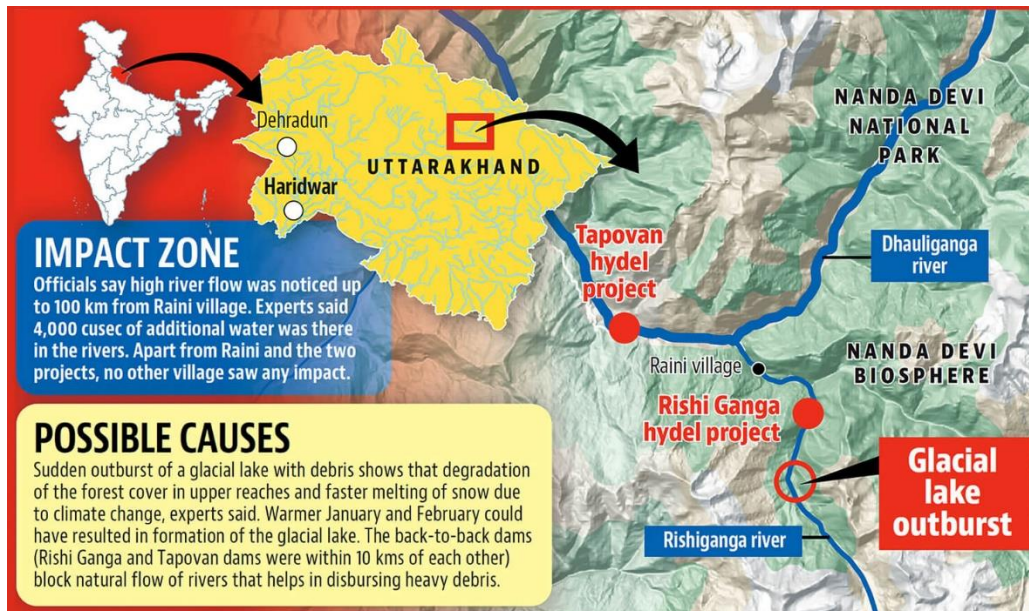
Thunderstorm Research Testbed of India

- ❖ India's first thunderstorm research testbed will be established in Balasore, Odisha.
- ❖ It is being established with the objective to minimize the human fatalities and loss of property caused by the lightning strikes.
- ❖ It will be established in a collaboration among the
 - Defence Research and Development Organisation (DRDO),
 - Ministry of Earth Sciences,
 - Indian Space Research Organisation (ISRO) and
 - India Meteorological Department (IMD).
- ❖ The Monsoon Testbed will also be set up near Bhopal in Madhya Pradesh.

- ❖ The monsoon testbed would also be first-of-its-kind.

Glacial Breach Triggered Floods

- ❖ An avalanche and flash floods are triggered in Alaknanda river in Chamoli district of Uttarakhand.
- ❖ It occurred after a glacial breach.
- ❖ This avalanche was caused probably due to glacial breach.
- ❖ The glacial breach also breached a lake in the Raini village in Chamoli district.
- ❖ The raini village is situated on the boundary of Nanda Devi biosphere reserve.
- ❖ Snow and Avalanche Study Establishment (SASE) is investigating the matter.
- ❖ It works under the Defence Research and Development Organisation.
- ❖ The breach has resulted into increase in water levels in the Dhauliganga river and the Rishi ganga,
- ❖ The avalanche has destroyed the Rishi Ganga hydel plant on the Rishiganga river.



India's first Geothermal Power Project

- ❖ The first geothermal power project of India will be established at Puga village of eastern Ladakh.
- ❖ Puga village was identified as the hotspot of geothermal energy by the scientists.



- ❖ This geothermal project is known as Geothermal Field Development Project.

Public Platform to track Polluters

- ❖ The Environment Ministry of China recently announced to set up a new Public Information Platform.
- ❖ It will allow the public to track emissions from the polluting enterprises.
- ❖ This Platform will help the authorities to prosecute the public who will break the rules.
- ❖ It will also prosecute the public in case they try to evade supervision.

STATES

Implementation of e-cabinet

- ❖ Himachal Pradesh has become first State in the country to make the end-to-end processing of the cabinet paperless.
- ❖ It was done by implementing e-cabinet application.
- ❖ It deals issues like receipt of cabinet memo, finalization of cabinet meeting, advice received on cabinet memo for various level like Secretaries and Ministers.

