

July - 24

TNPSC BITS

- ❖ The centre of excellence on “Classical and Quantum Communications for 6G” was inaugurated at IIT-Madras Research Park, Chennai.
- ❖ The Sixth East Asia Summit (EAS) Conference on Maritime Security Cooperation was held in Mumbai.
- ❖ The tiger claw, that Maratha emperor Chhatrapati Shivaji is believed to have used to kill General Afzal Khan, is back in Maharashtra after 350 years from London.
- ❖ India's first overseas Jan Aushadhi Kendra was inaugurated in Mauritius.
- ❖ The Comptroller and Auditor General (CAG) of India has inaugurated the International Centre for Audit of Local Governance (iCAL) in Rajkot, Gujarat.
 - It is the first of its kind in India and aims to set global standards for auditing local governance bodies.

TAMIL NADU

TN-RISE initiative 2024



- ❖ Around 130 enterprises will get mentored under the Tamil Nadu Rural Incubator and Start-up Enabler (TN-RISE) initiative.
- ❖ It is including start-ups from across Tamil Nadu, which are led by women entrepreneurs.
- ❖ From January to June, we have conducted 31 district boot camps which attracted approximately 2,500 enterprises.

- ❖ TN-RISE operates as a Special Purpose Vehicle under the Tamil Nadu Rural Transformation Project (TNRTP).
- ❖ TN-RISE will Enable:
 - Rural women entrepreneurs to have access to the government and its schemes;
 - Access to entrepreneurial and corporate community; access to support community; and
 - Access to be a part of the entrepreneurial ecosystem of the State.

First complete Ram Setu Map



- ❖ ISRO scientists have collaborated with NASA's ICESat-2 satellite to successfully map out a comprehensive map of submerged Ram Setu also called Adam's Bridge.
- ❖ The entire bridge can be seen through a 10-meter resolution map.
- ❖ The data has been collected over the due course of 6 years between October 2018 to October 2023.
- ❖ This is a first of its kind undersea map, which is 29 meters long and is 8 meters above the seabed.
- ❖ This ancient bridge connects Dhanushkodi in India to Talaimannar Island in Sri Lanka.
- ❖ According to the temple records in Rameswaram, the bridge was above sea level until 1480 when it was destroyed by a storm.

INTERNATIONAL

Project 2025

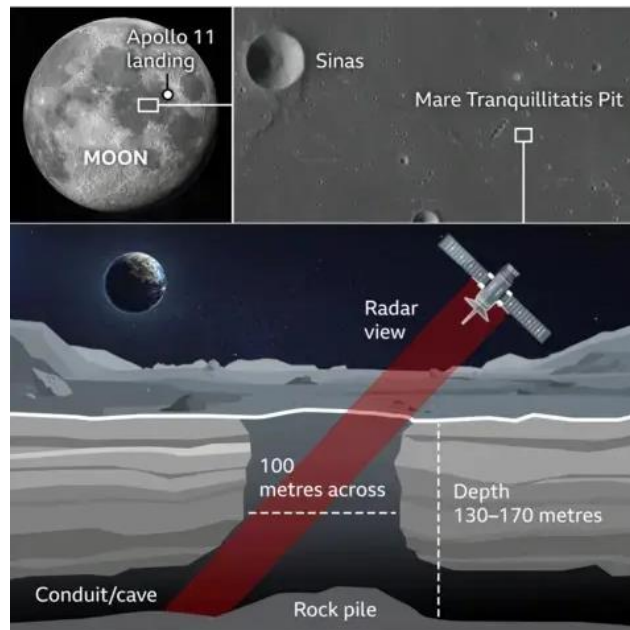
- ❖ Project 2025 is termed as a 'Presidential Transition project' which talks of how to reshape USA.

- ❖ This is the governing policy with a conservative agenda, personnel, training and a roadmap for the first 180 days of the presidency.
- ❖ It has the detailed plans for various government departments like Defence, Education, Commerce, Trade, Justice, Homeland Security, Health, Energy, Environment and the bureaucracy,



SCIENCE AND TECHNOLOGY

Cave on the Moon

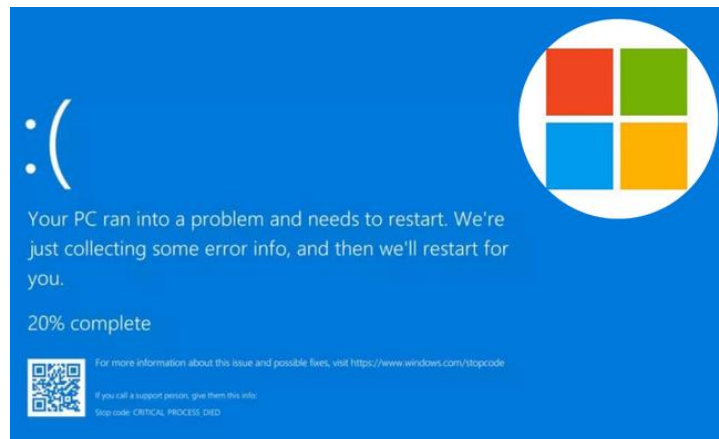


- ❖ Scientists have recently confirmed the discovery of a significant cave on the Moon.
- ❖ This cave, located in the Sea of Tranquility, is approximately 250 miles (400 kilometres) from the historic Apollo 11 landing site in 1969.

- ❖ The cave, estimated to be around 100 metres long, features a skylight opening towards the moon's surface, suggesting possible further underground extensions.
- ❖ Despite its depth, the cave's scale makes it visible from Earth without specialised equipment.
- ❖ The Moon is exposed to solar radiation 150 times stronger than Earth.
- ❖ NASA stating that the lunar surface heats to about 127 degrees Celsius during the day, and cools to around -173 degrees Celsius at night.
- ❖ But the cave harbour stable average temperatures of around 17 degrees Celsius.

Blue Screen of Death

- ❖ A major tech issue has affected millions of Windows computer systems worldwide, causing a sudden shutdown or restart.
- ❖ It was a software error from a company called CrowdStrike.
- ❖ Services, including critical providers like police, airlines and government, across the world have been affected.
- ❖ Blue Screen errors, also known as black screen errors or STOP code errors, can occur when a critical issue forces Windows to unexpectedly shut down or restart.



STATES

Shadow Cabinet in Odisha

- ❖ Naveen Patnaik has drawn up a 50-member shadow cabinet to scrutinise and take on the ruling BJP and its Chief Minister Mohan Majhi.
- ❖ The members of the shadow cabinet are mostly the former ministers of his government.

- ❖ They are expected to keep tabs on each minister and his department and prepare alternative plans and policies in areas the government could slip up.
- ❖ The Opposition party is the custodian of people's interests.
- ❖ The Opposition party has a significant role to play in the state Assembly.
- ❖ The MLAs will keep close watch on the activities of departments assigned to them and actively take part during discussion of those departments in the state Assembly.



Telangana Crop Loan Waiver Scheme 2024

RELIEF FOR TELANGANA RYOTS	
<p>➤ In first phase, state govt to waive crop loans of up to ₹ one lakh from Thursday</p>	<p>➤ The scheme needs would need ₹31k cr and would be completed by the end of August</p>
<p>➤ On Thursday, ₹7,000 cr in total would be credited to the accounts of farmers and crop loans of up to ₹1.5 lakh would be waived by the end of July</p>	<p>➤ CM Revanth says Telangana should be an example for the country in regard to farmers' welfare</p>
	<p>➤ Cong govt's aim is to make every farmer debt-free in the state, says CM</p>



- ❖ The Telangana government has launched the first phase of the farm loan waiver scheme.



- ❖ Rs 6,098 crore being credited into the accounts of over 11 lakh farmers, whose loans up to Rs 1 lakh would be waived off.
- ❖ This marks the largest loan recovery in the country.
- ❖ The rollout of the loan waiver scheme would be completed in two other phases.
- ❖ A total of Rs 31,000 crore worth of farm loan waiver will benefit close to 50 lakh farmers in Telangana.
- ❖ In August, the state government will release funds into the accounts of farmers who have loans up to Rs 2 lakh.

PERSONALITIES, AWARDS, AND EVENTS

UPSC chairman resignation – Manoj Soni

PROVISION	
Article 315	PSCs for the Union and for the States.
Article 316	Appointment and term of office of members.
Article 317	Removal/Suspension of a member of a Public Service Commission.
Article 318	Powers to make regulations regarding conditions of service of members and staff of Commissions.
Article 319	Prohibition on holding of offices by members on end of tenure.
Article 320	Functions of PSCs.
Article 321	Power to extend functions of PSCs.
Article 322	Expenses of PSCs.
Article 323	Reports of PSCs.

- ❖ The Union Public Service Commission (UPSC) Chairperson Dr Manoj Soni has resigned from the top post.
- ❖ His term was to end on May 15, 2029.
- ❖ He took over as a member of the Commission on June 28, 2017 and took oath as chairperson on May 16, 2023.
- ❖ In 2005, Soni was the youngest ever Vice-Chancellor in India.
- ❖ UPSC is an independent constitutional body.
- ❖ The powers and functions of UPSC are provided in Part XIV of the Indian Constitution under Article 315 to Article 323.
- ❖ Any member of the UPSC shall hold office for a term of six years or till the age of 65 years, whichever is earlier.
- ❖ Members of a Commission is ineligible for reappointment to that office except as its chairperson.

- ❖ A member of the UPSC may resign from his/her office by submitting the written resignation to the President of India.

IMPORTANT DAYS

International Moon Day 2024 - July 20

- ❖ This day marks the anniversary of the first human landing on the lunar surface in 1969.
- ❖ This was accomplished by the Apollo 11 mission, during which Neil Armstrong and Edwin 'Buzz' Aldrin set foot on the Moon's surface.
- ❖ This day was declared on 9 December 2021 by the United Nations General Assembly.



International Chess Day 2024 - July 20

- ❖ This day is serving as a tribute to the game's long and fascinating history and its lasting impact on cultures worldwide.
- ❖ This date coincides with the founding of the International Chess Federation (FIDE) in 1924.
- ❖ FIDE's establishment marked a turning point in competitive chess.

- ❖ It standardized rules, organized international tournaments, and fostered the game's growth.

