

August - 23

TNPSC BITS

- ❖ Dr V Thiruvengadam, famous as the 'Rs 5 doctor' in Chennai's Vyasarpadi, died recently.
- ❖ Tamil Nadu stands first in organ donation for the fifth consecutive year and has received the Central government's award.
 - So far 8,163 organs have been received from 1,382 donors.
- ❖ Indian classical vocalist Pandit Jasraj passed away recently.
 - He was awarded with honours such as Padma Shri, Padma Bhushan and Padma Vibhushan.
- ❖ The Ministry of AYUSH has launched a three-month campaign on "Ayush for Immunity" to increase awareness about affordable and easy practices to boost immunity.
- ❖ Singer Shahzan Mujeeb became First Ever National Brand Ambassador of Aligarh Municipal Corporation for Swachh Bharat Abhiyan Campaign at National and International level.
- ❖ National Stock Exchange of India Investor Protection Fund Trust and Indian Institute of Management Bangalore have jointly developed and launched an online investor education resource centre named "Platform for Investor Education".

NATIONAL

E-pathshala - a Web Platform

- ❖ The All India Football Federation and the Sports Authority of India, jointly launched the E-Pathshala platform.
- ❖ It is a web platform to recognise creativity of the children and to develop their interest in football.
- ❖ The platform develops the children's interest through cognitive approaches like painting, skills, building blocks and others.

Biodegradable Face Mask and Body Suit

- ❖ Pune based Defence Institute of Advanced Technology, developed an Ayurvedic based Biodegradable Nanofibres Face Mask "Pavitrapati".

- ❖ Pavitrapati acts a virus neutralizer to resist against the bacteria / virus.
- ❖ And it also developed anti-microbial body suit in the name of “Aushada tara”.

Naval Innovation and Indigenization Organization

- ❖ The Naval Innovation and Indigenisation Organisation (NIIO) has been launched by the Defence Minister of India.
- ❖ It aims to foster innovation and indigenisation for self-reliance in defence in keeping with the vision of Atma nirbhar Bharat.
- ❖ The NIIO is a three-tiered organisation
 - Naval Technology Acceleration Council (N-TAC)
 - Working group under the N-TAC will implement the projects
 - Technology Development Acceleration Cell (TDAC) has been created for induction of emerging disruptive technology in an accelerated time frame.

INTERNATIONAL

Nirmanshree project

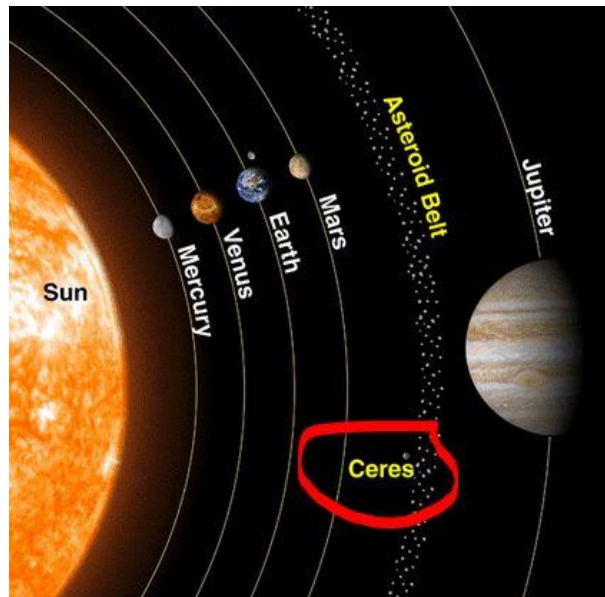
- ❖ European Union has launched project 'Nirmanshree' for enhancing the women skill towards housing construction sector.
- ❖ This is the first-of-its-kind sustainable housing on a large scale in India.
- ❖ The project will be implemented in Beed and Osmanabad districts of Maharashtra and the Dhenkanal and Jajpur districts of Odisha.



SCIENCE AND TECHNOLOGY

Ceres: An Ocean World

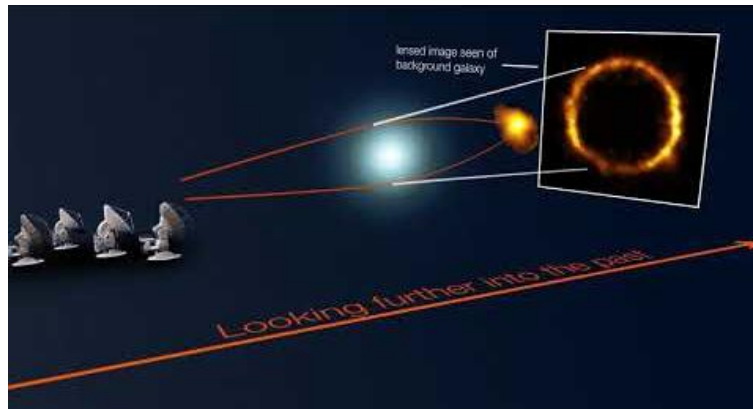
- ❖ Scientists have announced that Ceres, the largest object in the asteroid belt between Jupiter and Mars is an ‘Ocean World’ which has a big reservoir of salty water under its frigid surface.
- ❖ Other Solar system bodies beyond Earth where subsurface oceans have been known or have appeared to exist include
 - Saturn’s moon Enceladus,
 - Jupiter’s moon Europa,
 - Dwarf planet Pluto and
 - Neptune’s moon Triton.



SPT0418-47 galaxy

- ❖ The Astronomers at the Max Planck Institute of Astrophysics found a baby galaxy called “SPT0418-47”.
- ❖ It is look-alike of the Milky galaxy at 12 billion light-years away.
- ❖ It does not have any spiral arms like the Milky Way but has a rotating disc and a bulge which are similar to the Milky Way.

- ❖ The team utilised gravitational lensing concept using the Atacama Large Millimetre/sub-millimetre Array (ALMA) Telescope.



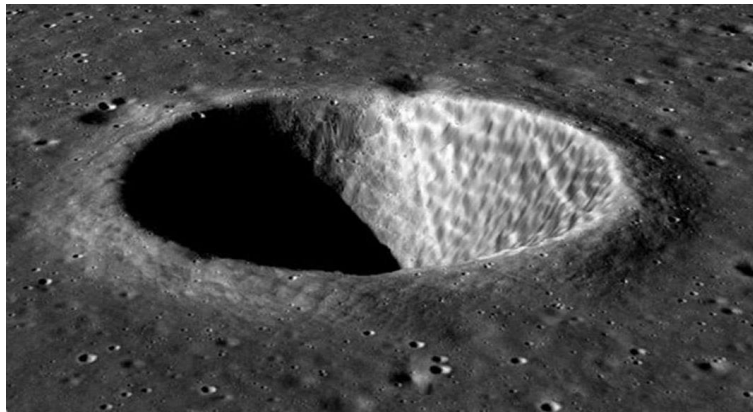
Process to make bricks on lunar surface

- ❖ Team of researchers of Indian Institute of Science Bengaluru, and ISRO developed a sustainable process for making brick-like structures named “Space Bricks” on the surface of the moon.
- ❖ The process uses the lunar soil, bacteria and guar beans to make the space brick.
- ❖ The process uses the Urea – sourced from human urine and lunar soil as the raw materials for the construction on the lunar surface which reduces the overall expenditure.



Sarabhai Crater

- ❖ ISRO announced that Chandrayaan-2 has captured images of Crater of the Moon by Terrain Mapping Camera – 2 and named one of the craters as ‘Sarabhai Crater’.
- ❖ Dr Vikram Ambalal Sarabhai is regarded as the Father of Indian Space program.
- ❖ Vikram Ambalal Sarabhai’s 100th birth century was observed on 12th of August, 2020.



STATES

‘Padhai Tuhar Para’ scheme

- ❖ Chhattisgarh CM Bhupesh Baghel launched the ‘Padhai Tuhar Para’ scheme.
- ❖ It aims to enable school students to learn from their respective localities as the classes are being suspended due to the outbreak of the coronavirus.
- ❖ He informed that the following schemes also will be introduced and committees will be set up for new appointments and promotions in the state.
 - Bluetooth-based programme ‘Bultu Ke Bol’,
 - ‘Mukhyamantri Slum Swasthya Yojana’,
 - ‘Radhabai Diagnostic Centre Scheme.

Yellow Chain e-commerce platform

- ❖ Nagaland Chief Minister Neiphiu Rio, launched ‘Yellow Chain’ an e-commerce platform.
- ❖ It aims to promote local business & entrepreneurship.
- ❖ It has also released an app for mobile services in the same name.



- ❖ Using the platform any seller/service provider/Individual/Group can register and upload their products, skills or services to enable the customer to purchase it.

Restart Meghalaya Mission

- ❖ CM of Meghalaya launched the restart Meghalaya Mission to revive the development activities which were stalled due to the COVID-19 pandemic.
- ❖ This mission was based on the recommendations on the short, medium- and long-term measures to revive the state's economy.

