

February - 29

TNPSC BITS

- ❖ The country's first 'Gati Shakti Research Chair' will be established at the Indian Institute of Management (IIM), Shillong, Meghalaya.
- ❖ MS Dhoni was selected as the leader of IPL's all-time greatest team which was picked to celebrate the success of the world's most-popular T20 league which was launched in 2008.
- ❖ Japan and the US are planning to launch the world's first wooden satellite, the LignoSat probe, into space this summer.

TAMIL NADU

Kalaignar's memorial



- ❖ Tamil Nadu Chief Minister inaugurated the new memorial of former state chief minister late M Karunanidhi at Marina Beach in Chennai.
- ❖ It has several attractive features, including an underground state-of-the-art digital museum.
- ❖ The museum, christened 'Kalaignar Ulagam', showcases the life and achievements of the Dravidian icon.
- ❖ Karunanidhi, who has been the chief minister of Tamil Nadu on five occasions, died on August 7, 2018.

TN Great Backyard Bird Count 2024

- ❖ Over 350 species of birds having been recorded from Tamil Nadu during the Great Backyard Bird Count (GBBC) India 2024.

- ❖ 355 bird species were observed from 37 districts across the State.
- ❖ Coimbatore had recorded the highest number of species (268) followed by Salem (203), Chengalpattu (172), and Erode (147).
- ❖ Tamil Nadu stood 7th among 37 states in India with 348 species and 3,804 checklists.



National Centre for Ageing

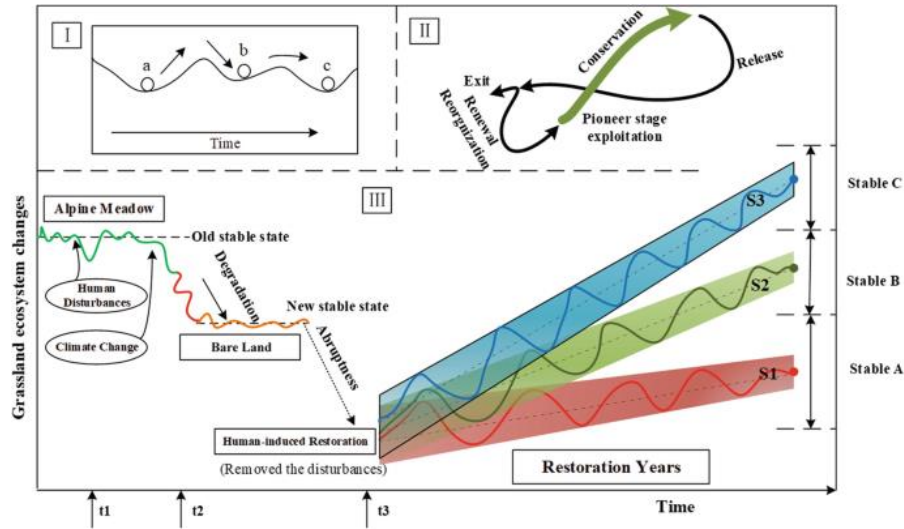
- ❖ India's first National Centre of Ageing commissioned at Guindy in Chennai.
- ❖ Ayush and Siddha medicines are also set up at the Centre.
- ❖ It also has orthopaedic care, ENT, geriatric care and rehabilitation rooms, including separate rooms for all the patients above 60 years.



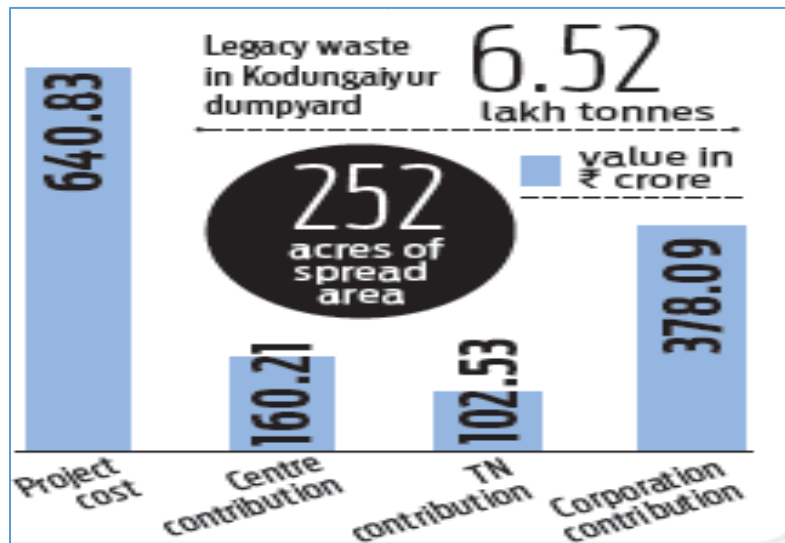
Model plot for TN grassland restoration project

- ❖ The Tamil Nadu Forest Department in collaboration with the Forest College and Research Institute (FCRI), Mettupalayam, has launched works for setting up a model grass restoration plot in Sirumugai forest range in Coimbatore district.

- ❖ The FCRI team has identified one hectare land in Pethikuttai reserve forest a dry-deciduous forest area of Sirumugai range for this purpose.
- ❖ It will be converted into the model grass restoration plot.
- ❖ It will serve as the model plot for the Tamil Nadu Biodiversity Conservation and Greening Project for Climate Change Response (TBGPCCR) for its Meipulam project.



Kodungaiyur biomining project



- ❖ Greater Chennai Corporation has awarded tenders to three firms to biomine the 50-year-old Kodungaiyur dump yard.
- ❖ The state and union governments will contribute 41% of the project cost, the corporation will bear the remaining expenses.

- ❖ Currently, 100% segregation is aimed at for 2030 and that's far away.
- ❖ Bio-mining is a technically assisted and economically managed extraction of recyclables and other revenue-generating fractions from waste materials.

NATIONAL

Selina John's case

- ❖ The Supreme Court had observed that the rules which penalise women employees for getting married are unconstitutional.
- ❖ It also directed the Union Government to pay Ms. John ₹60 lakh in compensation within eight weeks.
- ❖ A permanent commissioned officer former Lt Selina John of military nursing service (MNS) was removed from service by the army in August 1988.
- ❖ The release order said her job was terminated on the grounds that she got married in April that year and she had obtained a low grade in the annual confidential report (ACR).
- ❖ The rule included in the 1977 army provided that "Termination of appointment in MNS" could be done on three grounds – on the opinion of the medical board to be unfit for service, on getting married, and for misconduct.



Rashtriya Udyamita Vikas Pariyojana

- ❖ It is specially designed for the beneficiaries of PM SVANidhi Yojana.
- ❖ This unique National Entrepreneurship Development Project underlines the government's firm commitment to promote employers across the country.

- ❖ It aims to equip individuals with comprehensive entrepreneurship training, creating job providers rather than job seekers.
- ❖ Under the pilot program, street vendors of 10 big cities of the country will be given a stipend along with training to expand their businesses.



INTERNATIONAL

ILO Convention to End Workplace Violence and Harassment



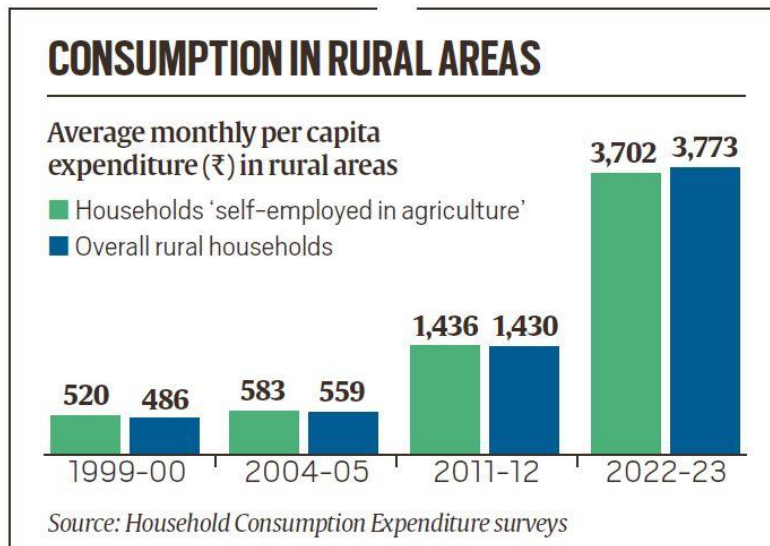
- ❖ Philippines becomes first Asian Country to ratify the ILO Convention to End Workplace Violence and Harassment.
- ❖ This ratification of Convention No. 190 marks an important step to preventing and eliminating violence and harassment in the world of work.

- ❖ With this ratification, the Philippines joins 37 other nations in standing against workplace violence and harassment.

ECONOMY

Household Consumption Expenditure Survey

- ❖ The National Sample Survey Office (NSSO) under the Ministry of Statistics and Programme Implementation conducted Household Consumption Expenditure Survey (HCES).
- ❖ The per capita monthly household expenditure was more than doubled in 2022-23 as compared to 2011-12.
- ❖ The average MPCE at current prices (without imputation) was more than doubled to ₹6,459 in urban areas in 2022-23 from ₹2,630 in 2011-12.
- ❖ Similarly in rural areas, it jumped to ₹3,773 from ₹1,430 at current prices.
- ❖ The average MPCE at 2011-12 prices (without imputation) also increased to ₹3,510 in 2022-23 from ₹2,630 in 2011-12 in urban areas.
- ❖ Similarly, it rose to ₹2,008 from ₹1,430 in rural areas at 2011-12 prices.

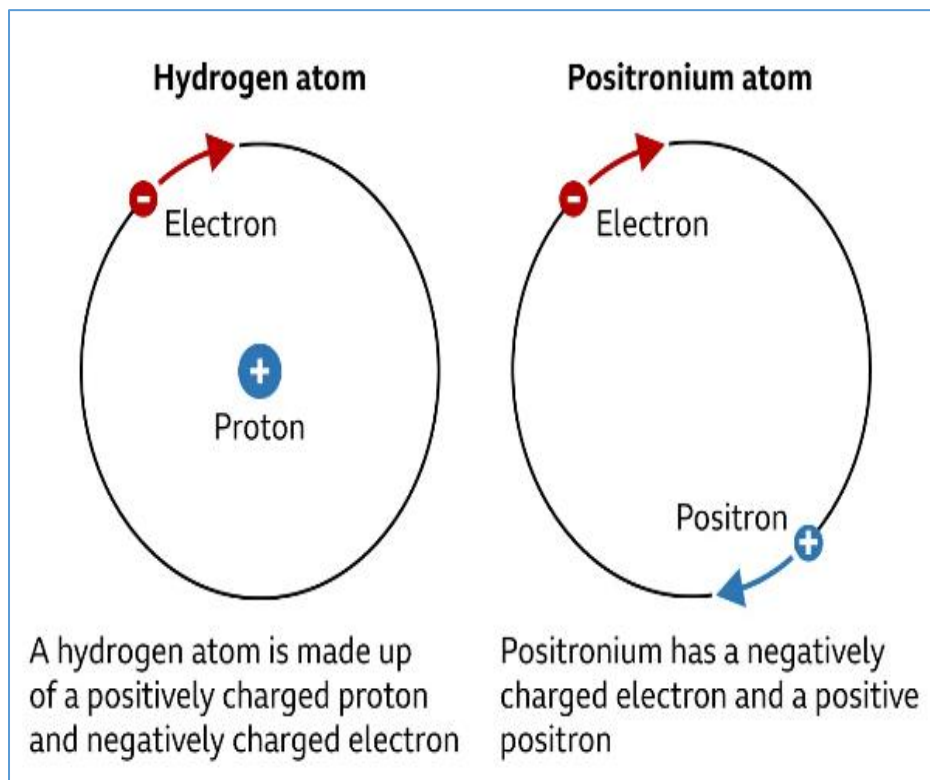


SCIENCE AND TECHNOLOGY

Laser cooling of Positronium

- ❖ In a first, an international team of physicist's collaboration has achieved a breakthrough by demonstrating the laser cooling of Positronium.

- ❖ This development will allow high-precision measurements of the properties and gravitational behaviour of this exotic but simple matter–antimatter system
- ❖ Positronium, comprising a bound electron (e^-) and positron (e^+), is a fundamental atomic system.
- ❖ Due to its very short life, it annihilates with a half-life of 142 nano-seconds.
- ❖ Its mass is twice the electron mass and enjoys the unique distinction of being a pure leptonic atom.
- ❖ This hydrogen-like system, with halved frequencies for excitation, makes it a great contender for attempting laser cooling.
- ❖ The experiment was performed at the European Organization for Nuclear Research, more popularly known as CERN, in Geneva.



PERSONALITIES, AWARDS, AND EVENTS

Financial Literacy Week 2024

- ❖ RBI has been observing this event during February 26 – March 01, 2024.
- ❖ It aims to propagate financial education messages to public at large to empower them to engage in responsible financial behaviour and take informed financial decisions.

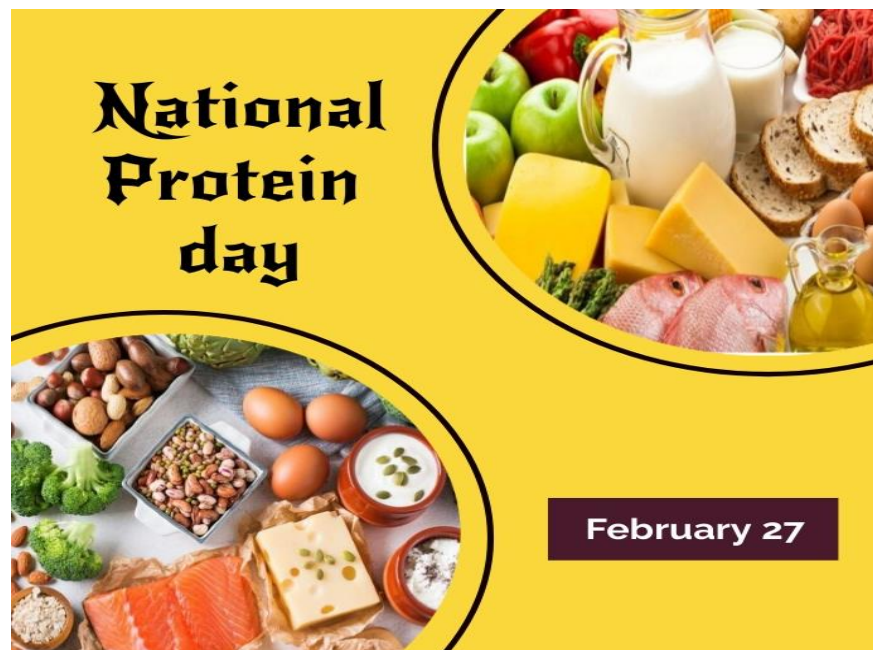


- ❖ The theme for this year is "Make a Right Start: Become Financially Smart".



IMPORTANT DAYS

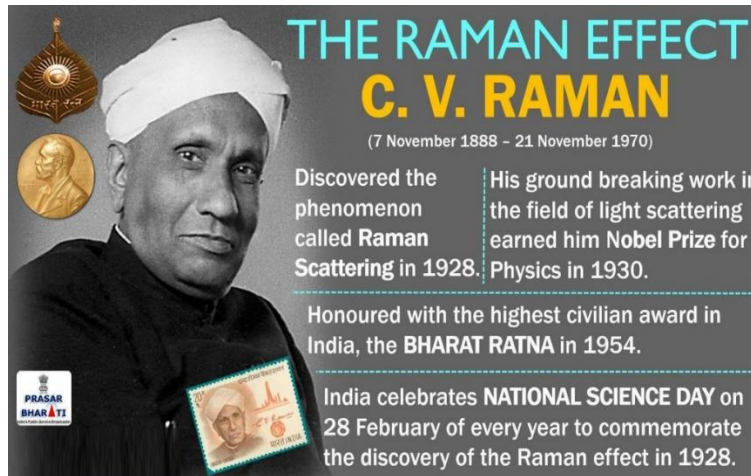
World Protein Day – February 27



- ❖ It was established in 2020.
- ❖ 2024 is the 5th National Protein Day in India.
- ❖ The theme for 2024 is "Solve with Protein".
- ❖ Protein is the main building block of the human body.

- ❖ For most people, a daily dose of around 0.8-1g of protein per 1kg of body weight is recommended.

National Science Day 2024 - February 28



- ❖ This day honours the discovery of a phenomenon of the scattering of photons by Indian scientist Chandrasekhara Venkata Raman in 1928.
- ❖ The discovery was later named as 'Raman Effect' after his name.
- ❖ Mr Raman was awarded the Nobel Prize for science in 1930 for the remarkable discovery.
- ❖ The first National Science Day was celebrated on February 28, 1987.
- ❖ The theme for this year is 'Indigenous Technologies for Viksit Bharat'.

Rare Disease Day 2024 - February 29



- ❖ This day is observed every year on 28 February (or 29 in leap years) —the rarest day of the year.
- ❖ The basis of a rare disease can be identified with its epidemiology.



- ❖ The frequency of any rare disease should be less than 6.5-10 per 10,000 people.
- ❖ 72% of the diseases are genetic and almost 1 out of 5 cancers is rare.
- ❖ Organization for Rare Diseases India (ORDI) has listed 263 rare diseases in India.

