

September - 07

TNPSC BITS

- ❖ Tamil Nadu Chief Minister unveiled a statue of P. Subbarayan, former Chief Minister of then Madras Presidency between 1926 and 1930 during the colonial rule at Chennai.
- ❖ American manufacturer of optical materials and semiconductors, Coherent Corp, has entered into a tripartite MoU with Guidance Tamil Nadu and IIT Madras's Research Park (IITMRP), to establish a first-of-its-kind global Centre of Excellence (CoE).
- ❖ Divya Deshmukh won in the women's category of the rapid section at the Tata Steel Chess India tournament held at Kolkata.
- ❖ NASSCOM has announced the appointment of Rajesh Nambiar, Chairman and Managing Director, Cognizant India, as its new Chairperson.
- ❖ Danielle McGahey will become the first transgender cricketer to play an official international match when she represents Canada in the ICC Women's T20 World Cup 2024 Americas qualifier.

TAMIL NADU

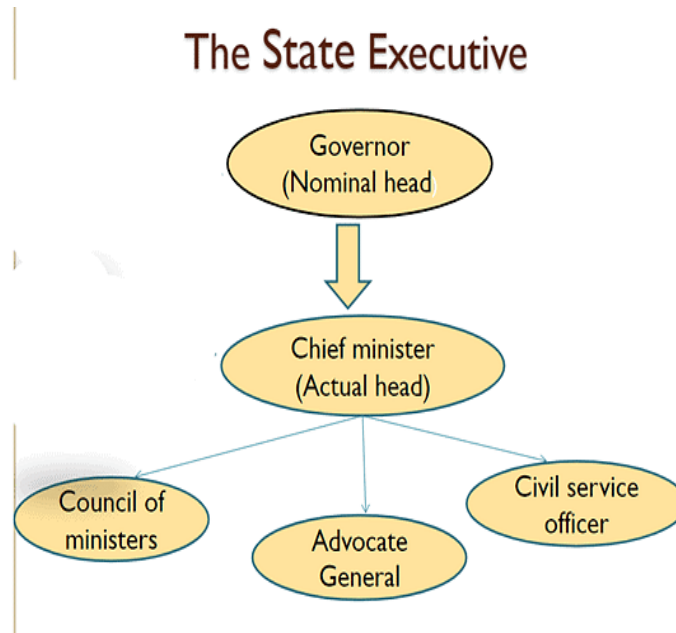
Kalaignar Semmozhi award



- ❖ Tamil Nadu Chief Minister handed over the Kalaignar M. Karunanidhi Semmozhi Tamil Award to Tamil scholar K. Ramasamy.
- ❖ He is the former Deputy Director of Central Institute of Indian Languages.

- ❖ The award, given for the best contribution to classical Tamil studies by a researcher or a research institution in specified areas leading to the creation of new knowledge in Ancient Tamil Culture and Civilization

Minister without portfolio



- ❖ A Minister without portfolio is a constitutional travesty, the Madras High Court observed recently.
- ❖ The Chief Minister is an executive head.
- ❖ It is the responsibility of an executive head to assign ministerial responsibilities to an elected representative.
- ❖ However, if he feels that a particular elected representative cannot be assigned the responsibility of a Minister, there cannot be moral or constitutional basis to retain such a Member of the Legislative Assembly as a Minister without portfolio.
- ❖ It would be opposed to the ethos, good governance and constitutional morality or integrity.

NATIONAL

Maritime Infrastructure Perspective Plan

- ❖ The Maritime Infrastructure Perspective Plan (MIPP) 2023-37 was released recently.

- ❖ This MIPP aims to synchronise and enmesh the infrastructure requirements of the Navy, over the next 15 years.
- ❖ The plan adheres to the broader policy directives of the PM Gati Shakti Project, Disaster Resilience, and Transition to Net Zero, among others.



Stem cell therapy

| A NEURO-DEVELOPMENTAL CONDITION | |
|--|---|
| <p>➤ Autism is a neuro-developmental condition affecting social, communication skills and behaviour</p> | |
| <p>Prevalence 1-2% of population</p> | |
| <p>Controversy Treatment includes counselling, occupational & speech therapy and physiotherapy, but now some doctors offer stem cells (master cells that can give rise to other cell types with specialised func-</p> | |
| <p>Cost ₹2L+ per stem cell injection/infusion</p> | <p>tions) to 'cure' autism</p> <p>➤ Indian Council of Medical Research holds stem cell therapy as unethical</p> |

- ❖ The Delhi High Court permitted two children with autism spectrum disorder (ASD) to undergo stem cell therapy for treatment of their condition.
- ❖ The case challenging a recommendation of the Ethics and Medical Registration Board (EMRB) of the National Medical Commission (NMC).
- ❖ They recommended against the use of stem cell treatment for ASD.



- ❖ Stem cells are cells from which all other cells, with their respective specialised functions, are generated.
- ❖ The regenerative properties of stem cells make them extremely valuable in medicine.
- ❖ This is why stem cell treatments are also termed as regenerative medicine.
- ❖ Autism spectrum disorder is a neurological and developmental disorder that affects how people interact with others, communicate, learn, and behave.

INTERNATIONAL

WHO Gujarat declaration

- ❖ India hosted the WHO Global Traditional Medicine Centre in Jamnagar, Gujarat.
- ❖ The World Health Organization has released the outcome document of first WHO Traditional Medicine Global Summit 2023 in form of “Gujarat Declaration”.
- ❖ It reaffirmed global commitments towards indigenous knowledges, biodiversity and traditional, complementary and integrative medicine.

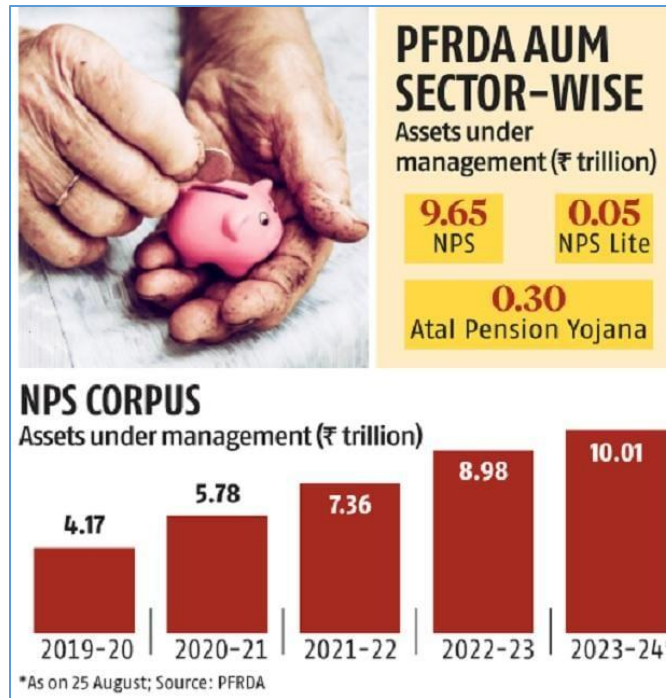


ECONOMY

Asset Under Management of NPS And APY

- ❖ Assets under management of the National Pension System (NPS) and the Atal Pension Yojana (APY) have crossed the milestone of Rs 10 lakh crore.

- ❖ In total, the number of subscribers has reached 66.2 million (6.62 crore).
- ❖ The total funds from the National Pension System (NPS) Private, Atal Pension Yojana (APY), and National Pension System (NPS) Lite stand at Rs 47,663 crore, Rs 30,051 crore and Rs 5,157 crore respectively.
- ❖ The National Pension System was introduced for all central government employees, except those in the armed forces who joined on or after January 1, 2004.
- ❖ There are many states and union territories that have adopted the NPS.
- ❖ As of May 1, 2009, NPS has been made accessible to all Indian citizens voluntarily.
- ❖ On June 1, 2015, the Atal Pension Yojana was launched.
- ❖ It has significantly boosted the reach and effectiveness of social security schemes.
- ❖ Currently, it is open only to non-taxpayers.

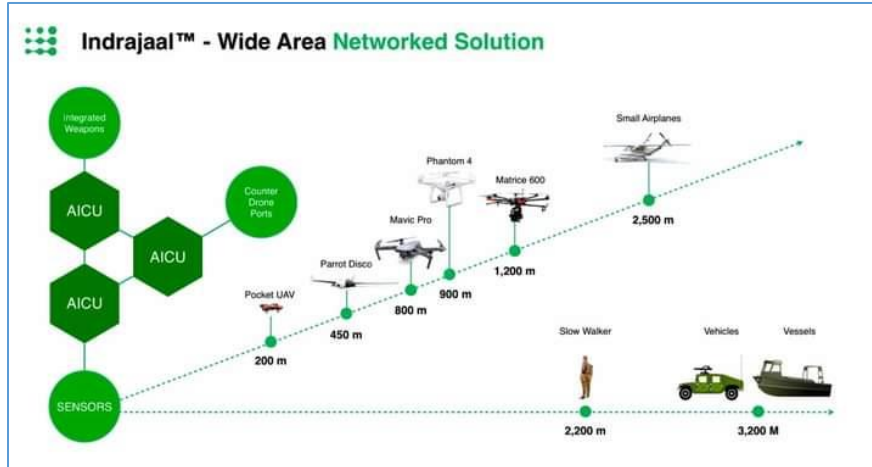


SCIENCE AND TECHNOLOGY

AI-Powered Anti-Drone System

- ❖ A Hyderabad-based robotics firm has unveiled a state-of-the-art autonomous anti-drone system, powered by artificial intelligence.
- ❖ It is named Indrajaaal, and it is said to be the world's only wide-area Counter-Unmanned Aircraft System (C-UAS).

- ❖ The system can protect vital installations like nuclear installations and oil rigs.
- ❖ It also covers a wide area encompassing even an entire city, from multiple drones of any kind.
- ❖ This is the first time such a system has been developed in India.



ENVIRONMENT

LED Lights and Light Pollution



- ❖ The rapid adoption of LED lighting in the United States contributes to a growing crisis of light pollution.
- ❖ LED lights are aimed at saving energy and reducing costs.

- ❖ The night sky is becoming 10% brighter each year, primarily due to the proliferation of cheaper and brighter LED lights.
- ❖ This excessive artificial light not only obscures our view of the stars.
- ❖ It also disrupts sleep cycles, potentially leading to health issues, affects insect populations, and results in the deaths of millions of birds.

SPORTS

Durand cup 2023

- ❖ Mohun Bagan Super Giant take the cup for the 17th time in the event.
- ❖ A total of 24 teams, four more than last year, took part in the month-long competition.
- ❖ It is started in 1888, the Durand Cup is the oldest football competition in India and Asia.
- ❖ It's also the third-oldest in the world.
- ❖ The 2023 edition was the 132nd edition of the tournament.

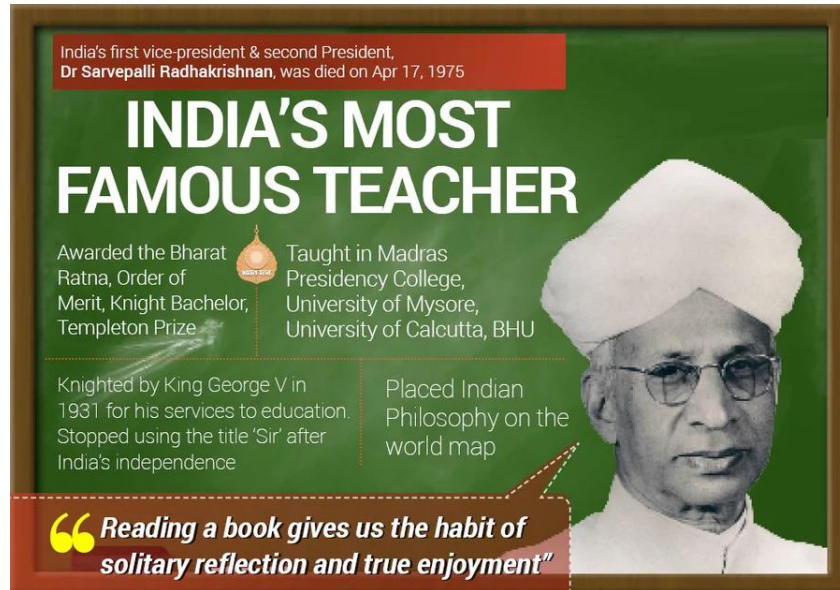


IMPORTANT DAYS

National Teachers' Day 2023 - September 05

- ❖ Dr Sarvepalli Radhakrishnan's birth anniversary is celebrated as Teachers' Day.

- ❖ He was India's second President and the first Vice President.
- ❖ From 1931 to 1936, he served as the Vice-Chancellor of Andhra University and then the Vice-Chancellor of Banaras Hindu University in 1939.
- ❖ He was also awarded the Bharat Ratna in 1954.
- ❖ In 1963, he was admitted as an honorary member of the British Royal Order of Merit.
- ❖ He also authored a book called 'The Philosophy of Rabindranath Tagore'.



India's first vice-president & second President,
Dr Sarvepalli Radhakrishnan, was died on Apr 17, 1975

INDIA'S MOST FAMOUS TEACHER

Awarded the Bharat Ratna, Order of Merit, Knight Bachelor, Templeton Prize

Taught in Madras Presidency College, University of Mysore, University of Calcutta, BHU

Knighthood by King George V in 1931 for his services to education. Stopped using the title 'Sir' after India's independence

Placed Indian Philosophy on the world map

“ Reading a book gives us the habit of solitary reflection and true enjoyment ”

