

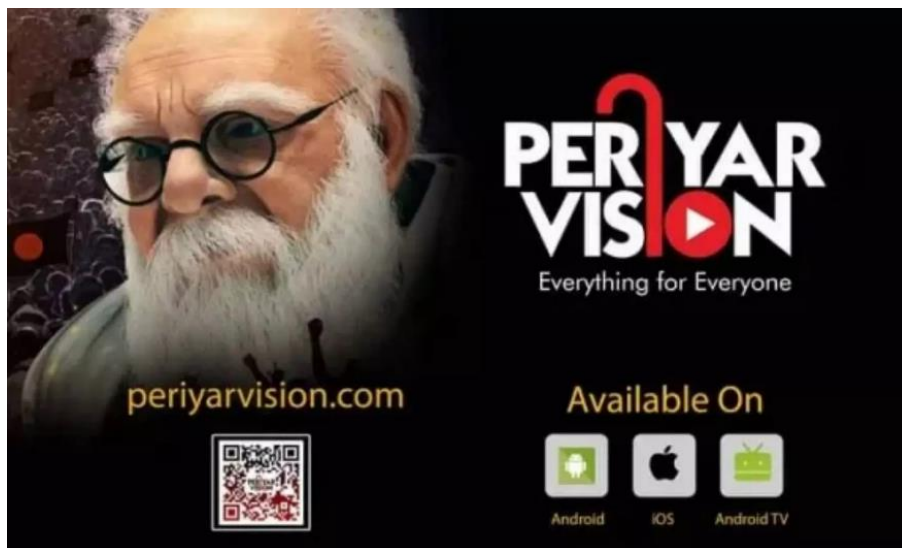
July - 25

TNPSC BITS

- ❖ Tamil Nadu Chief Minister has launched a single window system through which building permissions for plot sizes up to 2,500 sq. Ft. and built-up area up to 3,500 sq.ft. could be obtained based on self-certification.
- ❖ The Work on the first bed dam at the confluence of Goddar and Palar rivers at Erayangadu village in Vellore was commenced recently.
- ❖ Captain Supreetha C.T has become the first woman officer from the Corps of Army Air Defence, to be operationally deployed at Siachen Glacier.
- ❖ Nobel Peace Prize laureate Rigoberta Mench^o Tum has been honoured with the Gandhi Mandela Award 2020, given by Gandhi Mandela Foundation trust.
- ❖ US President Joe Biden announced his decision to drop out of the US presidential election race and endorses Kamala Harris as the next Democratic presidential candidate.

TAMIL NADU

Periyar Vision OTT

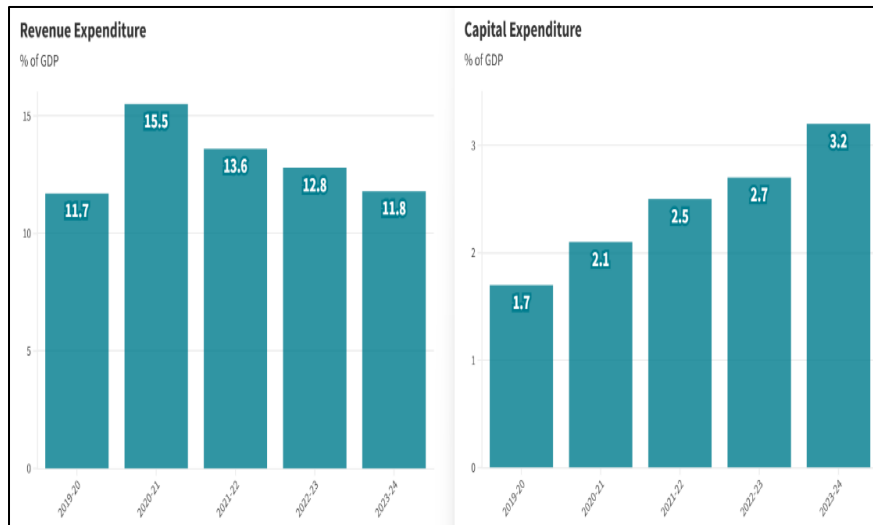


- ❖ Periyar Vision OTT platform was launched by Dravidar Kazhagam.
- ❖ This is the world's first OTT platform dedicated to social justice.
- ❖ The OTT platform features content on various superstitions associated with religion, interviews with prominent political party leaders, on rationalism, films, short films, documentaries and other programmes.

- ❖ It aimed at further disseminating Periyar's ideology of self-respect and social justice to a wider audience.

NATIONAL

Economic Survey 2023-24



- ❖ The Economic Survey is a comprehensive review or annual report of Indian economy during the closed financial year.
- ❖ India's GDP is likely to grow at 6.5 to 7 per cent in the current fiscal year amid global challenges which may impact exports.
- ❖ The growth projected for 2024-25 is lower than the economic growth rate of 8.2 per cent estimated for the previous financial year.
- ❖ The fiscal deficit has been brought down from 6.4 per cent of GDP in FY23 to 5.6 per cent of GDP in FY24.
- ❖ The capital expenditure for FY24 stood at ₹9.5 lakh crore, an increase of 28.2 per cent on a YoY basis, and was 2.8 times the level of FY20.
- ❖ Effective capital expenditure grew to 4.2% of the GDP at ₹12.5 lakh crores in FY '24, from 3.9% of the GDP (or ₹10.5 lakh crores) in FY '23.
- ❖ External debt as a ratio to GDP stood at 18.7 per cent as of end-March 2024.
- ❖ The ratio of foreign exchange reserves to total debt stood at 97.4 per cent as of March 2024 as per the Economic Survey 2023- 24.
- ❖ Remittances to India are projected to grow at 3.7% to \$124 billion in 2024 and at 4% to reach \$129 billion in 2025.
- ❖ Food inflation based on the Consumer Food Price Index (CFPI) increased from 3.8% in FY22 to 6.6% in FY23 and further to 7.5% in FY24.

- ❖ In 2022-23, foodgrain production hit an all-time high of 329.7 million tonnes.
- ❖ In 2023-24, food grain production is slightly lower at 328.8 million tonnes.
- ❖ The inflation rate was less than 6 per cent in 29 out of the 36 States and Union Territories.

National Landslide Forecasting Centre



- ❖ Centre inaugurated National Landslide Forecasting Centre (NLFC) in Kolkata.
- ❖ It will issue early warning bulletins for all landslide-prone states.
- ❖ It is also, operationalizing the regional Landslide Early Warning System (LEWS) nationwide by 2030.
- ❖ Approximately 0.42 million sq. km (12.6% of land area), excluding snow covered area, is prone to landslide hazard.
- ❖ Himalayas and Western Ghats are particularly susceptible to landslides due to hilly topography and heavy rainfall.

INTERNATIONAL

World's First Carbon Fiber High-Speed Train

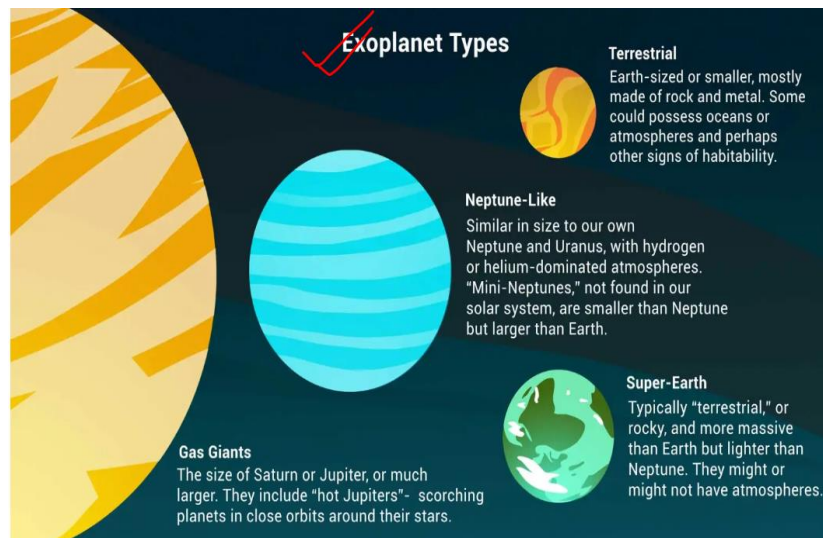
- ❖ China has unveiled the first carbon fiber-only passenger train in history.

- ❖ This is the first passenger train in history to be constructed completely of carbon fiber, greatly decreasing weight and pollution.
- ❖ The carbon fiber train will reach speeds of up to 87 mph and use 7% less energy than regular steel trains.
- ❖ It produces less air pollution per passenger than vehicles or airplanes.



SCIENCE AND TECHNOLOGY

Six New Exoplanets - 2024



- ❖ Nasa has announced the discovery of six new worlds.
- ❖ HD 36384 b, a super-Jupiter, orbits an enormous M giant star nearly 40 times the size of our Sun.

- ❖ TOI-198 b, a potentially rocky planet, resides on the inner edge of its star's habitable zone.
- ❖ TOI-2095 b and TOI-2095 c are hot super-Earths orbiting the same M dwarf star.
- ❖ TOI-4860 b is a rare "hot Jupiter" completing an orbit every 1.52 days around an M dwarf star.
- ❖ Now, the total number of confirmed planets beyond our solar system increased to 5,502.
- ❖ Approximately 31 years ago, in 1992, scientists confirmed the first exoplanets when they detected twin planets, Poltergeist and Phobetor.
- ❖ They orbiting the pulsar PSR B1257+12.
- ❖ By March 2022, the number of discovered exoplanets surpassed the 5,000 marks.

STATES

Ladkha Bahu Yojana – Maharashtra



- ❖ Maharashtra launched the 'Majhi Ladki Bahin Yojana' for women.
- ❖ Chief Minister also introduced a new scheme aimed at providing job training and stipends for young men.
- ❖ The initiative, tentatively named the 'Ladka Bhau' Yojana, is part of the 'Mukhya Mantri Yuva Karya-Prashikshan Yojana.'
- ❖ This scheme seeks to address unemployment by offering on-the-job training with a monthly stipend to eligible candidates.

- ❖ The initiative targets those who have completed their class 12 education, with a monthly stipend structure based on educational qualifications:
 - Rs 6,000 for class 12 graduates,
 - Rs 8,000 for diploma holders, and
 - Rs 10,000 for bachelor's degree holders.

IMPORTANT DAYS

National Flag Day 2024 - July 22

- ❖ It commemorates the adoption of the Indian national flag on July 22, 1947, by the Constituent Assembly.
- ❖ It celebrates historical achievement and stands for the ambition, diversity, and togetherness of the Indian populace.
- ❖ The Ashoka Chakra, which replaced the spinning wheel or 'Charkha' on the flag, symbolised self-reliance and resistance during India's struggle for freedom.
- ❖ This modification was proposed by Badr-ud-Din Tyabji and supported by Mahatma Gandhi.
- ❖ In 2002, amendments to the Flag Code of India expanded citizens' rights regarding the national flag.



National Mango Day 2024 - July 22

- ❖ In 1987, the National Horticulture Board of India introduced the concept of the International Mango Festival to pay tribute to mangoes.
- ❖ Mangoes and its connection to Indian culture dates back 5000 years when it was used as a reference in Indian folklore.

- ❖ The fruit got its name, most likely, from the Malayam manna, which the Portuguese adopted as manga when they arrived in Kerala back in the 15th century.



MISCELLANEOUS

Peru – Mashco Piro tribes



- ❖ Indigenous rights NGO Survival International has released rare pictures of the Mashco Piro tribes' people, one of the world's 100-odd uncontacted tribes.
- ❖ The Mashco Piro, possibly numbering more than 750, are believed to be the largest of such tribes.
- ❖ These nomadic hunter-gatherers live in the Amazon jungles of the Madre de Dios Region, close to Peru's border with Brazil and Bolivia.



- ❖ The tribe is very reclusive, only occasionally contacting the native but contacted Yine people.
- ❖ Much of what is known about the Mashco Piro comes from Yine accounts.

