

October - 30

TNPSC BITS

- ❖ The Maharashtra government has launched India's first integrated state-level Cyber Command and Control Centre, equipped with world-class technology and expertise.
- ❖ Thano village near Dehradun is designated as the 'Writer's village' where writers will get a calm and creative environment necessary for the creation of their works.
- ❖ IndiaAI and Meta have announced the establishment of the Centre for Generative AI- Srijan, at IIT Jodhpur, Rajasthan.
- ❖ India's first-ever coal gallery was unveiled at the National Science Centre in New Delhi.
- ❖ A new memorial named Satark Park unveiled in Pune to honour the sacrifices of Military Intelligence personnel who died in the line of duty.
- ❖ Google has signed a deal to use small nuclear reactors to generate the vast amounts of energy needed to power its artificial intelligence (AI) data centres.
- ❖ Ratcliffe-on-Soar, the UK's last coal power station, at Ratcliffe-on-Soar, finishes operations recently after running since 1967.
- ❖ Nvidia became the world's most valuable company, by overtaking Apple with the value of 3.53\$tn.
- ❖ T V Narendran, MD and CEO of Tata Steel, has been elected as the Chairman of the World Steel Association (world steel).
- ❖ The Steel Authority of India Limited (SAIL) has been awarded with SHRM - HR Excellence Awards for 'Excellence in Inclusion, Equity & Diversity' and 'Excellence in Managing the Distributed Workforce' categories.
- ❖ India's coking coal imports for the first six months of the current fiscal (April – September) were at a six-year-high at 29.6 million tonnes (mt).
 - Shipments from Russia witnessing a substantial rise of over 200 per cent during this period.

TAMIL NADU

Measures for farmers welfare in Tamilnadu

- ❖ A total sum of ₹91.07 crore has been released to support over 1.19 lakh farmers, whose crops were affected by the Northeast monsoon since 2021.

- ❖ Crop insurance and compensation claims of ₹5,148 crore have been settled to 29.34 lakh farmers since 2021.
- ❖ The State has released a total sum of ₹624.04 crore as fair and remunerative price and special incentive to sugarcane farmers.
- ❖ The cultivation of sugarcane has been increased from 95,000 hectare to 1.54 lakh hectare.
- ❖ Sugar mills have been provided loans to the tune of ₹600 crore.
- ❖ Subsidies have been provided for about ₹335 crore to purchase the agricultural machinery and equipment.
- ❖ A total of 14 new Uzhavar Sandhais have been set up.
- ❖ Decomposing machines have been installed at a total cost of ₹2.75 crore in 25 Uzhavar Sandhais to handle the waste generated.



வேளாண்மைத் துறையில் இந்தியாவிலேயே
தமிழ்நாடு முன்னணி மாநிலம்

விவசாயிகளுக்கு ரூ.5148 கோடி பயிர் காப்பீட்டு இழப்பீட்டுத் தொகை:

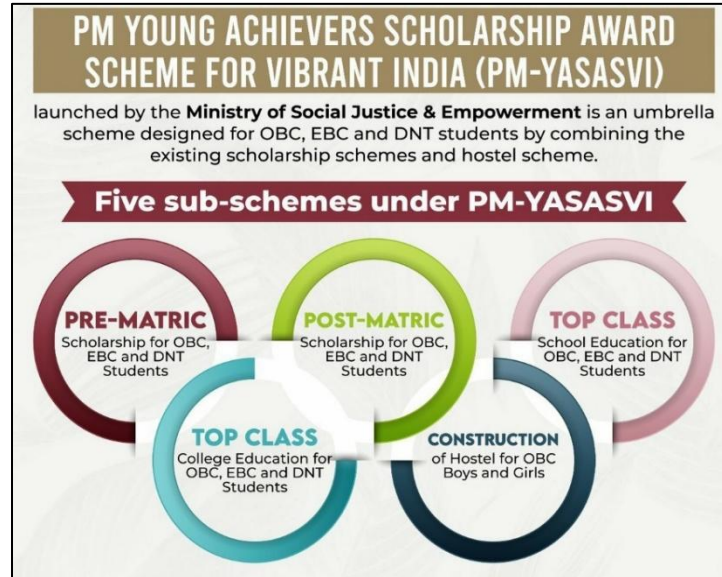
- கரும்பு விலை டன் ரூ.2750 என்பது ரூ.3134 ஆக உயர்வு
- ரூ.611 கோடியில் கலைஞர் அனைத்துக் கிராம ஒருங்கிணைந்த வேளாண் வளர்ச்சித் திட்டம்
- ரூ.335 கோடி மானியத்தில் விவசாய இயந்திரங்கள்
- ரூ.56 கோடியில் முதன் முறையாக ஆதிதிராவிட விவசாயிகளுக்கு 100 சதவீத மானியம்
- ரூ.25 கோடியில் கலைஞர் நூற்றாண்டு பூங்கா

NATIONAL

PM-YASASVI Scheme

- ❖ The Ministry of Social Justice and Empowerment has implemented the PM Young Achievers Scholarship Award Scheme for Vibrant India (PM-YASASVI).
- ❖ This comprehensive umbrella scheme is aimed at uplifting students from OBC, EBC, and De-notified Tribes (DNT) by providing them with access to quality education during their formative years.

- ❖ This scheme consolidates and enhances several earlier initiatives, including the Dr. Ambedkar Post-Matric Scholarship Scheme for EBCs and the Dr. Ambedkar Pre-Matric and Post-Matric Scholarship Scheme for DNTs.
- ❖ By integrating these schemes, it ensures a more streamlined and impactful approach to supporting the educational needs of socially and economically disadvantaged students.



ENVIRONMENT

Pledge for Fungal Conservation

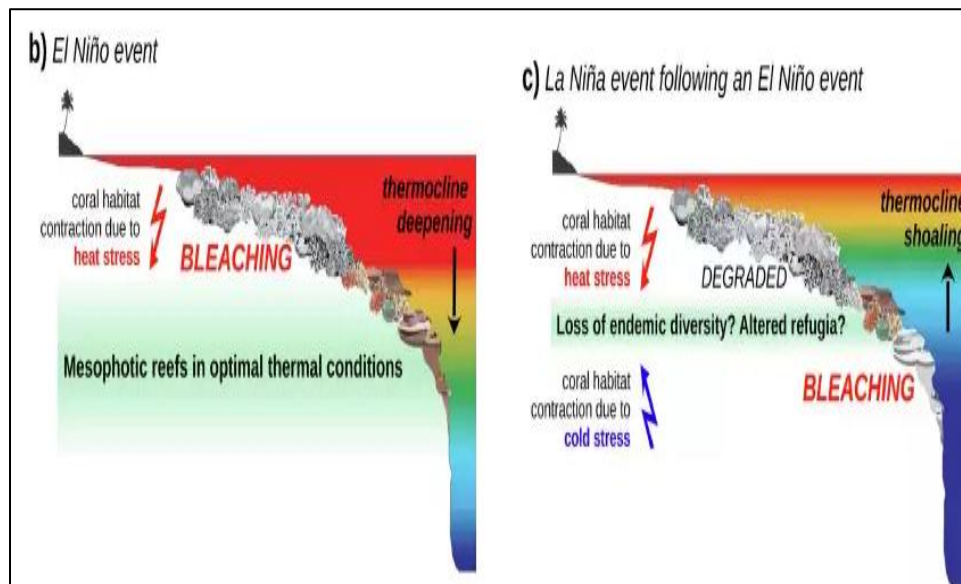


- ❖ The governments of Chile and the United Kingdom have prepared a 'pledge for fungal conservation'.

- ❖ Mushrooms, moulds, yeast, lichen and mildew may get their own taxonomical kingdom 'Funga' alongside animals and plants for their conservation.
- ❖ The proposal was submitted to the UN Convention on Biological Diversity (CBD) during the COP16 in Cali, Colombia.
- ❖ It aims to advance their conservation and to adopt concrete measures that allow for maintaining their benefits to ecosystems and people.
- ❖ It is estimated that only eight per cent of the total 2.2 and 3.8 million species of fungi are scientifically known.
- ❖ About 2,000 new species are discovered annually across the world.

Mesophotic Coral Ecosystems

- ❖ New study highlights that deep coral ecosystems in the Eastern Pacific likely face a two-pronged threat over the 21st century.
- ❖ They faced bleaching from warm water above and cold-water exposure from below.
- ❖ Mesophotic coral ecosystems are found in tropical and subtropical regions at depths between 100 and 490 feet.



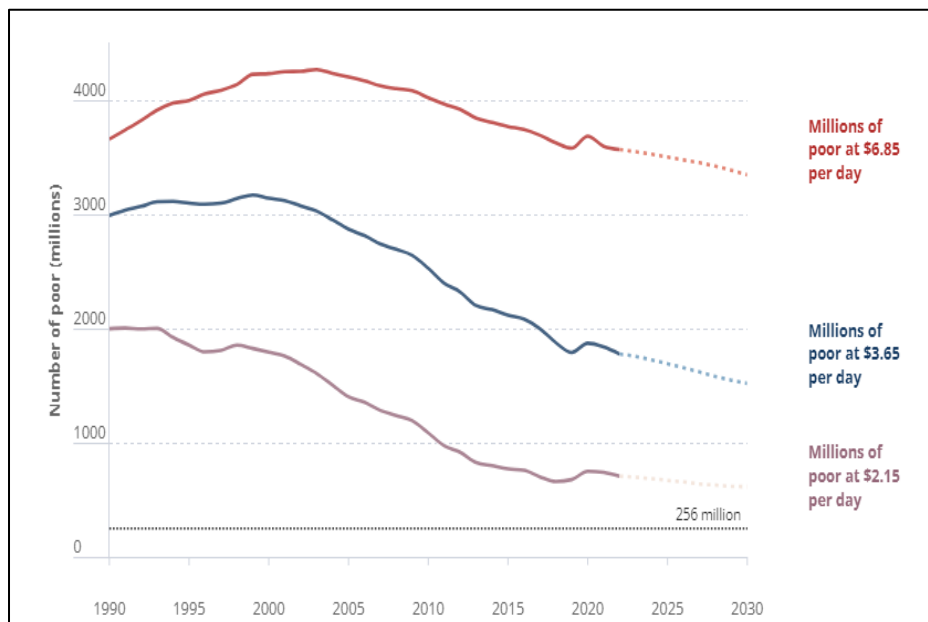
REPORTS AND INDICES

Poverty prosperity and planet report 2024

- ❖ World Bank has recently released the 'Poverty, Prosperity and Planet: Pathways out of the Polycrisis' report.



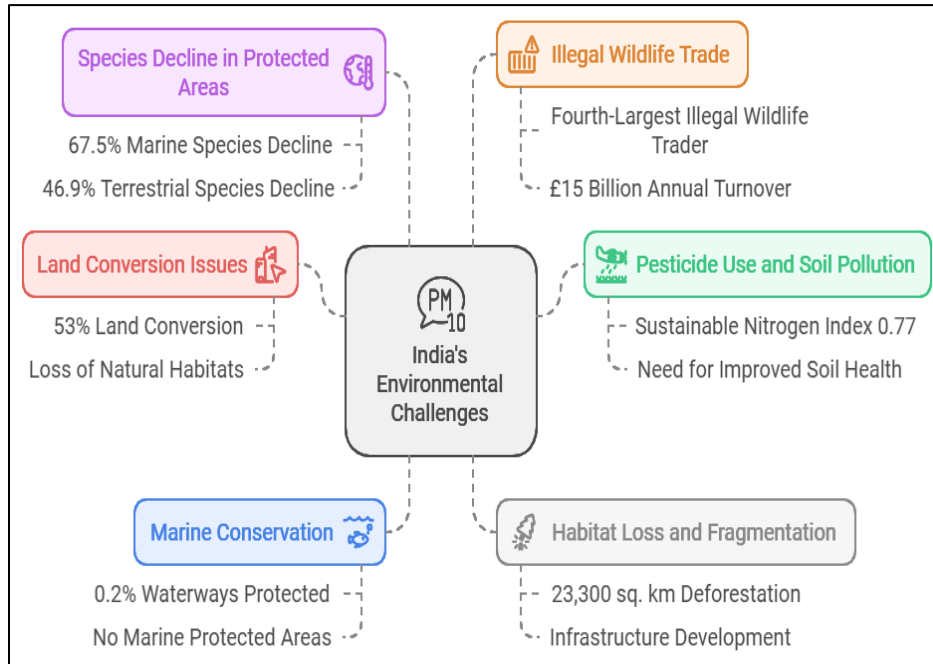
- ❖ Almost half the global population (44%) – around 3.5 billion people – live today on less than \$6.85 per day.
- ❖ 8.5% of the global population (almost 700 million people) live today in extreme poverty, on less than \$2.15 per day.
- ❖ According to World Bank, the people in extreme poverty is who live on less than \$2.15 per day.
- ❖ In 2024, Sub-Saharan Africa accounted for 16 % of the world’s population, but 67 % of the people living in extreme poverty.
- ❖ 29 million Indians are living in extreme poverty in 2024 down from 431 million in 1990.
- ❖ 622 million people (7.3 % of the global population) are projected to live in extreme poverty in 2030.



Global Nature Conservation Index (NCI) 2024

- ❖ This report evaluates the conservation efforts using the four markers — land management, threats to biodiversity, capacity and governance, and future trends.
- ❖ India has been ranked 176th in the Global Nature Conservation Index, 2024.
- ❖ The country ranks as one of the five worst performers alongside Kiribati (180), Turkey (179), Iraq (178), and Micronesia (177) in the ranking of 180 countries.
- ❖ The index reveals high use of pesticides and also warns against soil pollution.
- ❖ At rank 15, Bhutan is the only South Asian country among the top 50 ranks.

- ❖ Nepal, at the rank of 60, along with Sri Lanka and Pakistan are also ahead of India, at ranks 90 and 151 respectively.



PERSONALITIES, AWARDS, AND EVENTS

Arjun Erigaisi



- ❖ GM Arjun Erigaisi made history by becoming the youngest Indian to surpass the coveted 2800 Elo rating mark.
- ❖ He is also the only second from the country after Viswanathan Anand.

- ❖ His win in the European Chess Club Cup 2024 helped him become the World No. 3 in the live rating list.
- ❖ Arjun became the 16th player to cross the 2800-rating mark.
- ❖ Five-time World Champion, Magnus Carlsen sits second on this list.

Rani Chennamaa 200th birth anniversary

- ❖ Rani Chennamaa, the Queen of Kittur was born on 23rd October 1778, in Kagati, Belagavi district in Karnataka.
- ❖ After the death of her husband, she adopted Shivalingappa with aim of making him heir to throne of Kittur.
- ❖ The British refused to recognize Shivalingappa under the ‘doctrine of lapse’ and subsequently led to the Revolt.
- ❖ Though British lost 1st battle in 1824, she was later captured & imprisoned, till her death in 1829.



IMPORTANT DAYS

International Gibbon Day 2024 - October 24

- ❖ Gibbons are apes in the family Hylobatidae.
- ❖ There are 20 different species of Gibbons and they are endemic to the tropical and subtropical rainforests of South Asia.



- ❖ India's only ape species, the Western Hoolock gibbon is listed as endangered in IUCN red list.
- ❖ Currently there are less than 3,000 gibbons in India, and they are usually seen in North Eastern States.



International Dwarfism Awareness Day 2024 - October 25



- ❖ The day spreads about awareness on Achondroplasia - bone growth disorder that causes dwarfism.
- ❖ Dwarfism is short stature that results from a genetic or medical condition.
- ❖ It is generally defined as an adult height of less than 4 feet 10 inches (147 centimetres).

- ❖ Achondroplasia is the most common type of dwarfism, and the word itself means 'without cartilage formation'.
- ❖ Dwarfism occurs one in every 15,000 to one in 40,000 births.

World Day for Audiovisual Heritage 2024 - October 27

- ❖ It recognises the dedicated efforts of professionals and institutions working to safeguard our audiovisual cultural heritage for future generations.
- ❖ This day was established by UNESCO in 2005.
- ❖ This day emphasises the significance of preserving audiovisual materials like films, sound recordings, and broadcasts.

