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Foot Prints

(Compilation of Current Events)



TAMIL NADU



STATES



NATIONAL



INDIA & THE WORLD



INTERNATIONAL



SCHEMES



DEFENCE



SCIENCE & TECHNOLOGY



EVS



ECONOMY



COURT VERDICTS



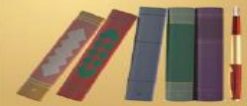
CONFERENCES & SUMMITS



AWARDS



PERSONALITIES



BOOKS & AUTHORS



SPORTS



RANKS & REPORTS



DAYS



OBITUARY



NEWS OF THE MONTH



KNOWLEDGE



APPOINTMENTS



COMMITTEES



APPS / PORTALS



MISCELLANEOUS

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TAMIL NADU

➤ Sathaya Vizha

- ✓ The two-day 1,037th Sathaya Vizha, the birth anniversary of emperor Raja Raja Chola - was celebrated as a government festival in Thanjavur on November 3.
- ✓ Earlier, on November 2, Chief Minister MK Stalin announced that the birth anniversary of legendary Tamil King Raja Raja Cholan, observed on November 3, will be celebrated as a government function hereafter.
- ✓ Raja Raja Cholan was coronated on his birthday and the astrological star on the day was 'Sathayam' due to which his birth anniversary and day of coronation together are celebrated as "Sathaya Vizha."

➤ Performance Grading Index (PGI)

- ✓ Tamil Nadu - has slipped to level III in 2020-21 in the Performance Grading Index (PGI) released by the Department of School Education and Literacy under the Ministry of Education.
- ✓ The State had obtained poor scores in equity, infrastructure, and governance in the latest rankings released on November 3.
- ✓ As per the latest index, the overall score of the State has come down from 906 in 2019-20 to 855 in 2020-21.
- ✓ The PGI comprises 1000 points across 70 indicators in five domains – learning outcomes and quality, access, infrastructure and facilities, equity and governance process.

➤ Aerospace and Defence Policy 2022

- On November 8, Chief Minister M K Stalin - unveiled a revised Tamil Nadu Aerospace and Defence Policy 2022 at the Industry 4.0 conclave 'Future is now - Towering Tamil Nadu', organised by the Tamil Nadu Industrial Development Corporation Ltd (TIDCO) in Chennai.
- ✓ The TN government plans to attract Rs.75,000 crore worth of investments and generate about one lakh jobs over the next 10 years through the aerospace and defence sectors.
 - ✓ The two Centres of Excellence are -- the Tamil Nadu Smart and Advanced Manufacturing Centre (TANSAM) and the Tamil Nadu Advanced Manufacturing Centre of Excellence (TAMCOE).

➤ Cauvery South Wildlife Sanctuary

- ✓ On November 8, the Tamil Nadu government - has notified 'Cauvery South Wildlife Sanctuary' as the 17th Wildlife Sanctuary in the state.

- ✓ The notification has been released following the announcement made by the Tamil Nadu government on April 25.
 - ✓ The Cauvery South Wildlife Sanctuary includes Anchetty taluk in Krishnagiri district and Pennagaram and Palacide taluks in the Dharmapuri district.
 - ✓ The sanctuary is home to 35 species of mammals and 238 species of birds including some rare ones.
- **Friends of Library**
- ✓ The Directorate of Public Libraries - is planning to launch a new scheme, "Friends of Library" from December 2022.
 - ✓ Under the initiative, about 12,500 volunteers will deliver books at the doorsteps in their neighbourhood across the state.
 - ✓ The initiative aims to help elderly people, disabled, housewives, children and others to get the books at their doorstep.
 - ✓ Teachers, school students studying above Class VII, civil service aspirants and members of the library also can be enrolled as volunteers to deliver books.
- **Multimodal Logistics Park (MMLP)**
- ✓ Mukesh Ambani-led Reliance Industries - will set up the country's first multimodal logistics park (MMLP) in Chennai.
 - ✓ The proposed MMLP spreading over 184.27 acres will be set up at Mappedu in Thiruvallur district.
 - ✓ The model concession agreement for this project is on 'Design, Build, Finance, Operate, and Transfer'(DBFOT) basis.
 - ✓ Prime Minister Narendra Modi laid the foundation stone of the project on May 26, 2022.
 - ✓ The MMLP at Chennai will be developed in three phases with estimated developer investment of Rs. 783 crore.

STATE

➤ **Ranipur Tiger Reserve**

- ✓ UP's Ranipur Tiger Reserve Becomes 53rd Tiger Reserve of India.
- ✓ Uttar Pradesh is set to have its fourth Tiger Reserve and 53rd tiger reserve in India.
- ✓ The tiger reserve is spread across over 529.36 sq km out of which the core area is 230.32 sq km and the buffer area is 299.05 sq km.

➤ **Ente Bhoomi**

- ✓ Chief Minister Pinarayi Vijayan - inaugurated the state revenue department's digital resurvey project, called 'Ente Bhoomi' (my land) on the occasion of the 66th foundation day of Kerala.
- ✓ The newly launched project aims to identify and provide plots to over three lakh landless families in the state.
- ✓ Ente Bhoomi is an ambitious digital land resurvey programme that, when completed, will make the state the first in the country where there are no landless citizens.

➤ **New Jim Corbett Park**

- ✓ Uttar Pradesh chief minister Yogi Adityanath - has cleared the proposal for 'New Jim Corbett Park' to be created in UP's Bijnor district.
- ✓ The proposed Park shares the border with the Jim Corbett Park in Uttarakhand.
- ✓ After Dudhwa, Pilibhit and Amangarh, Ranipur in Chitrakoot has been declared as the fourth Tiger Reserve in UP.
- ✓ Ranipur wildlife Sanctuary has been given the status of 53rd Tiger Reserve of the country by the Union government.
- ✓ There were only nine tiger reserves in the country in 1973, which have now increased to 53.

➤ **Odisha Slum-Free by the End of 2023**

- ✓ Chief Minister Naveen Patnaik announced that the Odisha government aims to make Odisha slum-free by the end of 2023. The CM of Odisha has launched a survey using drones to facilitate a process to provide land deeds to slum-dwellers in five municipal areas across Odisha.
- ✓ All the slums in Odisha will be converted into model colonies and Odisha will be made slum-free by December 2023.

➤ **Statue of Prosperity**

- ✓ PM Modi on 11th Nov 2022 unveiled a 108- feet tall bronze statue of Sri Nadaprabhu Kempegowda in Bengaluru.
- ✓ The 'Statue of Prosperity' has been built to commemorate the contribution of Nadaprabhu Kempegowda, the founder of Bengaluru.
- ✓ It has been conceptualised & sculpted by Ram V Sutar, sculptor of Statue of Unity.
- ✓ 98 tonnes of bronze & 120 tonnes of steel have gone into making this statue.



NATIONAL

➤ **Academic Bank of Credit (ABC)**

- ✓ The University Grants Commission (UGC) - has made it mandatory for institutions offering programmes under online and open and distance learning (ODL) mode to register students in the Academic Bank of Credit (ABC).
- ✓ Accordingly, 58 higher education institutions (HEIs) offering online programmes and 86 HEIs running their programmes in distance mode have to comply with the ABC rules.
- ✓ This year, several universities have made the ABC portal (abc.gov.in) compulsory.

➤ **Bharatiya Bhasha Divas**

- ✓ The University Grants Commission - has instructed all higher education institutions to observe a 'Bharatiya Bhasha Divas' on December 11.
- ✓ The Bharatiya Bhasha Samiti, Ministry of Education, has suggested to observe the day as Bharatiya Bhasha Diwas.
- ✓ The day, December 11 was proposed to be celebrated as 'Bharatiya Bhasha Diwas' or 'Bharatiya Bhasha Utsav' as it marks the birth anniversary of poet Subramania Bharati, a pioneer of modern Tamil poetry.

➤ **Ganga Utsav 2022**

- ✓ Ganga Utsav 2022- The River Festival to be celebrated on 4th November.
- ✓ The Ganga Utsav- The River Festivals 2022 is being organized by the collaboration of The National Mission for Clean Ganga (NMCG), the Department of Water Resources, River Development and Ganga Rejuvenation, and the Ministry of Jal Shakti.

➤ **Niveshak Didi**

- ✓ India Post Payments Banks (IPPB) - conducted India's first floating literacy camp under 'Niveshak Didi' initiative in Srinagar's Dal Lake.
- ✓ Prime Minister Narendra Modi appreciated this unique initiative and praised 'Niveshak Didi', a camp to promote financial literacy among women.
- ✓ IPPB conducted the floating camp to promote financial literacy 'By the women, for the women', in Srinagar, Jammu and Kashmir on November 5.
- ✓ The initiative was launched by IPPB in collaboration with Investor Education and Protection Fund Authority (IEPFA) under the aegis of Ministry of Corporate Affairs (MCA).

➤ **Indian Biological Data Center' (IBDC)**

- ✓ Union Minister of state for Science and Technology, Jitendra Singh - dedicated India's first national repository for life science data 'Indian Biological Data Center' (IBDC) to the nation recently on November 10.
- ✓ IBDC was set up to archive all life science data generated from publicly-funded research in India.
- ✓ The data will be hosted in two data portals viz. the 'Indian Nucleotide Data Archive (INDA)' and 'Indian Nucleotide Data Archive - Controlled Access (INDA-CA)'.



INTERNATIONAL

➤ **Black Sea Grain Deal**

- ✓ The Black Sea Grain deal - is being implemented by the United Nations, despite Russia's decision to suspend its participation in the scheme.
- ✓ A record volume of 354,500 tonnes of agricultural products was carried on vessels leaving Ukrainian ports on October 31 as part of the Black Sea grain deal.
- ✓ Turkey, which helped broker the deal, remained committed to the deal which involves the inspection of cargoes at a Joint Coordination Centre in Istanbul.

➤ **Permacrisis**

On November 1, the term "permacrisis" - was named as Britain's word of the year in recognition of a dismal 2022.

- ✓ The annual list compiled by Collins Dictionary defined the word as "an extended period of instability and insecurity".
- ✓ As a result of Brexit, the Covid epidemic, extreme weather, the Ukraine conflict, political unrest, and a cost-of-living issue, the word "permacrisis" has been widely used.
- ✓ The word "permacrisis" was named ahead of other words like "Kyiv," "sportswashing," and "partygate".

➤ **King of South Africa**

- ✓ Misuzulu ka Zwelithini - was crowned King of South Africa at the Football Stadium in Durban.
- ✓ President Cyril Rymphosa has officially handed over the certificate to Misuzulu Zulu on October 30, recognizing him as the new ruler of the country's richest and most influential traditional monarchy.
- ✓ It was the first time since 1971 that a Zulu King was crowned by the country's government.

➤ **Longest Passenger Train**

- ✓ Switzerland created record for operating the longest passenger train.
- ✓ Switzerland is now home to the world's longest passenger train.
- ✓ The train has 100 coaches, measures 1910 metres and consists of 4,550 seats.
- ✓ The train was seen passing through the mountainous landscape in the Swiss Alps.
- ✓ Celebrating the 175th anniversary of Switzerland's first railway, the country's railway operators came together to create the new Guinness.

➤ **Belgium**

- ✓ On November 7, Belgium - became the third nation in the world to pledge funding to help developing countries cope with damage and losses caused by climate change.
- ✓ Belgium has pledged to offer €2.5 million (\$2.5 million) in support for Mozambique for a period from 2023 to 2028.
- ✓ Previously only Scotland and Denmark had pledged funding for climate-linked loss and damage.

➤ **Long-Term Low Emission Development Strategy (LT-LEDS)**

- ✓ On November 14, India - submitted its long-term low emission development strategy (LT-LEDS) to the UN climate body.
- ✓ The strategy defines the roadmap of how the country would ultimately meet its 'net zero' emission goal of 2070.
- ✓ India has become the 57th country to make this submission which is a requirement for all countries under the Paris Agreement.
- ✓ Under the LT-LEDS, the countries are expected to broadly outline their plan and vision explaining how they would meet their respective climate action targets.

➤ **Global Shield**

- ✓ Climate disaster aid scheme 'Global Shield' launched at COP27.
- ✓ A G7-led scheme "Global Shield" to provide funding to countries suffering climate disasters has been launched at the United Nations COP27 summit in Egypt's Sharm ElSheikh.
- ✓ It is being developed in collaboration with the 'V20' group of 58 climate-vulnerable economies.
- ✓ Pakistan, Ghana and Bangladesh will be among the first recipients of funding from this initiative.

SCHEMES

➤ **Sugam Teerth**

- ✓ The government - is planning to launch a new scheme under the name 'Sugam Teerth' to provide 'end-to-end' support to physically challenged tourists visiting religious sites.
- ✓ It will be designed to help disabled tourists from the start to the end of a visit to a pilgrimage.
- ✓ In this regard, the government is planning to create an online platform for the registration of disabled individuals.
- ✓ Under the scheme, the religious places will be equipped with infrastructure to help individuals go through with the prayers.



CONFERENCES & SUMMITS

➤ **Chem 2022**

- ✓ The 12th edition of Biennial International Exhibition and Conference India Chem 2022 - was held at Pragati Maidan, New Delhi on November 2 and 3.
- ✓ India Chem 2022 is one of the biggest composite events in the Asia-Pacific region for the stakeholders of chemical industry.
- ✓ The event was held based on the theme “Vision 2030: Chemicals and Petrochemicals Build India”.
- ✓ It highlighted the Government’s policies targeting the sustainable growth of the chemicals and petrochemical industry.

➤ **COP27**

- ✓ The United Nations Climate Change Conference, commonly referred to as Conference of the Parties of the UNFCCC, or COP27 - opened in the Egyptian resort town of Sharm el-Sheikh on November 6.
- ✓ On the first day of the UN climate conference, over 190 participating countries, including India, agreed to include funding for loss and damage in the agenda for the COP27.
- ✓ It’s an important step towards working out a mechanism to support poor and vulnerable countries that have to face the impacts of climate change due to historical emissions of rich nations.

➤ **Urban Mobility India Conference & Expo**

- ✓ In Kerala, the 15th edition of the Urban Mobility India Conference & Expo opens in Kochi on 4th of November. Union Minister of Housing and Urban Affairs Hardeep Singh Puri and Kerala Chief Minister Pinarayi Vijayan jointly inaugurated the three-day conference.
- ✓ The meet is focus on the theme, ‘Azadi @ 75 – Sustainable Aatmanirbhar Urban Mobility’.

➤ **High Level Dialogue on Migration and Mobility (HLDMM)**

- ✓ The 6th High Level Dialogue on Migration and Mobility (HLDMM) between India and the European Union - was held in Brussels on October 27.
- ✓ The discussions covered a wide range of issues related to the promotion of safe, orderly and regular migration including prevention of irregular migration.
- ✓ Both sides expressed satisfaction at the successful implementation of India- EU Common Agenda on Migration and Mobility.

➤ **India Water Week - November 1-5**

- ✓ India Water Week to be celebrated from 1st - 5th November 2022.
- ✓ In an effort to raise awareness, conserve and use water resources in an integrated manner, Union Ministry of Water Resources will organize the 7th edition of India Water Week from 1st to 5th Nov 2022.
- ✓ The theme of 7th edition is "Water Security for Sustainable Development and Equity".

➤ **Mangrove Alliance for Climate (MAC)**

- ✓ India Joins Mangrove Alliance for Climate (MAC) at COP27.
- ✓ Calling for integration of mangroves conservation with the Reducing Emissions from Deforestation and Forest Degradation (REDD+) programmes for carbon sequestering, India joined the Mangrove Alliance for Climate (MAC).
- ✓ The Mangrove Alliance for Climate (MAC) is an intergovernmental alliance that seeks to expand and hasten the progress towards the conservation and restoration of mangrove ecosystems.
Its members include the UAE, Indonesia, India, Sri Lanka, Australia, Japan, and Spain.

➤ **G20 Summit**

- ✓ Prime Minister Narendra Modi - will leave for Bali on November 14 on a three-day visit to attend the G20 summit.
- ✓ He will take part in sessions related to food and energy security, health as well as digital transformation in the G20 summit at Bali in Indonesia.
- ✓ US President Joe Biden, British Prime Minister Rishi Sunak, Chinese President Xi Jinping and several other world leaders will attend the G20 summit.
- ✓ India will assume presidency of G20 for a one-year period from December 1, 2022 from Indonesia at the closing ceremony of the annual gathering.

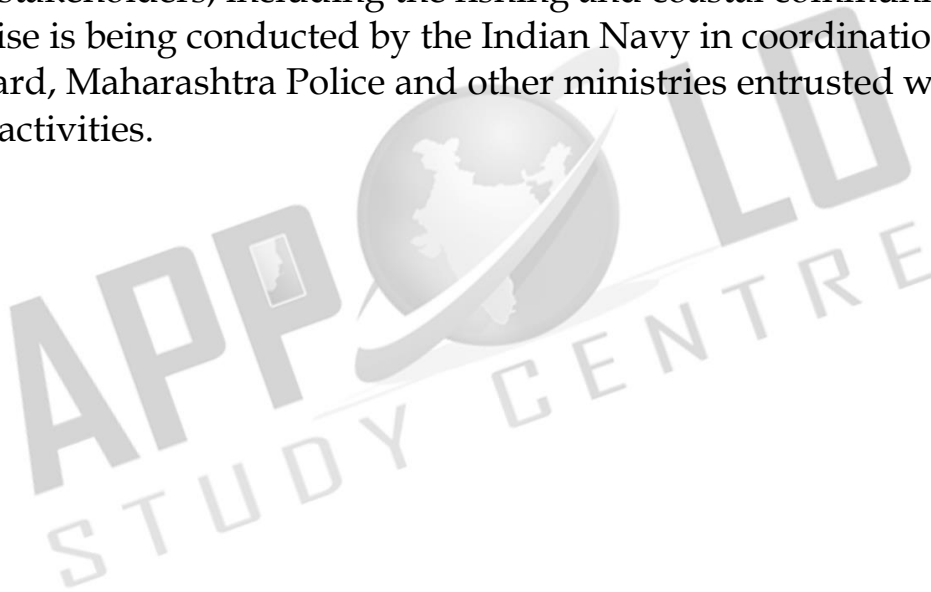
DEFENCE

➤ Malabar Naval Exercise-2022

- ✓ India is participating in the 26th International Malabar Naval exercise starting on November 8, 2022, in Yokosuka of Japan.
- ✓ Australia, Japan and US are also participating in the Malabar Naval Exercise and Indian Naval ships Shivalik and Kamorta are ready to demonstrate at the event.

➤ Sea Vigil 22

- ✓ The Indian Navy - kick started the third edition of the two day long mega coastal defence exercise "Sea Vigil 22" along the coast of Paradip on November 15.
- ✓ It will involve all the Coastal States and Union territories along with other maritime stakeholders, including the fishing and coastal communities.
- ✓ The exercise is being conducted by the Indian Navy in coordination with the Coast Guard, Maharashtra Police and other ministries entrusted with the task of maritime activities.



ECONOMY

➤ **Gross GST revenue - October 2022**

- ✓ The gross GST revenue collected in the month of October 2022 - rose to Rs. 1,51,718 crore, registering a 16.6% rise year-on-year.
- ✓ This is the second highest monthly collection ever since the indirect tax regime was launched since July 2017.
The highest GST ever collected amounted to Rs 1.68 lakh crore in April 2022, accounting for year-end sales in March.

➤ **Central Bank Digital Currency (CBDC)**

- ✓ The RBI - has announced its first pilot project to use central bank digital currency (CBDC) in the wholesale market (e-W) for secondary trade in government securities from November 1.
- ✓ The central bank will launch a similar pilot project for the retail segment (e-R) in closed user-groups of customers and merchants within a month.
- ✓ The nine banks have already opened accounts with RBI to transact in CBDCs, and when a transaction happens, money will be transferred instantaneously.

➤ **World's Third Largest Economy**

- ✓ **India Will Become Third-Largest Economy By 2027: Morgan Stanley.**
India is on track to become the world's third largest economy by 2027, surpassing Japan and Germany, and have the third largest stock market by 2030, thanks to global trends and key investments the country has made in technology and energy, says Morgan Stanley.

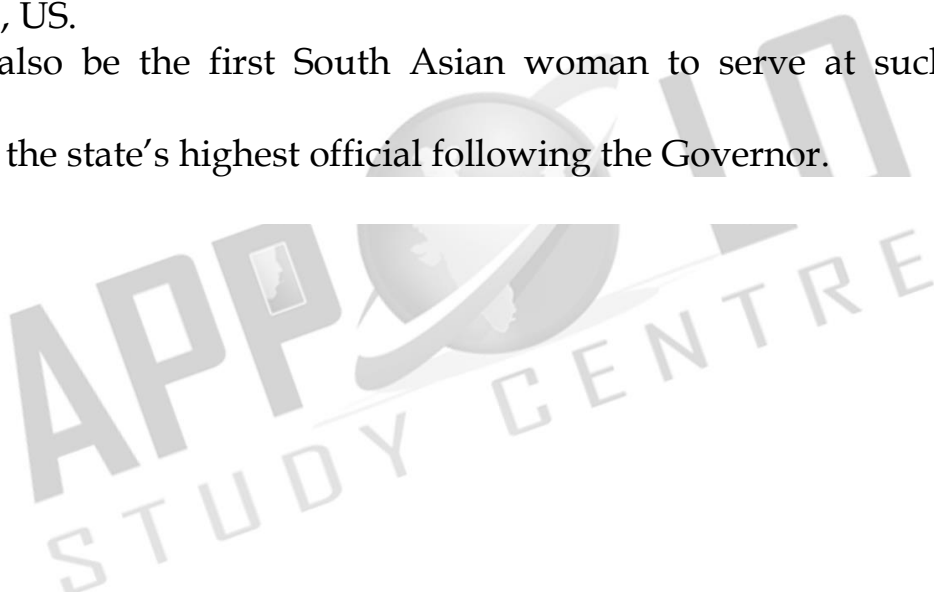
APPOINTMENT

➤ **Justice DY Chandrachud**

- ✓ Justice DY Chandrachud took oath as the new Chief Justice of India on 9 November 2022. President Droupadi Murmu administered the oath of office to the new Chief Justice of India, Justice DY Chandrachud at Rashtrapati Bhawan.
- ✓ He has succeeded Justice UU Lalit, who retired on 8 November 2022.
- ✓ Justice Dhananjaya Yashwant Chandrachud is the 50th Chief Justice of India.

➤ **Aruna Miller**

- ✓ Aruna Miller on 8th Nov 2022 scripted history by becoming the first Indian-American politician to win the race of Lieutenant Governor (LG) in the state of Maryland, US.
- ✓ She will also be the first South Asian woman to serve at such an important position.
- ✓ The LG is the state's highest official following the Governor.



AWARDS

➤ **Special Operation Medal**

- ✓ The “Union Home Minister's Special Operation Medal” for the year 2022 - have been awarded for four Special Operations.
- ✓ A total of 63 police officers in different ranks from Constable to Additional Director General of Police have been awarded the ‘Union Home Minister’s Special Operation Medal-2022’ on Sardar Patel’s birth anniversary.
- ✓ All the winners were part of special operations conducted on different occasions in areas of terrorism, border action, arms control, prevention of narcotics smuggling and rescue operations.

➤ **Chevalier de l’Ordre National du Mérite**

- ✓ Carnatic vocalist Aruna Sairam - will be conferred with the Chevalier de l’Ordre National du Mérite, the Knight of the Order of the Merit, by the French government.
- ✓ She has been selected for her singing talent and contribution to the development of Indo-France relations.
- ✓ Aruna Sairam is recipient of several awards including the Padma Shri and Kalaimamani Award.

PERSONALITIES

➤ **Shyam Saran Negi**

- ✓ On November 2, Independent India's first voter, Shyam Saran Negi, 106, who has voted 34 times - cast the postal ballot for the first time.
- ✓ He was exercising his franchise for the November 12 Himachal Pradesh assembly polls at his residence in Kalpa in Kinnaur district.
- ✓ Born in July 1917, Negi voted for the first time on October 23, 1951 in the general elections of India and has voted for sixteen times in Lok Sabha Elections. India's first election was held in February 1952, but the voting for remote, tribal areas in Himachal Pradesh was held five months in advance.

➤ **Azha. Valliappa**

On November 7, Prime Minister Narendra Modi - paid tributes to Azha. Valliappa on his 100th birth anniversary

- ✓ Popularly called Kuzhanthai Kavignar, Azha. Valliappa is a famous Tamil writer known for his literary work for children.
- ✓ Born in Rayavaram in Pudukottai district, Azha. Valliappa (November 7, 1922 - March 16, 1989) was a prominent children's poet, who started writing poems from the age of 13.
- ✓ He is hailed as the father of Tamil children's literature and has authored over a 1,000 poems and more than 55 books.

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **Kalanamak Rice**

- ✓ Kalanamak rice is now small, strong.
- ✓ Indian Agriculture Research Institute has successfully tested two new dwarf varieties in Uttar Pradesh that give double the yield.
- ✓ Kalanamak, a traditional variety of paddy with black husk and strong fragrance, which is considered a gift from Lord Buddha to the people of Sravasti when he visited the region after enlightenment, is all set to get a new look and name.

➤ **Amur Falcons**

- ✓ Going beyond Amur falcons: Nagaland to celebrate avian diversity, undertake census.
- ✓ Nagaland is undertaking the first avian documentation exercise going beyond the Amur falcons, the migratory raptor that put the State on the world birding map.
- ✓ The four-day Tokhü Emong Bird Count (TEBC) from Friday has been timed with the post-harvest Tokhü Emong festival of the Lothas, the Naga community that dominates Wokha district, arguably the most preferred stopover of the Amur falcons while travelling from east Asia to southern Africa.

➤ **DMH-11**

- ✓ The new hybrid variant of mustard.
- ✓ The Genetic Engineering Appraisal Committee (GEAC), India's apex regulator of genetically modified plants and food products, has approved the environmental release of Dhara Mustard Hybrid-11 (DMH-11).

➤ **Overhauser Magnetometer (OVH)**

- ✓ Researchers from Mumbai-based Indian Institute of Geomagnetism - have developed the country's first Overhauser Magnetometer (OVH).
- ✓ The new sensor is installed at the Alibaug Magnetic Observatory, which is the country's first geomagnetic observatory.
- ✓ Overhauser Magnetometer is a key instrument used for carrying out magnetic field surveys for obtaining continuous geomagnetic field measurements.

➤ **Falcon Heavy**

- ✓ Elon Musk's SpaceX - has launched Falcon Heavy, the world's most powerful active rocket, into space.
- ✓ On November 1, Falcon Heavy lifted off from NASA's Kennedy Space Center in Florida carrying two satellites.

- ✓ The mission was to launch the TETRA-1 military micro-satellite prototype, which has been built by Millennium Space Systems.
- **Lunar Eclipse**
 - ✓ On November 8, India - witnessed a total lunar eclipse for the second time this year, following the earlier one in mid May.
 - ✓ This will be the last total lunar eclipse visible from India until March 14, 2025
 - ✓ A total lunar eclipse happens when the Earth gets between the Sun and the Moon and the shadow of the Earth covers the entire Moon.
 - ✓ While a lunar eclipse is generally preceded by a solar eclipse, total lunar eclipses occur approximately once every 1.5 years on average.
- **Apis karinjodian**
 - ✓ A new species of the honeybee has been discovered in the Western Ghats. The new species has been named 'Apis karinjodian'; the common name is the Indian black honeybee.
 - ✓ After a gap of more than 200 years, a new species of the honeybee has been found in the Western Ghats.
 - ✓ Apis karinjodian has been categorized as "Near threatened (NT)" in IUCN Red List. Now, after this discovery, the total number of honeybees species in the world has reached to 11.
- **Skyroot Aerospace**
 - ✓ Space technology startup Skyroot Aerospace - is set to make history by sending India's first privately developed rocket - Vikram-S - into space between November 12 and 16.
 - ✓ Skyroot's maiden mission, "Prarambh (the beginning)", will carry three customer payloads and will be launched from Sriharikota.
 - ✓ With this mission, Skyroot Aerospace is set to become the first private space company in India to launch a rocket into space.
- **Pseudohelice annamalai**
 - ✓ Researchers - have discovered a new species of estuarine crab at the mangroves of Parangipettai near the Vellar River estuary in Cuddalore district.
 - ✓ It is named 'Pseudohelice annamalai' in recognition of Annamalai University's 100 years of service in education and research.
 - ✓ This latest discovery was credited to scientists based at Centre of Advanced Studies (CAS) in Marine Biology, a department of Annamalai University, who were also joined by researchers of National Chung Hsing Univeristy, Taiwan.

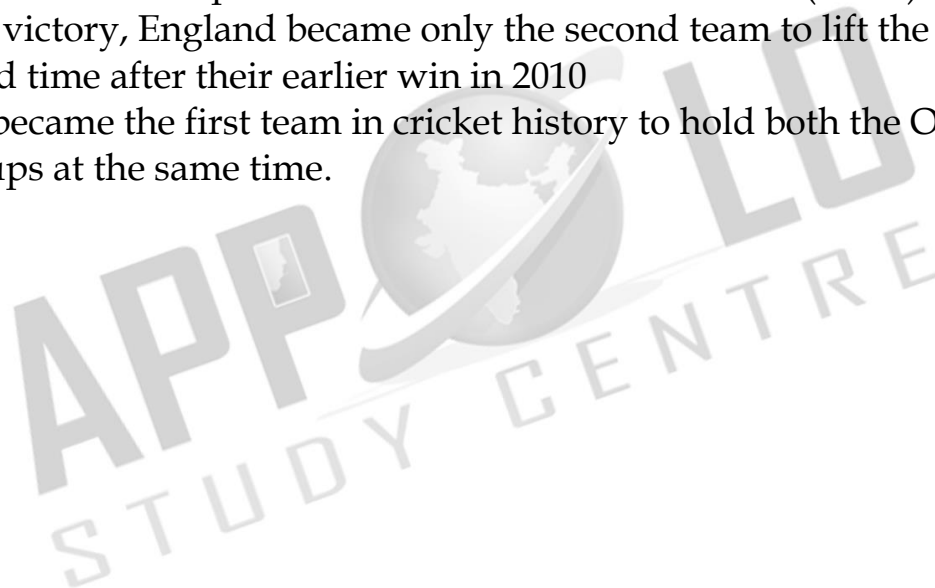
- ✓ While crabs can survive in different kinds of marine ecosystems, be it oceans, seas, rivers, or lakes, this one has been categorised as an estuarine crab, as it was found near an estuary.



SPORTS

- **Asian Squash Team Championships**
- ✓ In Squash, Indian men's team clinched their first-ever gold at the Asian Squash Team Championships, on 4 November 2022.
- ✓ They defeated Kuwait in the final in straight sets in Cheongju, South Korea.
- ✓ It is the biggest win of Indian Men's Team since they won 2014 Asian Games Gold.

- **ICC T20 World Cup**
- ✓ On November 13, England - defeated Pakistan by 5 wickets to lift the trophy of the ICC T20 World Cup at the Melbourne Cricket Ground (MCG) in Australia.
- ✓ With this victory, England became only the second team to lift the World Cup for the second time after their earlier win in 2010
- ✓ England became the first team in cricket history to hold both the ODI and T20 World Cups at the same time.



OBITUARY

➤ **Jamshed J Irani**

- ✓ Jamshed J Irani, known as the steel man of India, died in Jamshedpur.
- ✓ He was the recipient of the Lifetime Achievement Award by the Govt in 2008 as acknowledgement to his services in the area of metallurgy.
- ✓ He led Tata Steel from the forefront during India's economic liberalisation in the early 1990's and contributed to the growth and development of the steel industry in India.

➤ **Ela Bhatt**

- ✓ Women's rights activist & SEWA founder Ela Bhatt passes away.
- ✓ Renowned women rights activist and founder of the Self Employed Women's Association (SEWA) Ela Bhatt passed away on 2 Nov 2022.
- ✓ Founded by Bhatt in 1972, SEWA is one of the largest cooperatives working for women, with a base of over two million members from around 18 States.
- ✓ She was conferred Padma Shri in 1985 & the Padma Bhushan in 1986.

➤ **Shyam Saran Negi**

- ✓ India's first voter Shyam Saran Negi died on Saturday, November 5, 2022 at his residence in Himachal Pradesh's Kinnaur.
- ✓ He was 106.
- ✓ Believed to be the first voter in the 1952 General Election, Negi was born on July 1, 1917 and retired as a schoolteacher, as per official records.

REPORT

➤ **State of the Global Climate Report 2022**

- ✓ On November 6, the World Meteorological Department (WMO) – released the ‘State of the Global Climate report 2022’ at the UNFCCC's 27th Conference of Parties (COP27) held in Sharm el-Shaikh, Egypt.
- ✓ As per the report titled ‘WMO Provisional State of the Global Climate 2022’, global mean temperatures for the year 2022 are currently estimated to be about 1.15 degree Celsius higher than pre-industrial times.
- ✓ According to the WMO, the year 2022 will still likely to end up being the fifth or sixth warmest year on record, since 1850.
- ✓ The estimate for 2022 is part of the provisional State of Global Climate Report that the WMO publishes every year, while the final report for this year is due only in April next year.
- ✓ The report also pointed out that the concentrations of three main greenhouse gases, carbon dioxide (CO₂), methane (CH₄) and Nitrous oxide (NO₂), were all at record highs in 2021.
- ✓ According to the report, the rate of sea level rise has doubled since 1993 and has risen by nearly 10 mm since January 2020 to a new record high this year.

➤ **Global Carbon Project Report**

- ✓ Global carbon emissions in 2022 - remain at record levels with no signs of reduction, as per the Global Carbon Project report.
- ✓ The report predicted that if the current emissions levels persist, there is now a 50% chance that global warming of 1.5°C will be exceeded in nine years.
- ✓ Among major countries, emissions are projected to fall in China (0.9%) and the EU (0.8%), while it is projected to increase in the US (1.5%) and India (6%) this year compared to 2021.
- ✓ India per capita emission, however, continues to be quite low as compared to other current big emitters such as US, China and EU27.
- ✓ The new report projects total global CO₂ emissions of 40.6 billion tonnes (GtCO₂) in 2022 which is close to the 40.9 GtCO₂ in 2019, which is the highest annual total ever.
- ✓ Projected emissions from coal and oil are above their 2021 levels, with oil being the largest contributor to total emissions growth.

➤ **World Population Prospects 2022**

- ✓ The world’s population - will cross 8 billion on November 15, according to the World Population Prospects 2022.

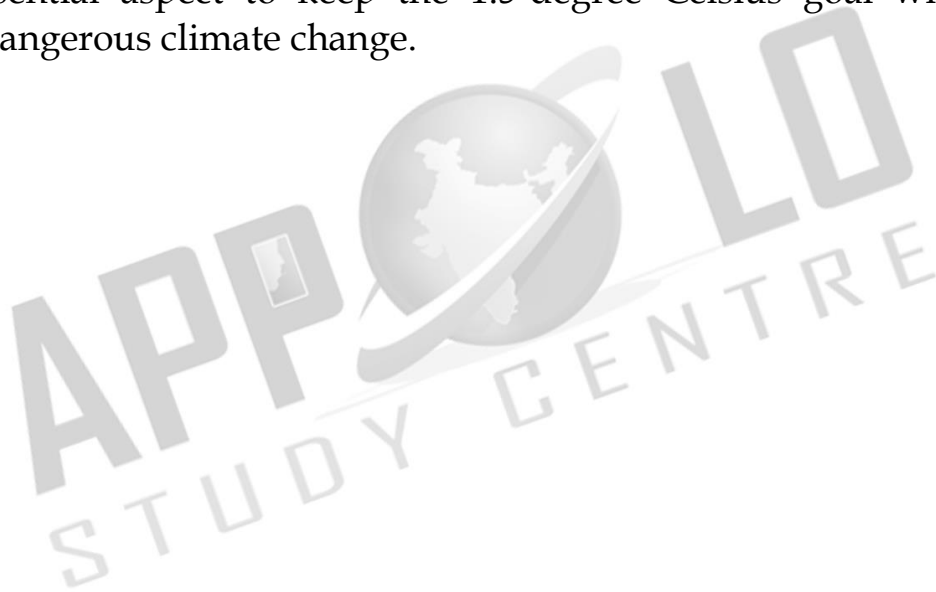
- ✓ Globally, the 8 billion population milestone represents 1 billion people added to the planet in just the last 11 years.
- ✓ It would take approximately another 15 years – or until 2037 – for the population to reach nine billion
- ✓ Projections by the United Nations suggest that the global population could grow to around 8.5 billion in 2030, 9.7 billion in 2050 and 10.4 billion in 2100
- ✓ Since 2011, India added about 180 million people, and is set to surpass China as the world's most populous nation next year.
- ✓ India's population stands at 1.412 billion in 2022, compared with China's 1.426 billion. India is projected to have a population of 1.668 billion in 2050, way ahead of China's 1.317 billion people by the middle of the century.
- ✓ China and India together accounted for over 1.4 billion people, or over 17% of the global population.



RANKING

➤ **Climate Change Performance Index (CCPI)**

- ✓ India - climbed two spots to rank eighth out of 63 in the Climate Change Performance Index (CCPI) 2023, due to low emissions and the increasing use of renewable energy.
- ✓ The report was published on November 14 by three environmental non-governmental organisations that track climate performance of the European Union and other countries.
- ✓ The rankings are released every year by German watch, New Climate Institute and the Climate Action Network at the UN Climate Change Conference.
- ✓ They focus on how well the countries are doing to halve their emissions by 2030 – an essential aspect to keep the 1.5-degree Celsius goal within reach and prevent dangerous climate change.



IMPORTANT DAYS

➤ **World Vegan Day - November 01**

- ✓ World Vegan Day is celebrated every year on November 1 to encourage people to follow the vegan lifestyle and spread awareness about veganism.
- ✓ The day is dedicated to the practice of abstaining from use of animal products and exploitation of animals.
- ✓ According to World Vegan Day, this year's theme will be based on the animal rights-focused campaign 'Future Normal'.

➤ **State formation day - November 01**

- ✓ In India, seven states and two union territories are celebrating Foundation Day on November 1, 2022.
- ✓ They are, Andhra Pradesh, Haryana, Chhattisgarh, Kerala, Karnataka, Punjab & Madhya Pradesh, Lakshadweep & Puducherry.
- ✓ Earlier, Tamil Nadu also used to celebrate its foundation day on November 1. Now the Formation Day in Tamilnadu will be celebrated on July 18.

➤ **Zojila Day - November 01**

- ✓ Zojila Day was observed at the Zojila War Memorial near Drass. The day was observed to honour the bravery displayed by Indian troops during "Operation Bison" in 1948.
- ✓ Operation Bison was launched from the icy heights of the Zojila pass, the entrance to Ladakh.
- ✓ Zojila Pass is located in Union territory of Ladakh, Kargil district. It is a high mountain pass in the Himalayas.

➤ **International Day to End Impunity for Crimes against Journalists - November 02**

- ✓ The International Day to End Impunity for Crimes against Journalists is observed annually on 2 November.
- ✓ Purpose: to prevent all attacks and violence against journalists and media workers
- ✓ Theme "Protecting Media to Protect Democracy".
- ✓ This year's slogan is Knowing the "Truth is Protecting the Truth".

➤ **World Tsunami Awareness Day - November 05**

✓ Every year on 5th November, World Tsunami Awareness Day is celebrated around the world to raise awareness about tsunamis.

✓ This day was established by the UN in 2015.

A tsunami is a series of huge waves created underwater by a disturbance which is referred to as earthquakes below the ocean.

➤ **Infant Protection Day: November 07**

✓ The Infant Protection Day is observed annually on November 7th.

✓ This day is celebrated to spread awareness about the measures to be taken to save the lives of infants and provide sufficient protection and care.

✓ The infant mortality rate in India in 2022 is 27.695 deaths per 1000 live births.

➤ **National Cancer Awareness Day: November 07**

✓ November 7th is observed annually as National Cancer Awareness Day in India to raise awareness about cancer.

✓ It was first announced in 2014 by the Government, with Nov 7 chosen for the occasion to coincide with the birth anniversary of Nobel laureate Marie Curie.

✓ Marie Curie's works led to the development of radiotherapy to treat cancer.

✓ National Cancer Control Programme was started in India in 1975.

➤ **World Radiography Day 2022**

✓ Every year on November 8, World Radiography Day is observed to honour the discovery of X-radiation, also known as X-rays. This day in 1895 saw the completion of German scientist Wilhelm Conrad Rontgen's discovery of X-radiation, or X-rays.

✓ The theme of International Day of Radiology 2022 is "Radiographers at the Forefront of Patient Safety."

➤ **Infant Protection Day 2022**

✓ Every year, November 7 is celebrated as Infant Protection Day. This day is celebrated with the sole purpose of raising awareness about the safety of newborn lives and giving them proper care.

✓ The day has been set to discuss how to best safeguard and nurture young children at one of their most important and vulnerable developmental stages.

➤ **National Legal Services Day**

✓ National Legal Services Day is marked every year on 9th November to celebrate the commencement of the Legal Services Authorities Act, 1987 which came into force on this very day in 1995.

- ✓ This day was established with a mandate to offer support and help to weaker sections of society including Scheduled Tribes, Scheduled Castes, women, disabled persons, natural calamities victims, and human trafficking victims.
- **World Science Day for Peace and Development - November 10**
- ✓ World Science Day for Peace and Development was proclaimed by the UN Educational, Scientific and UNESCO in 2001 under the UNESCO 31 C/Resolution 20. It is celebrated every year on November 10, around the globe, marking the significance of science in society.
- ✓ This year's theme for World Science Day for Peace and Development is "Basic Sciences for Sustainable Development".
- **World Usability Day: November 10**
- ✓ Every year, the second Thursday of November is internationally observed as World Usability Day.
- ✓ In 2022, It is being celebrated on 10th November.
- ✓ Aim: to bring a variety of communities together which can work in making this world an easier place to live.
- ✓ It is also known as Make Things Easier Day.
- ✓ It was established in 2005 by the Usability Professionals Association.
2022 Theme: "Our Health".
- **National Education Day: November 11**
- ✓ In India, National Education Day is celebrated every year on November 11 as it marks the birth anniversary of Maulana Abul Kalam Azad, who was India's first education minister after independence.
- ✓ He was awarded Bharat Ratna posthumously, India's highest civilian honour in 1992.
- ✓ The theme for National Education Day 2022 is "Changing Course, Transforming Education."
- **World Pneumonia Day - November 12**
- ✓ World Pneumonia Day is a global event observed every year on 12 November to spread awareness and educate people to combat Pneumonia disease, which is a world's biggest infectious killer of adults and children.
- ✓ This year 2022, World Pneumonia Day theme is based on the Worldwide Pneumonia Awareness Campaign - "Pneumolight 2022", with a theme and slogan "Pneumonia Affects Everyone".

- **Public Service Broadcasting Day - November 12**
 - ✓ Public Service Broadcasting Day was observed on 12 November 2022.
 - ✓ The day is celebrated every year to commemorate the only visit of Mahatma Gandhi to the studio of All India Radio, Delhi in 1947.
 - ✓ The Father of the Nation addressed the displaced people, who had temporarily settled at Kurukshetra in Haryana after partition.

- **World Kindness Day - November 13**
 - ✓ World Kindness Day is celebrated on November 13 every year. The day inspires people to appreciate the kindness and positive power in society. Kindness has no constraints and goes far beyond the feelings of race, religion, politics, and gender.
 - ✓ This year the day is being celebrated with the theme 'Be kind whenever possible.'

- **World Diabetes Day - November 14**
 - ✓ The Day is observed every year to raise awareness about the risks diabetes poses to the health, its implications and the ways to prevent it.
 - ✓ The day, November 14th was chosen to celebrate the birthday of Sir Frederick Banting who discovered insulin with Charles Best in 1922.
 - ✓ The theme of World Diabetes Day between the years 2021 and 2023 is "Access to Diabetes Care."

- **Children's Day - November 14**
 - ✓ India celebrates Children's Day on November 14 to commemorate the birth anniversary of the first Prime Minister of India Pandit Jawaharlal Nehru. This year marks the 133rd birth anniversary of Pandit Nehru who was born in 1889 in Allahabad, India.
 - ✓ Nehru was a great advocate for children's right and for an all-inclusive education system where knowledge is accessible to all.
 - ✓ Children's Day is also known as 'Bal Diwas' in India.

- **International Day for Tolerance - November 16**
 - ✓ International Day for Tolerance is observed on November 16 every year with an aim to build tolerance among diverse cultures and spread the message that tolerance is an integral part of society.
 - ✓ The day is specifically recognized to educate people about the harmful consequences of intolerant society and its impact on the nation.

➤ **National Press Day - November 16**

- ✓ National Press Day is observed on November 16 every year to acknowledge and honour the Press Council of India (PCI). The day marks the presence of an independent and responsible press in the country.
- ✓ The Press Council of India also examines the quality of reportage of the Indian press and keeps a check on journalistic activities.

