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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

Sl.No	TOPICS	Pg.No
1	Tamil Nadu	3
2	State	10
3	National	13
4	International	19
5	India and other countries	20
6	Schemes	21
7	Conferences & Summits	22
8	Defence	25
9	Appointments	28
10	Awards	30
11	Personalities	34
12	Books and Authors	34
14	Economy	35
15	Science, Technology & Environment	36
16	Sports	40
17	Obituary	43
18	Report	44
19	Ranking	46
20	Important Days	49

TAMIL NADU

➤ **Model Schools**

- ✓ The Greater Chennai Corporation - has planned to set up model schools to equip students to face competitive entrance exams of premier educational institutions in the country such as IITs.
- ✓ The idea of model schools is said to be the brainchild of principal secretary to chief minister T Udhayachandran.
- ✓ To begin with, the corporation school in Nungambakkam will be upgraded as a model with necessary facilities and labs to train students in biology, physics, chemistry and maths.

➤ **PE-VC Companies**

- ✓ PE-VC companies invest \$156 mn in T.N. firms in 3rd quarter.
- ✓ Private equity and venture capital companies invested \$156 million across 10 deals in Tamil Nadu-based companies during the third quarter of 2022.

➤ **Konthagai Excavation Site**

- ✓ An iron sword measuring 40 cm in length, the longest sword found so far, was unearthed at Konthagai, which is a part of the Keeladi cluster near Madurai, on Thursday.

➤ **Jal Jeevan Mission - TN**

- ✓ Tamil Nadu - has emerged topper in the country in its performance under Union government's Jal Jeevan Mission.
- ✓ The Jal Jeevan mission aims to provide safe and adequate drinking water to all rural households.
- ✓ On October 2, state municipal administration minister K N Nehru and the department secretary Shiv Das Meena received the first prize in the functionality assessment for 2021-22 from President Droupadi Murmu at a function in Delhi.
- ✓ The state bagged the award in the category of states that have provided individual drinking water pipelines to less than 60 % of the households.

➤ **National Cooperative Consumers' Federation (NCCF)**

- ✓ A new player in paddy procurement in non-delta region is gaining farmers' attention.
- ✓ The presence of relatively a new player in paddy procurement in Tamil Nadu is gaining the attention of farmers.

- ✓ For the 2022-23 procurement year (the Kharif marketing season), which began this year in September, the National Cooperative Consumers' Federation (NCCF), a body under the jurisdiction of the Department of Consumer Affairs at the Centre, has procured about 10.3% of paddy.

- **India's First 4.20-MW Wind Turbine Generator**
- ✓ India's first 4.20-MW wind turbine generator ready for commissioning.
- ✓ The single unit with the largest wind power generation capacity has been installed at Vadalivilai near Valliyoor in Tirunelveli district by Brazil-based WEG at a cost of 88 crore.
- ✓ The country's first 4.20-MW wind turbine generator, a single unit with the largest wind power generation capacity, has been installed at Vadalivilai near Valliyoor in Tirunelveli district.

- **Tamil Nadu Prohibition of Online Gambling and Regulation of Online Games Ordinance, 2022**
- ✓ Tamil Nadu government - has promulgated an ordinance banning online gambling and playing of online games of chance, rummy and poker with money or other stakes.
- ✓ Tamil Nadu governor R N Ravi gave assent to the ordinance on October 1, the day when the government forwarded the draft approved by the cabinet last month.
- ✓ Following his nod, the Tamil Nadu Prohibition of Online Gambling and Regulation of Online Games Ordinance, 2022 came into effect.

- **Daksha Unmanned Systems Private Limited**
- ✓ The Director-General of Civil Aviation (DGCA) - has approved the country's first petrol-operated drones designed and manufactured by the students' start-up unit 'Daksha Unmanned Systems Private Limited'.
- ✓ Daksha is developed by the MIT aerospace department initiated by the aerospace research students.
Daksha is setting up an exclusive manufacturing unit of these drones at Ambattur.

- **Parambikulam-Aliyar Project (PAP)**
- ✓ Celebrations on Oct. 7 every year to mark launch of water project.

- ✓ Chief Minister M.K. Stalin has announced that October 7, which marks the launch of the Parambikulam-Aliyar Project (PAP), will be celebrated every year to help create awareness on water resources, water management and the need for creating the necessary infrastructure.
- **Liquefied Compressed Natural Gas (LCNG)**
 - ✓ CM launches first-of-its-kind liquefied compressed natural gas station in State.
 - ✓ Chief Minister M.K. Stalin on Monday inaugurated AG&P Pratham's liquefied compressed natural gas (LCNG) station near Manthangal village at Walajah Taluk in Ranipet district.
- **Mobility Park**
 - ✓ SIPCOT signs MoU with British High Commission on mobility park.
 - ✓ A Memorandum of Understanding (MoU) was signed between the State Industries Promotion Corporation of Tamil Nadu Ltd. (SIPCOT) and the British Deputy High Commission in Chennai on Monday to provide technical assistance on developing a master plan for a Future Mobility Park at Shoolagiri in Krishnagiri district.
- **Pradhan Mantri Matsya Sampada Yojana (PMMSY)**
 - ✓ The Central Marine Fisheries Research Institute (CMFRI), Mandapam - has released 1.2 million green tiger shrimp seeds into the sea at Maraikayarpattinam in the Gulf of Mannar on October 11.
 - ✓ This is done as part of the sea ranching programme under the Pradhan Mantri Matsya Sampada Yojana (PMMSY).
 - ✓ A total of 19.44 million green tiger shrimp seeds were sea ranched in Palk Bay and Gulf of Mannar since the inception of the project in February this year.
- **Organ Donations**
 - ✓ Organ donations in State surpass 2021 figures within 10 months this year.
 - ✓ Within 10 months, the number of organ donations has exceeded the previous year's figures in Tamil Nadu.
 - ✓ From 60 deceased donors in 2021, the State has registered 115 donors so far this year, with August having the highest number of donations – 21 – in the last four years.
- **Slender Loris**
 - ✓ The Tamil Nadu government - has notified the first Indian sanctuary for the endangered Slender Loris in Karur and Dindigul districts.

- ✓ The announcement came after the approval of Chief Minister MK Stalin on October 12.
- ✓ A total of 11,806 hectares in the forest areas of the Karur and Dindigul districts will be merged to form the 'Kadavur Slender Loris Sanctuary'.

- **Greenfield Universities**
- ✓ The Tamil Nadu government - has approved the setting up of six Greenfield Universities in the state, which can offer any course and fix their own fees.
- ✓ This was announced by the higher education minister K Ponmudy on October 12.
- ✓ The greenfield university is a private university established under the Tamil Nadu Private Universities Act, 2019.
- ✓ A trust with 100 acres of land and Rs.50 crore deposit can apply to the government for establishing a Greenfield University.

- **Oonjal, Thensittu, and Kanavu Aasiriyar Magazines**
- ✓ CM releases magazines for government school students and teachers.
- ✓ Chief Minister M.K. Stalin on Wednesday released 'Oonjal', 'Thensittu' and 'Kanavu Aasiriyar' magazines from the School Education Department for encouraging the habit of reading and writing in Tamil and English among school students and teachers.
- ✓ 'Oonjal' and 'Thensittu', both bimonthly magazines, are for students in Class IV and V and those in Classes VI-IX respectively, while 'Kanavu Aasiriyar' monthly magazine is for teachers.

- **New Space Launch Port - Kulasekarapattinam**
- ✓ The land acquisition for a new space launch port at Kulasekarapattinam in Tamil Nadu - has been completed and work is commencing to build a state-of-the-art space launch port there.
- ✓ The new launch pad will help Indian Space Research Organization (SRO) save significant amounts of fuel and also act as a dedicated space for launching Small Satellite Launch Vehicles (SSLV).
- ✓ Once completed, Kulasekarapattinam will be the country's second spaceport after Sriharikota in Andhra Pradesh.

- **Central Institute of Classical Tamil (CICT)**
- ✓ Central Institute of Classical Tamil (CICT) - is planning to bring out 46 ancient Tamil epics including Silappatikaram, Manimekalai, Tolkappiyam and Natrinai in Braille script.
- ✓ The institute is planning to bring the Braille version by December 2022 and give it to the visually challenged students for free of cost.

- ✓ All these volumes will contain Tamil text and simple interpretations of poems.
- **Tamil Nadu's State-level Committee for Vulture Conservation**
 - ✓ The Tamil Nadu Government launched a State-Level Committee for Vulture Conservation (SLCVC) for coordination within the government for the implementation of the Action Plan for Vulture Conservation (APVC) 2020-2025.
 - ✓ The formation of the State-Level Committee for Vulture Conservation (SLCVC) was proposed by the national action for the protection of vultures in India, which witnessed a 96 per cent decline between 1993 and 2003.
 - ✓ In line with this proposal, the Tamil Nadu government has set up the SLCVC to create an institutional framework for the conservation of vultures in the state.
- **Pradhan Mantri Awas Yojana-Urban (PMAY-U) Scheme**
 - ✓ Tamil Nadu - has been ranked the third best performing state in implementing the Pradhan Mantri Awas Yojana-Urban (PMAY-U) scheme that is aimed at providing housing for all in urban cities.
 - ✓ Uttar Pradesh and Madhya Pradesh bagged the top two places under the scheme.
 - ✓ Madurai Corporation won the third place among the corporations.
- **roadEase**
 - ✓ The Greater Chennai Traffic Police (GCTP) – have launched a new mobile app to provide real-time updates on traffic, estimated travel times and alternative routes in Chennai.
 - ✓ Police commissioner Shankar Jiwal launched the new app 'roadEase' at the police commissionerate in Veperiy on October 20 in association with Lepton, which developed the app.
 - ✓ The app will help people get speedy updates in Google maps in identifying areas with traffic congestion, road closure, accidents, agitations or incomplete civic works, and plan their journey accordingly.
- **Kashi Tamil Sangamam**
 - ✓ IIT-Madras - has been selected to be knowledge partner for the Kashi Tamil Sangamam.
 - ✓ The event is to be held in Varasani from November 16 to December 20.
 - ✓ The Kashi Tamil Sangamam is an initiative of the Union government with an objective to highlight the deep academic, economic, social and cultural relationships between Kashi, also known as Varanasi, and Tamil Nadu
 - ✓ The meet will host people from the fields of art, literature, spirituality and education from Tamil Nadu.

➤ **T.N. Forms Council on Climate Change**

- ✓ The Tamil Nadu government has decided to establish the Tamil Nadu Governing Council on Climate Change, with Chief Minister M.K. Stalin as its head.
- ✓ Supriya Sahu, Secretary of the Department of Environment, Climate Change and Forests, said the State government was spearheading path-breaking initiatives in climate change and it had set up three key missions – Tamil Nadu Green Mission, Tamil Nadu Climate Change Mission and Tamil Nadu Wetlands Mission.
- ✓ It had also set up a special purpose vehicle, known as the Tamil Nadu Green Climate Company (TNGCC), to steer climate action effectively.

➤ **European Market via Czech Republic**

- ✓ Soon, a memorandum of understanding (MoU) will be finalised to help start-ups in Tamil Nadu access Europe through the Czech Republic, said Ar Rm Arun, president, Southern India Chamber of Commerce and Industry (SICCI), on Saturday.
- ✓ SICCI, in association with the Tamil Nadu government earlier this month, took a high-powered business delegation of 33 members to The Czech Republic. The delegation was led by T.M. Anbarasan, Minister for MSMEs. Arun Roy, Principal Secretary, MSME Department, led a three-member IAS team.

➤ **Manjal Maanagaram**

- ✓ 'Manjal Maanagaram' is the second largest turmeric market in India.
- ✓ Think of turmeric, and the first thing that would come to the mind in this part of the country is the bright yellow coloured Erode Manjal (turmeric).
- ✓ Erode is the second largest turmeric market in India, next to Nizamabad in Telangana. The city is nicknamed 'Manjal Maanagaram' (turmeric city).

➤ **GI tag**

- ✓ India is the largest producer, consumer and exporter of turmeric and Erode accounts for over 40% of the total sales in the country.
- ✓ The Erode turmeric obtained the Geographical Indication (GI) tag from the Geographical Indication Registry in 2019 and accounts for 70%-75% of the turmeric grown in Erode and Coimbatore districts.

➤ **Mental Health Helpline 14416**

- ✓ Health Minister Ma. Subramanian launched a helpline for tele-mental health assistance on Thursday. The round-the-clock service, Tele-MANAS, can be accessed by calling 14416.

- ✓ The initiative, Nattpudan Ungalodu Mananala Sevai, was aimed at providing mental health assistance through a tele-platform round-the-clock. Counselling services and video consultations with psychiatrists will be available through the service.
- **Tamil Nadu Textbook and Educational Services Corporation (TNTEESC)**
- ✓ For the first time, the Tamil Nadu Textbook and Educational Services Corporation (TNTEESC) - to introduce medical textbooks in Tamil for the MBBS students joining college this year.
- ✓ A total of four textbooks have been translated by the Corporation and will be released before December.
- ✓ The move is aimed at giving better conceptual clarity and understanding of the subject for Tamil medium students.
- ✓ Overall, the TNTEESC is planning to bring out 25 medical textbooks in Tamil.
- **First Ever Virtual Reality Library**
- ✓ On October 29, school education minister Anbil Mahesh Poyyamozi - inaugurated the first ever virtual reality library in a government branch library at Lalgudi in Trichy district.
- ✓ Earlier, Chief Minister M K Stalin had announced in the assembly the decision to set up virtual reality libraries in 76 libraries across the state that would benefit around one lakh students every year.
- ✓ A virtual reality library presents a whole new experience of learning a subject in a 360-degree angle for easy grasping.

STATE

➤ **Right to Freedom of Religion Bill**

- ✓ On September 30, the Karnataka government - enacted the Karnataka Protection of Right to Freedom of Religion Bill, 2021.
- ✓ The government had tabled the bill in the legislative assembly in the winter session in Belagavi last year.
- ✓ But the controversial bill was passed in the legislative council only last month during the monsoon session, since the BJP did not have a majority in the Upper House.

➤ **World Green City Award 2022'**

- ✓ Telangana's Hyderabad city won the overall 'World Green City Award 2022' at the International Association of Horticulture Producers (AIPH) World Green City Awards 2022 held in Jeju, South Korea on 14th Oct 2022.
- ✓ It also won the 'Living Green for Economic Recovery and Inclusive Growth' award.
- ✓ Hyderabad beat cities like Paris, Mexico City, Montreal & Fortaleza to be adjudged the winner.

➤ **Ranipur Wildlife Sanctuary (RWS)**

- ✓ The Uttar Pradesh (UP) cabinet - approved the notification of the state's fourth tiger reserve in the Ranipur Wildlife Sanctuary (RWS) in Chitrakoot district under the Wild life (Protection) Act of 1972.
- ✓ The Ranipur Tiger Reserve will be the fourth in UP, after Dudhwa, Pilibhit and Amangarh (buffer of Corbett Tiger Reserve).
- ✓ It will also be the first in the state's portion of the Bundelkhand region, which it shares with neighbouring Madhya Pradesh.

➤ **Encyclopedia of Tribes in Odisha**

- ✓ Odisha - became the first state in the country to release an encyclopaedia on tribal communities and document their historic and unique traditions.
- ✓ The 'Encyclopedia of Tribes in Odisha' was released by Odisha Chief Minister Naveen Patnaik.
- ✓ The five volumes of encyclopaedia were published by Scheduled Castes and Scheduled Tribes Research and Training Institute (SCSTRI) and Odisha State Tribal Museum.

➤ **Swachh Survekshan Gramin, 2022 Award**

- ✓ Telangana scoops Swachh Survekshan Gramin, 2022 award.
- ✓ Telangana was ranked first for the cleanliness of its villages in the Swachh Survekshan Gramin (SSG), 2022, which looked into the sanitation status of rural areas.
- ✓ After Telangana, Haryana was placed second followed by Tamil Nadu in the Large States category.

➤ **Trees outside forests in India - TOFI**

- ✓ The “trees outside forests in India (TOFI)” programme was jointly launched by the state government of Assam and the US Agency for International Development (USAID).
- ✓ The Trees Outside Forests in India programme is expected to enhance carbon sequestration, support local communities, and strengthen the climate resilience of agriculture, thereby supporting global climate change mitigation and adaptation goals.
- ✓ It aims to rope in private entities to promote and scale traditional practice of agroforestry in the state.

➤ **Jal Jeevan Mission - Gujarat**

- ✓ Under Jal Jeevan Mission, Gujarat became the state to supply water to 100% of households through taps. Gujarat has been declared a 'Har Ghar Jal' state.
- ✓ Safe drinking water is being provided through taps to all households in the rural areas of the state. According to government data, tap connections have reached 91 lakh 73 thousand 378 houses in the state.
- ✓ Gujarat is the third largest state in the country after Haryana and Telangana that has been declared as the state to complete the Jal Jeevan Mission.

➤ **SAFAL**

- ✓ The Odisha Chief Minister Naveen Patnaik - launched a common credit portal 'SAFAL' for farmers recently on October 27.
- ✓ SAFAL refers to 'Simplified Application For Agricultural Loans' and it is the country's first online agricultural credit facilitation portal.
- ✓ The online credit facility will allow farmers and agri-entrepreneurs to gain access to over 300 term loan products from more than 40 partner banks.

➤ **Durgavati Tiger Reserve**

- ✓ The Madhya Pradesh Wildlife Board - has recently approved the establishment of a new tiger reserve called Durgavati Tiger Reserve.

- ✓ The tigers of Panna Tiger Reserve will be housed in the newly created Durgavati Tiger Reserve.
- ✓ This has been necessitated as about a quarter of Panna Tiger Reserve is set to be submerged because of the linking of the Ken and Betwa rivers.
- ✓ The new reserve will span across 2,339 square kilometres, covering Narisinghpur, Damoh and Sagar districts of Madhya Pradesh.



NATIONAL

➤ 5G Services

- ✓ On October 1, Prime Minister Narendra Modi - inaugurated the 5G services in the country at the 6th edition of annual India Mobile Congress (IMC) at Pragati Maidan in New Delhi.
- ✓ The 5G high-speed network boasts of minimum speeds of at least 100 mbps.
- ✓ India now joins a select set of countries - the US, Korea, UK, Japan, China, and nations across Europe - that offer 5G telephony.
- ✓ While Airtel has launched the service in eight cities, Jio will begin from Diwali and Vodafone Idea is also planning to launch soon.

➤ Make in India

- ✓ The Government's flagship programme 'Make in India' - completed eight-years on September 25, 2022.
- ✓ The initiative seeks to promote investment, encourage innovation, improve skill development, and create the best manufacturing infrastructure possible to encourage businesses to manufacture in India.
- ✓ The country has made significant progress in the scheme in 27 sectors, including strategic manufacturing and service sectors.

➤ Sign Learn

- ✓ The Centre - has recently launched an Indian Sign Language (ISL) dictionary mobile application called 'Sign Learn'.
- ✓ Pratima Bhoomik, minister of state for social justice and empowerment, launched the app on the eve of International Day of Sign Languages on September 23.
- ✓ The new App is based on the Indian sign language dictionary of the Indian Sign Language Research and Training Centre (ISLRTC) which contains 10,000 words.

➤ Kisan Sampark Yatra

- ✓ The Indian Agricultural Research Institute (IARI) - organised the 'Kisan Sampark Yatra' recently from September 27 to 29 in the rice growing region of Haryana and Punjab.
- ✓ The main objective of the Yatra is to get feedback on the 3 new varieties of IARI Basmati varieties - Pusa Basmati 1847, Pusa Basmati 1885 and Pusa Basmati 1886.

➤ 'herSTART' Initiative

- ✓ On October 4, President Droupadi Murmu - launched 'herSTART' initiative, aimed at supporting women-led startups in Gujarat.

- ✓ The 'herSTART' platform will boost innovation and start-up efforts of women entrepreneurs and also help them connect with various government and private enterprises.
- ✓ The initiative will include a digital platform to provide resources and training modules free of cost to aspiring women entrepreneurs, a digital community for them, and a digital publication to spread their success stories.
- **"IInvenTiv"**
 - ✓ For the first time, all the 23 Indian Institutes of Technology in the country - will come together for a mega Research and Development fair called "IInvenTiv".
 - ✓ The two-day fair will be held during October 14-15, 2022 at the Indian Institute of Technology, Delhi premises.
 - ✓ It is being organized in commemoration of the 75th year of India's Independence in line with the Azadi ka Amrit Mahotsav initiative.
- **Ambedkar Circuit**

The government - to introduce a special train for the proposed Ambedkar Circuit that covers various places associated with B.R. Ambedkar

 - ✓ The Tourism Ministry has drawn up an action plan for various circuits under its Swadesh Darshan scheme.
 - ✓ The concept of Ambedkar Circuit was first proposed in 2016.
 - ✓ It covers Madhya Pradesh's Mhow, Ambedkar's birthplace; Nagpur, where he converted to Buddhism; the residence in Delhi where he lived during his last years; and Dadar in Maharashtra, where his body was cremated.
- **Saarthak**
 - ✓ To mark UN 'International Day of Older Persons', HelpAge India - launched 'Saarthak', a community-based initiative for the mental wellbeing of elderly.
 - ✓ The initiative has been launched in collaboration with the National Institute of Mental Health and Neuro Sciences (NIMHANS) and the National Programme for Health Care of Elderly, which will provide technical support.
 - ✓ The aim of this initiative is to provide psychiatric support to senior citizens suffering from depression and dementia across the country.
- **Modhera - Solar Powered village**
 - ✓ On October 9, Prime Minister Narendra Modi - declared 'Modhera' in Gujarat as the country's first 24x7 "solar powered" village.
 - ✓ During his address, PM Modi said that Modhera will now be known as Suryagram.

- ✓ The Modhera village is located 25 km from the Mehsana district of Gujarat, and about 100 km from the state capital of Gandhinagar.
- **Betiyan Bane Kushal**
- ✓ The Ministry of Women and Child Development (MWCD) - to organize a National Conference on Skilling in Non-Traditional Livelihood (NTL) for Girls under the title “Betiyan Bane Kushal”.
- ✓ The conference will be organized under the Beti Bachao Beti Padhao (BBBP) initiative on the occasion of the International Day of the Girl Child on October 11, 2022
- ✓ The conference will focus on capacity building and skill development of girls.
- **Space Economy - 13 Billion \$ by 2025**
- ✓ India’s space economy is likely to be worth nearly \$13 billion by 2025, with the satellite launch services segment set to witness the fastest growth due to increasing private participation, according to a report released.
- ✓ India’s space economy was pegged at \$9.6 billion in 2020 and is expected to touch \$12.8 billion by 2025, according to the report titled ‘Developing the Space Ecosystem in India: Focusing on Inclusive Growth’.
- **PM-DevINE**
- ✓ On October 12, the Union cabinet - approved a new scheme – Prime Minister’s Development Initiative for North East Region (PM-DevINE) – for the remaining four years (2022-23 to 2025-26) of the 15th Finance Commission.
- ✓ This 100% Centre-funded scheme will be implemented by the ministry of development of North Eastern region (DoNER).
- ✓ It will focus on creation of infrastructure, support industries, social development projects and livelihood for youth and women.
- ✓ The infrastructure projects will be funded in line with the priorities laid down under the PM Gati Shakti program.
- **PowerEX**
- ✓ Indian Computer Emergency Response Team (CERT-In) and Power-CSIRTs (Computer Security Incident Response Teams in Power sector) - have jointly hosted a cyber-security exercise called ‘PowerEX’.
- ✓ The objective of the exercise was to “Recognize, Analyse & Respond to Cyber Incident in IT & OT Systems”
The exercise was held under the theme “Defending Cyber induced disruption in IT & OT infrastructure”.

➤ **Mission LiFE movement (Lifestyle for the Environment)**

- ✓ On October 20, Prime Minister Narendra Modi and UN Secretary General Antonio Guterres - launched Mission LiFE movement (Lifestyle for the Environment) at the Statue of Unity in Kevadia, Gujarat.
- ✓ It is a global initiative led by India to protect and preserve the environment, combat climate change and make it people's movement across the world.
- ✓ During his speech, PM Modi highlighted that reuse, reduce and recycling are part of India's traditions and culture.

➤ **Rozgar Mela**

- ✓ On October 22, Prime Minister Narendra Modi - will launch 'Rozgar Mela', a drive to recruit 10 lakh people to the government, via videoconference.
- ✓ Following the launch of the job fair event, appointment letters will be given to 75,000 newly-inducted candidates.
- ✓ The new recruits, selected from across the country, will join 38 ministries or departments of the government of India.

➤ **National Curriculum Framework (NCF)**

- ✓ On October 20, the government - unveiled the first National Curriculum Framework (NCF) for the foundational stage for children between ages three to eight, in line with the National Education Policy-2020.
- ✓ Union Minister for Education and Skill Development, Dharmendra Pradhan launched the pilot project of 'Balvatika' (pre-primary classes) at 49 Kendriya Vidyalayas across the country.
- ✓ This is the first time the children in pre-primary school, aged three years, have been brought under the formal schooling system in India.

➤ **Terai Elephant Reserve (TER)**

- ✓ The Centre - has approved the setting up of the Terai Elephant Reserve (TER) at Dudhwa-Pilibhit in Uttar Pradesh.
- ✓ The new reserve, spread over 3,049 sq km, will be India's 33rd elephant reserve and 2nd in Uttar Pradesh
- ✓ Tamil Nadu and Assam have the highest number of elephant reserves with five each in both states.

➤ **Global Heritage Stones**

- ✓ Two heritage stones from Rajasthan - have been accorded the status of global heritage stones.

- ✓ Alwar's quartzites and Jaisalmer's limestone are now in the list of ten stones worldwide designated as global heritage stones by International Union of Geological Sciences (IUGS).
- ✓ Earlier, Makrana marble was the only stone from India recognized by IUGS.

- **Asia's Largest Compressed Bio Gas (CBG)**
- ✓ Union Minister of Petroleum and Natural Gas, Hardeep Singh Puri -inaugurated Asia's largest Compressed Bio Gas (CBG) plant based on Paddy straw in Lehragaga, in Sangrur district, Punjab.
- ✓ The plant has been commissioned with a foreign direct investment of approximately Rs. 220 crore by Verbio AG, one of Germany's leading bio-energy companies.
- ✓ Punjab Chief Minister Bhagwant Mann and senior management from Verbio India Private Limited were also present at the inaugural ceremony held recently on October 18.

- **Mopa Airport**
- ✓ On October 26, the Directorate General of Civil Aviation (DGCA) - issued the aerodrome licence to Mopa Airport in Goa.
- ✓ Prime Minister Narendra Modi will inaugurate the new Greenfield airport built by GMR Group.
- ✓ GMR Goa International Airport Limited, a subsidiary of GMR Airports Limited, is developing the airport under a public-private partnership model on a design, build, finance, operate and transfer basis.

- **Eco-label - Blue Flag**
- ✓ Two new Indian beaches, Minicoy Thundi Beach and Kadmat Beach, both in Lakshadweep - were accorded the globally recognised and coveted international eco-label 'Blue Flag'.
- ✓ This takes the number of beaches certified under the Blue Flag certification in the country to 12.
- ✓ Earlier, in September 2021, Kovalam Beach in Tamil Nadu and Eden Beach in Puducherry made it to the 'Blue Flag' list.

- **C-295 Transport Aircraft**
- ✓ PM to lay foundation stone for C-295 aircraft plant in Gujarat on October 30.
- ✓ A manufacturing facility for C-295 transport aircraft will be set up at Vadodara in Gujarat by Tata Advanced Systems Ltd. (TASL) in partnership with European aviation major Airbus. Prime Minister Narendra Modi will lay the foundation stone for the plant on October 30.

- ✓ Of the 56 C-295 aircraft to be procured by India as per a 21,935-crore deal, 40 will be built at this facility. These will replace the legacy Avro aircraft in service with the Indian Air Force (IAF).
- **Intermediary Guidelines and Digital Media Ethics Code)**
- ✓ On October 28, the government - has notified the Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Amendment Rules, 2022.
- ✓ The new rules makes it mandatory for intermediaries like Twitter, Facebook, YouTube, Instagram, and other social media platforms to comply with the Constitution of India provisions and India's sovereign laws.
- ✓ According to the new rules, Grievance Appellate Committee (GAC) will be set up in three months for addressing grievances of users against social media platforms.
- **Machchhu River**
- ✓ A suspension bridge on the Machchhu river in Gujarat's Morbi district - collapsed on October 30, killing at least 133 people.
- ✓ The British-era bridge was reopened on October 26 (Gujarati New Year Day) for tourists and people after remaining shut for renovation work for seven months.
- ✓ In March this year, Morbi-based Oreva Group (Ajanta Manufacturing Pvt Ltd), which also makes e-bikes, was awarded the contract to maintain and manage the bridge by the Morbi municipality for a duration of 15 years.

INTERNATIONAL

➤ **King Charles III**

- ✓ King Charles III - will be crowned at Westminster Abbey on May 6, 2023 alongside The Queen Consort Camilla.
- ✓ King Charles III, son of the late Queen Elizabeth II, acceded to the throne after the queen passed away on September 8.
- ✓ He also took over as head of state of 14 Commonwealth countries, including Australia, Canada and New Zealand.

➤ **Legalise Cannabis**

- ✓ On October 26, Germany - has announced plans to legalise cannabis for recreational purposes.
- ✓ As promised by Chancellor Olaf Scholz, Germany aims to regulate the controlled distribution and consumption of cannabis for recreational purposes among adults.
- ✓ The legal limit for acquiring and possessing recreational cannabis would be 20 to 30 grams.
- ✓ Germany becomes the second EU country to legalise cannabis after Malta.

INDIA AND OTHER COUNTRIES

➤ **Foreign Ministers' Framework Dialogue**

- ✓ External Affairs Minister Dr S Jaishankar - held the 13th Foreign Ministers' Framework Dialogue with his Australian counterpart Penny Wong in Canberra on October 10, 2022.
- ✓ They discussed the progress of India-Australia Comprehensive Strategic Partnership, including important Ministerial visits in recent months.

➤ **India-Africa Security Fellowship Programme**

- ✓ The India-Africa Defence Dialogue (IADD) was held on the sidelines of DefExpo 2022 in Gandhinagar, Gujarat on October 18, 2022.
- ✓ During the Dialogue, a book titled 'India-Africa Defence Cooperation: Opportunities and Challenges' was released.
- ✓ A total of 50 African countries participated in this event held under the theme 'Adopting Strategy for Synergizing and Strengthening Defence and Security Cooperation'.

➤ **Nihonshu**

- ✓ The Embassy of Japan - has filed an application seeking a Geographical Indication (GI) tag for nihonshu/Japanese sake, an alcoholic beverage.
- ✓ This is the first time a product from Japan has filed for a tag at the Geographical Indication Registry in Chennai.
- ✓ The GI tag is given to those products with specific geographical origins and characteristics that are closely associated with the geographical origin.
- ✓ In India, a GI tag is granted based on the provisions of the Geographical Indications of Goods (Registration and Protection) Act, 1999.

➤ **India Sweden Innovation Day 2022**

- ✓ The 9th annual India Sweden Innovation Day 2022 - was observed on October 27.
- ✓ The event comprised comprehensive sessions with relevant stakeholders in domains such as sustainable urban development and safe transportation, life science, energy, environment, health, and science and technology.
- ✓ The event was themed "Accelerating India Sweden's Green Transition" and hosted by India Unlimited.

SCHEMES

➤ Yuva 2.0

- ✓ Pradhan Mantri Yojana to mentor young writers. YUVA 2.0 (Young, Upcoming and Versatile Authors) scheme has been launched on 2 October.
- ✓ It is an author mentorship program to train young and budding authors below the age of 30 to promote reading, writing, and book culture in the country.
- ✓ Keeping in view the significant impact of the first edition of YUVA, the Ministry of Education launched the YUVA 2.0 scheme.

➤ Pradhan Mantri Bharatiya Jan Urvarak Pariyojana - One Nation One Fertiliser

- ✓ On October 17, Prime Minister Narendra Modi - launched a scheme 'Pradhan Mantri Bharatiya Jan Urvarak Pariyojana', also known as **"One Nation One Fertiliser"** during the two-day PM Kisan Samman Sammelan 2022.
- ✓ Under the new scheme, it is mandatory for all fertiliser manufacturing and marketing companies to market all subsidised fertilisers under a single brand 'Bharat'.
- ✓ The concept of 'One Nation, One Fertiliser' will help farmers overcome their confusion over brand-specific choices as there is no product differentiation among different brands for each type of fertilizer.

➤ The National Network of Women-Focused CSOs

- ✓ The National Network of Women-Focused CSOs - was launched in Chennai on October 17.
- ✓ The new initiative was launched with the support of European Union.
- ✓ The newly launched network will reach-out to the most vulnerable people and women of the society for delivering unique services.
- ✓ It will involve Civil Society Organizations (CSOs) Community, Policy Makers, Women Entrepreneurs, Financial Players, and other Women empowerment Institutions.

CONFERENCES & SUMMITS

➤ **National SC-ST Hub Conclave**

- ✓ The Ministry of Micro, Small and Medium Enterprises - organized a 'National SC-ST Hub Conclave' at Ahmedabad, Gujarat on 28th September 2022.
- ✓ The conclave was organized to spread awareness about the National SC-ST Hub (NSSH) Scheme and other Schemes of the Ministry.
- ✓ The conclave provided a platform to the aspiring and existing SC-ST entrepreneurs to interact with Central Public Sector Enterprises (CPSEs), lending institutions among other stakeholders.

➤ **US-India Strategic Clean Energy Partnership (USISCEP)**

- ✓ Union minister for petroleum and natural gas, Hardeep Singh Puri and US Secretary of Energy Jennifer Granholm - co-chaired a ministerial dialogue on US-India Strategic Clean Energy Partnership (USISCEP) on October 7, 2022.
- ✓ The updated USISCEP has launched in 2021 following the announcement of US-India Climate and Clean Energy Agenda 2030 partnership.
- ✓ The Agenda 2030 partnership focuses on 5 pillars - responsible oil and gas pillar, power and energy efficiency pillar, renewable energy pillar, sustainable growth pillar and emerging fuels and technologies pillar.

➤ **4th Heli-India Summit 2022**

- ✓ Minister of Civil Aviation Shri Jyotiraditya M. Scindia inaugurated the 4th Heli-India Summit 2022. The civil enclave will be built in Jammu for Rs 861 crore and Srinagar's present terminal will be expanded three times from 20,000 square meters to 60,000 square meters for Rs 1500 crores.
- ✓ The 4th Heli-India Summit 2022 is inaugurated with the theme of 'Helicopters for Last Mile Connectivity' at Sher-i-Kashmir International Conference Centre, Srinagar.

➤ **UN World Geospatial International Congress**

- ✓ The second edition of the UN World Geospatial International Congress - was held in Hyderabad, Telangana from October 10 to 14, 2022.
- ✓ Science and Technology minister Jitendra Singh inaugurated the conference, which was organized by the United Nations Department of Economic and Social Affairs.
- ✓ It was hosted by the ministry of science and technology of the Government of India.

- ✓ The theme of the conference was 'Geo-Enabling the Global Village: No one should be left behind'.
- **90th Interpol General Assembly**
- ✓ On October 18, Prime Minister, Narendra Modi - addressed the 90th Interpol General Assembly in Pragati Maidan, New Delhi.
- ✓ The Prime Minister highlighted that India is one of the top contributors in sending brave men and women to the United Nations Peacekeeping operations. On the occasion, the prime minister inaugurated the National Police Heritage Display and witnessed the Entrance of the Colours - a march past by the ITBP contingent.
- **The International Solar Alliance (ISA)**
- ✓ The International Solar Alliance (ISA) - has approved the introduction of 'Solar Facility' at its fifth general assembly meeting held recently in New Delhi on October 18, 2022.
- ✓ "Solar Facility" is a financial mechanism expected to stimulate investments in solar power through payment guarantee and insurance funds. During the meeting, Union power minister RK Singh got re-elected as the president of the ISA for the next two years.
- **World Spice Congress**
- ✓ The 14th edition of the World Spice Congress - is scheduled to be held in Navi Mumbai, Maharashtra during February 16 to 18 next year.
- ✓ This biennial event, organized by Spices Board of India (Ministry of Commerce and Industry), is the world's largest exclusive business platform for the spice sector
- ✓ Over 1000 delegates from more than 50 countries are expected to participate in the event.
- ✓ The event will be held under the theme "Vision 2030: SPICES (Sustainability - Productivity - Innovation - Collaboration - Excellence and Safety)".
- **Counter Terrorism Committee (CTC)**
- ✓ India - hosted a special meeting of the United Nations Security Council's Counter Terrorism Committee (CTC) in Mumbai and Delhi on October 28 and 29, 2022, respectively.
- ✓ The meeting was held on the overarching theme of 'Countering the use of new and emerging technologies for terrorist purposes'.

The first session began with a 'soft opening session and tribute to the victims of terrorism' through a solemn ceremony at Hotel Taj Mahal Palace in Mumbai on October 28.

➤ **India Space Congress, ISC 2022**

- ✓ The three-day India Space Congress, ISC 2022 – was held in New Delhi from October 26 to 28.
- ✓ It was organized by SatCom Industry Association (SIAIndia) under the theme 'Leveraging Space to Power Next-Gen Communication & Businesses'.
- ✓ ISC 2022 is supported by the Indian Space Research Organisation (ISRO), Ministry of Defence, Niti Aayog, In-Space, NewSpace India Ltd (NSIL) and the Department of Telecommunication.

➤ **EC's two-day International Conference**

- ✓ The Election Commission (EC) will host a two-day international conference on the "Role, framework and capacity of election management bodies" in the national capital starting on Monday.
The conference will be inaugurated by Chief Election Commissioner Rajiv Kumar.

DEFENCE

➤ **Very Short Range Air Defence System' (VSHORADS)**

- ✓ The DRDO - successfully flight tested the 'Very Short Range Air Defence System' (VSHORADS) missile in Chandipur off the coast of Odisha recently on September 27, 2022.
- ✓ The VSHORADS is a Man Portable Air Defence System (MANPAD) designed and developed indigenously by Hyderabad-based Research Centre Imarat of the DRDO in collaboration with other DRDO facilities and various Indian industry partners.

➤ **Light Combat Helicopter (LCH) - Prachand**

- ✓ The first indigenously developed LCH inducted into Indian Air Force by Defence Minister Rajnath Singh at Jodhpur in Rajasthan on October 3, 2022.
- ✓ India's first indigenous light combat helicopter (LCH) 'Prachand' - was inducted into the Indian Air Force.
- ✓ Defence minister Rajnath Singh named the helicopter 'Prachand' (means 'fierce') during the ceremony.

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➤ **IBSAMAR VII**

- ✓ INS Tarkash participated in the 7th IBSAMAR, a joint multinational maritime exercise among Indian, Brazilian and South African Navies from 10-12 Oct 22.
- ✓ The previous edition of IBSAMAR was conducted in South Africa from 1-13 Oct 2018.
- ✓ The Indian Navy was represented by INS Tarkash, a Chetak helicopter and the personnel from the Marine Commando Force (MARCOS).

➤ **Prasthan**

- ✓ 'Prasthan' an Offshore Security Exercise was conducted by the Eastern Naval Command in the Offshore Development Area (ODA) off Kakinada.
- ✓ 'Prasthan' is a half-yearly exercise that was conducted in the KG basin to validate SOPs, address various contingencies and strengthen the command and control organization toward Maritime security.

- ✓ Prasthan was a two-day offshore security exercise.
- **DefExpo 2022**
 - ✓ The country's largest annual defence showcase, DefExpo 2022 - began in Gandhinagar on October 18 with a thrust on "Atmanirbharta", or self-reliance, in defence manufacturing.
 - ✓ According to the Ministry of Defence, Prime Minister Narendra Modi will grace the inaugural ceremony on October 19.
 - ✓ This is the 12th edition of the event that has been organised on the theme 'Path to Pride'.
- **'Tiger Triumph' Exercise**
 - ✓ The Indian and US militaries carried out a three-day joint humanitarian assistance exercise in Vishakhapatnam in line with the growing strategic cooperation between the two countries.
 - ✓ The Tiger Triumph exercise was the second collaboration between the Indian and US Militaries to coordinate disaster relief in the region.
 - ✓ Tiger Triumph marked the third time in 2022 that Indian and US militaries have worked together in Vishakhapatnam.
- **Agni Prime**
 - ✓ India - successfully test fired the 'Agni Prime' new generation ballistic missile off the coast of Odisha on October 21.
 - ✓ This is the third consecutive successful flight test of the Agni Prime missile.
 - ✓ It is a two-stage canisterised missile with range capability between 1,000 and 2,000 km.
 - ✓ In addition, since it is canisterised, it can be launched from rail or road, be stored for longer periods and can be transported as per operational requirements.
- **Garuda VII**
 - ✓ The Indian Air Force (IAF) and the French Air and Space Force (FASF) are set to participate in a bilateral exercise, named 'Garuda VII'.
 - ✓ The bilateral exercise is scheduled from October 26 to November 12 and is held at Air Force Station Jodhpur.
 - ✓ According to Ministry of Defense, the exercise will see the participation of Su-30 MKI, Rafale, LCA Tejas, and Jaguar fighter aircraft from the fleet of the Indian Air Force.
 - ✓ This is the seventh edition of the Garuda exercise.

➤ **SIMBEX**

- ✓ The Indian Navy - is hosting the 29th edition of the Singapore-India Maritime Bilateral Exercise (SIMBEX) from October 26 to 30 at Visakhapatnam.
- ✓ Two ships from the Singapore Navy, RSS Stalwart (a Formidable Class Frigate) and RSS Vigilance (a Victory Class Corvette) arrived in Visakhapatnam for participation in the exercise.
- ✓ The exercise is being conducted in two phases - Harbour Phase at Visakhapatnam till October 27 followed by the Sea Phase in Bay of Bengal.
- ✓ SIMBEX series of exercises began in 1994 and were initially known as Exercise Lion King.

➤ **India-Mozambique-Tanzania Trilateral Exercise**

- ✓ The first edition of India-Mozambique-Tanzania Trilateral Exercise - commenced at Dar Es Salaam, Tanzania on October 27.
- ✓ Indian Navy is represented by the guided missile frigate, INS Tarkash, a Chetak helicopter and MARCOS (Special Forces) in the exercise.
- ✓ The exercise was held till 29 October and included harbour and sea phases.
- ✓ As part of the harbour phase, capability building activities such as Visit, Board, Search and Seizure; small arms training; joint diving operations; damage control and fire fighting exercises; and cross deck visits were scheduled.

APPOINTMENTS

➤ **Dhananjaya Yeshwant Chandrachud**

- ✓ On October 17, President Droupadi Murmu - designated Dhananjaya Yeshwant Chandrachud the 50th Chief Justice of India with effect from November 9.
- ✓ Justice Chandrachud will have tenure of two years and two days, till 10 November 2024, as CJ.
- ✓ This will be the CJ longest tenure in almost a decade.

➤ **Giorgia Meloni**

- ✓ Far-right leader Giorgia Meloni - was sworn in as Italian prime minister at the Quirinal Palace in Rome on October 22.
- ✓ Meloni becomes the first woman to head a government in Italy.
- ✓ Her Brothers of Italy party was the top vote-getter in the national elections held on September 25.
- ✓ Meloni is Italy's first far-right premier since the end of World War II.

➤ **Xi Jinping**

- ✓ On October 23, Chinese President Xi Jinping - re-elected as general secretary of Communist Party of China for a record third **five-year** term.
- ✓ With this, Xi created history by becoming the first leader of the ruling Communist Party to get re-elected, a privilege only accorded to party founder Mao Zedong
- ✓ He was elected to the powerful Central Committee a day earlier by a once-in-a-five-year Congress despite crossing the official retirement age of 68 and completing 10-year tenure.

➤ **One Health Joint Plan of Action'**

- ✓ World Health Organization (WHO), Food and Agriculture Organization (FAO), and World Organisation for Animal Health - have unveiled a new 'One Health Joint Plan of Action'.
- ✓ This first ever joint plan of action aims to create a framework to integrate systems and capacity for preventing, detecting and responding to the health threats at the human-animal-plant-environment interface.

➤ **Aviation Agency's Air Transport Committee (ATC)**

- ✓ India's representative to the International Civil Aviation Organization (ICAO), Shefali Juneja - has been elected as chairperson of the UN specialized aviation agency's Air Transport Committee (ATC) on October 24.

- ✓ India secured this coveted position in ICAO after 28 years, when Juneja was unanimously elected to the post in the ICAO council.
- ✓ Incidentally, Juneja is the first women to represent India in ICAO.

- **Rishi Sunak**
- ✓ Rishi Sunak - officially became the UK's 57th Prime Minister and the country's first British Indian, first non-white and first Hindu leader.
- ✓ He was invited to form a government by King Charles III at Buckingham Palace. On October 25, Sunak became the only candidate to have cleared the threshold of 100 MP nominations making him automatically the next Conservative leader and British prime minister.

- **Luiz Inácio Lula da Silva**
- Luiz Inácio Lula da Silva, popularly known as Lula - is set to become the president of Brazil, beating incumbent Jair Bolsonaro in a closely contested election.
- ✓ Lula da Silva's victory marks the end of one of Brazil's most far-right governments.
- ✓ Lula, who previously led Brazil between 2003 and 2010, won with 50.9% of votes, while Bolsonaro bagged 49.1% of the valid votes.

AWARDS

➤ Nobel Prize in Physiology - 2022

- ✓ On October 3, Swedish geneticist **Svante Pääbo** - was awarded the 2022 Nobel Prize in Physiology or Medicine category.
- ✓ The winner was announced by the Nobel Assembly of Sweden's Karolinska Institute.
- ✓ The award was given to Pääbo, 67, "for his discoveries concerning the genomes of extinct hominins and human evolution".

➤ SASTRA Ramanujan Prize 2022

- ✓ Yunqing Tang bags SASTRA Ramanujan Prize 2022 for her contribution in maths.
- ✓ The SASTRA Ramanujan Prize for 2022 will be awarded to Yunqing Tang, Assistant Professor with the University of California, Berkeley, U.S.A.

➤ Lifetime Achievement Award in US

- ✓ Vivek Lall, an Indian-origin General Atomic Global Corporation Chief Executive is honoured with the Lifetime Achievement Award by US President Joe Biden with the citation of 'With Grateful Recognition'. This citation was given to Vivek Lall, who has done a Ph.D. in Aerospace Engineering.

➤ Nobel Prize in Physics

- ✓ On October 4, the Royal Swedish Academy of Sciences - awarded the 2022 Nobel Prize in Physics to three scientists - Alain Aspect, John F. Clauser and Anton Zeilinger - for their work on quantum mechanics.
- ✓ They have won the award "for experiments with entangled photons, establishing the violation of Bell inequalities and pioneering quantum information science".

➤ UNHCR Nansen Award

- ✓ Former German chancellor Angela Merkel - has been named as the winner of the prestigious UNHCR Nansen Award.
- ✓ The Geneva-based UN refugee agency has chosen Merkel for its highest award to acknowledge her efforts in offering asylum to over 1.2 million refugees, mostly from Syria into Germany, despite criticism both at home and abroad.

➤ Nobel Prize for Chemistry

- ✓ On October 5, the Nobel Prize for Chemistry for the year 2022 - was awarded to Carolyn R Bertozzi, Morten Meldal and K Barry Sharpless jointly for the development of two technologies - click chemistry and bioorthogonal chemistry.
- ✓ The Royal Swedish Academy of Sciences said Sharpless and Meldal laid the foundation for a functional form of chemistry - click chemistry 'in which molecular building blocks snap together quickly and efficiently'.

- **Nobel Prize in Literature**
- ✓ On October 7, the Nobel Prize in Literature - was awarded to the French novelist Annie Ernaux, who becomes the first French woman to win the prize.
- ✓ Ernaux, 82, becomes only the 17th female writer to have won the prize since it was formed in 1901.
- ✓ She has written more than 20 books, most of them very short, chronicling events in her life and the lives of those around her.

- **Nobel Peace Prize**
- ✓ On October 7, the Nobel Peace Prize - was awarded to jailed Belarusian activist Ales Bialiatski, Russian rights group 'Memorial' and Ukraine's 'Center for Civil Liberties'.
- ✓ The winners of the peace awards were announced by the Norwegian Nobel Institute in Oslo.
Human rights advocate, Ales Bialiatski was one of the initiators of the democracy movement that emerged in Belarus in the mid-1980s.

- **List of all Nobel Prize winners for 2022**
- ✓ Physics: Alain Aspect, John F. Clauser, Anton Zeilinger.
- ✓ Chemistry: Carolyn Bertozzi, Morten Meldal, Barry Sharpless.
- ✓ Medicine: Svante Pääbo.
- ✓ Literature: Annie Ernaux.
- ✓ Peace: Ales Bialiatski, Memorial and Center for Civil Liberties.
- ✓ Economics: Ben Bernanke, Douglas Diamond, Philip Dybvig.

- **National Intellectual Property Awards 2021 and 2022**
- ✓ IIT, Madras - has been conferred the "National Intellectual Property Awards 2021 and 2022".
- ✓ The institution has received the awards given by the government of India for being the top academic institution for patents filing, grants and commercialisation.
- ✓ The award included a trophy, citation and cash prize of 1 lakh.

➤ **'Most Popular GI' Award**

- ✓ Telangana's Hyderabad Haleem - has won the 'Most Popular GI' award after prevailing over 17 food items with Geographical Indication (GI) status from across the country.
- ✓ Hyderabad Haleem, a popular dish mostly consumed during Ramzan, bagged the award under the food category, while Odisha's Kandhamal Haldi bagged the award under the agriculture category.

➤ **2022 Sakharov Prize for Freedom of Thought**

- ✓ The European Parliament - awarded its top human rights prize '2022 Sakharov Prize for Freedom of Thought' to the people of Ukraine on October 19.
- ✓ The Ukrainian people were honoured with the award for their continuous struggle against Russia's invasion of their nation, which started in February. The award will be conferred on December 14 in Strasbourg.

➤ **Princess of Asturias Award**

- ✓ On October 28, the Olympic Refugee Foundation (ORF) and the IOC Refugee Olympic Team - was honoured with the 2022 Princess of Asturias Award for Sports from the Princess of Asturias Foundation in Oviedo, Spain.
- ✓ The award was presented by Her Royal Highness Leonor, The Princess of Asturias, to IOC President Thomas Bach.
- ✓ He was accompanied by Refugee Olympic Team members Eldric Sella (boxing) and Masomah Ali Zada (cycling), who both competed at the Olympic Games Tokyo 2020.

➤ **SKOCH Award**

- ✓ West Bengal - has bagged the prestigious SKOCH award in the women and child development category for its popular 'Lakshmir Bhandar' scheme.
- ✓ This was announced by the Chief Minister Mamata Banerjee on October 29.
- ✓ The award recognizes both the government and the nearly two crore women of the state who have been empowered by the scheme.
- ✓ The West Bengal government had launched the scheme in August 2021 to provide financial support to a woman head of a family and is in the age group of 25-60 years.
- ✓ Under the scheme Rs 500 per month is being given in respect of general caste category and around Rs 1,000 per month for those in the SC and ST categories.
- ✓ The state government incurs an expenditure of around Rs 11,000 crore annually to fund the scheme.

➤ **International Leadership Award**

- ✓ Chennai-based interventional gastroenterologist T S Chandrasekar - has been honoured with International Leadership Award by the American College of Gastroenterology (ACG).
- ✓ Chandrasekar is said to be first person from the entire Indian sub-continent to receive the honour.
- ✓ The award is in recognition of his substantial contributions to gastroenterology.



PERSONALITIES

- **Anna May Wong - first Asian-American to be featured on US currency**
- ✓ Anna May Wong, a Chinese-American movie star in Hollywood, is set to become the first Asian-American to feature in US currency.
- ✓ A quarter-dollar coin depicting a close-up image of Anna May Wong will commence circulation on October 24, 2022.
- ✓ This will be the fifth coin in the American Women Quarters (AWQ) Program. It will have the Latin phrase "E PLURIBUS UNUM", which means "out of many, one".

BOOKS & AUTHORS

- **2022 Booker Prize**
- ✓ Sri Lankan author Shehan Karunatilaka - has won the prestigious 2022 Booker Prize for his second novel 'The Seven Moons of Maali Almeida'.
- ✓ The novel is an afterlife thriller set against the backdrop of the country's brutal civil war.
- ✓ 'The Seven Moons of Maali Almeida' tells the story of the photographer, who wakes up dead in 1990.
- **Constitution of India**
- ✓ Finance Minister Palanivel Thiaga Rajan released a book 'Constitution of India - is Not What It Is' authored by retired Justice A.K. Rajan in Chennai on Saturday.

ECONOMY

➤ **GST Revenue - September**

- ✓ The gross GST revenue collected in September - totalled Rs 1.47 lakh crore, as per the finance ministry.
- ✓ This is the seventh month in a row in which receipts have been more than Rs 1.4 lakh crore.
- ✓ The September revenue was 26% higher than the GST receipts in the same month last year.

➤ **GDP Growth Forecast for 2022-23**

- ✓ On October 7, the World Bank - downgraded India's GDP growth forecast for 2022-23 to 6.5% from its earlier estimate of 7.5% in its latest South Asia Economic Focus Update.
- ✓ The reasons cited include the impact of the on-going war in Ukraine, rising global interest rates and high inflation.
- ✓ This is the third time that the World Bank has revised the GDP growth estimation for India for the FY2023.

➤ **India's Net Direct Tax Collections**

- ✓ At 7.45 lakh crore, direct tax receipts cross half the target.
- ✓ India's net direct tax collections till October 8 in the financial year 2022-23 have risen to 7.45 lakh crore, more than half of the Budget targets, the Union Finance Ministry said on Sunday.
- ✓ It is an increase of 16.3% over the tax inflows during the corresponding period a year ago.

➤ **Digital Banking Units (DBUs)**

- ✓ On October 16, PM Narendra Modi - unveiled digital banking units (DBUs) in 75 districts across the country through video conferencing.
- ✓ DBUs will be brick and mortar outlets which will provide a variety of digital banking facilities such as opening savings accounts, balance-check, print passbook, transfer of funds, investment in fixed deposits, loan applications, stop-payment instructions for cheques issued, apply for credit / debit cards, view statement of account, pay taxes, pay bills, make nominations, etc.

SCIENCE, ENVIRONMENT, & TECHNOLOGY

➤ **AVGAS 100 LL**

- ✓ The government - launched the indigenously-developed AVGAS 100 LL, a special aviation fuel meant for piston engine aircrafts and unmanned ariel vehicles.
- ✓ Minister for Petroleum and Natural Gas Hardeep Singh Puri launched the fuel at Hindon air base recently on September 26, 2022.
- ✓ The fuel has been developed by Indian Oil Corporation at Vadodara, Gujarat and it has been tested and certified by Directorate General of Civil Aviation (DGCA).
- ✓ AVGAS 100 LL is a higher-octane Aviation fuel meeting the product specifications with superior performance quality standards, as compared to imported grades.

➤ **Khosta-2**

- ✓ A team of researchers at Washington State University (WSU) in the US - have detected a new Covid-like virus named Khosta-2 in Russian bats.
- ✓ The virus was first identified in 2020 but the scientists thought that this virus would not pose a threat to humans.
- ✓ However, according to a recent study by researchers of WSU, the Khosta-2 virus can infect human cells.

➤ **Rashid**

- ✓ The United Arab Emirates (UAE) - is planning to launch its maiden moon mission 'Rashid' in November this year.
- ✓ The Rashid rover, named after Dubai's ruling family, will be launched between November 9 and 15 from the Cape Canaveral spaceport in Florida.
- ✓ The probe will be launched onboard a SpaceX Falcon 9 rocket and will be put into lunar orbit by a Japanese ispace lander in March.

➤ **Vyommitra**

- ✓ 'Can read, talk': Vyommitra's skills get a lift-off with digital grey matter.
- ✓ Vyommitra, the humanoid designed and developed by the Indian Space Research Organisation (ISRO) to fly aboard unmanned test missions ahead of the Gaganyaan human space-flight mission, is undergoing pre-flight ground tests at the ISRO Inertial Systems Unit (IISU) here.

➤ **Optimus**

- ✓ Elon Musk, the CEO of Tesla - recently unveiled a humanoid robot prototype called “Optimus” at the annual Tesla AI Day presentation in Palo Alto, California.
- ✓ During the event, Musk has announced that the robots will be mass-produced, costing less than \$ 20,000 and will be available in three to five years.
- ✓ He also presented a video of Optimus performing simple tasks, such as watering plants, carrying boxes and lifting metal bars.

➤ **DART Mission**

- ✓ NASA announced the results of its Double Asteroid Redirection Test (DART) mission on 11 October 2022.
- ✓ Terming the test successful, the agency said, the DART spacecraft succeeded in changing the asteroid's motion in Space.
- ✓ DART is a spacecraft designed to impact an asteroid as a test of the technology. This is the first time humanity has altered the motion of a celestial body.

➤ **World’s First Space Tourist**

- ✓ World’s first space tourist, **Dennis Tito** - has signed up with SpaceX, owned by Elon Musk, to fly around the Moon aboard the Starship rocket.
- ✓ According to SpaceX, the rocket will take Tito, 82, and his wife, Akiko, within 200 km of the far side of the Moon without landing on its surface.
- ✓ Dennis Tito, an American engineer and entrepreneur became the first human space tourist to visit the International Space Station in 2001.

➤ **World’s First Intestinal Transplant**

- ✓ A13-month old baby girl - received the world’s first intestinal transplant in a hospital in Madrid, Spain.
- ✓ The baby received the organ via asystolic donation, from a donor at the end of their life.
- ✓ This method of donation means “the organ to be transplanted does not deteriorate”.
- ✓ Spain is a world leader in organ transplants, as per figures from the Global Observatory on Donation and Transplantation.

➤ **Trapping Zone**

- Scientists - have recently discovered a ‘Trapping Zone’ in the Indian Ocean Island of Maldives.
- ✓ This Trapping Zone is a new ecosystem, which was discovered around 500 meters beneath the sub-sea surface.

- ✓ It was discovered by scientists who are working under the Nekton Maldives Mission.
 - ✓ Nektons are animals living in the open seas away from the shore that are capable of swimming independently of wind and water currents.
- **Chandrayaan 2 Orbiter**
- ✓ The Indian Space Research Organisation's (ISRO) Chandrayaan 2 Orbiter - has discovered the abundance of sodium on the Moon for the first time.
 - ✓ The X-ray spectrometer instrument named 'CLASS' onboard the Orbiter provides clean images of the sodium line with its high sensitivity and performance.
 - ✓ The spacecraft has been studying the lunar surface ever since it arrived in orbit in 2019.
- **Launch Vehicle Mark 3 (LVM3)**
- ✓ Indian Space Research Organisation (ISRO) - launched its first dedicated commercial mission of Launch Vehicle Mark 3 (LVM3) M2 satellite successfully from the Satish Dhawan Space Centre, Sriharikota on the midnight of October 22.
 - ✓ Isro's heaviest rocket LVM3-M2 successfully placed 36 broadband communication satellites into the polar low earth orbit for UK-based OneWeb.
 - ✓ The vehicle is also dubbed as one of the heaviest for its ability to carry satellites up to 8,000 kg.
- **Cyclone - Sitrang**
- ✓ On October 22, the India Meteorological Department (IMD) - predicted that a new cyclone will cross Bangladesh coast between Tinkona Island and Sandwip around October 25 early morning.
 - ✓ The first tropical cyclone of the post-monsoon season of 2022 is likely to form in the east-central Bay of Bengal on October 24
 - ✓ Once formed, this will be the first cyclone to develop in the Bay of Bengal in October since 2018, and will be called Sitrang, as named by Thailand
The name is one of 169 storms identified by IMD since the year 2020.
- **Endangered Great Indian Bustards - GIB**
- ✓ Endangered Great Indian Bustards now migrating to Pakistan?.
 - ✓ The GIB – the State bird of Rajasthan – is considered India's most critically endangered bird and is protected under the Wildlife Protection Act. Its population of about 150 in Rajasthan accounts for 95% of its total world population.

✓ The captive breeding of GIBs was taken up in the DNP through a project executed by the Dehradun-based Wildlife Institute of India in 2019. As many as 24 GIB chicks are being reared in DNP by a team supported by the International Fund for Houbara Conservation of United Arab Emirates.

➤ **Brassica juncea**

- ✓ Australia - approved the commercial cultivation of the genetically modified Indian mustard species called 'Brassica juncea', which has been modified for herbicide tolerance.
- ✓ This is the first time a genetically modified variety of Indian mustard has received commercial approval anywhere in the world.
- ✓ Though India is a major producer of 'Brassica juncea' variety of mustard, it has been evaluating the biosafety and field efficacy of GM mustard for almost 20 years now.

➤ **Priority Pathogens**

- ✓ The World Health Organisation (WHO) - released the first-ever list of fungal infections called "priority pathogens".
- ✓ The fungal priority pathogens list (FPPL) includes 19 fungi that represent the greatest threat to human health.
- ✓ The critical group includes *Candida auris*, which is a highly drug-resistant fungi, *Cryptococcus neoformans*, *Aspergillus fumigatus*, and *Candida albicans*.
- ✓ The high priority group includes a number of other fungi from the *Candida* family as well as others such as *Mucorales*, a group containing "black fungus", an infection which rose rapidly in seriously ill people, particularly in India, during Covid-19.

➤ **OneWeb Satellites**

- ✓ Describing the simultaneous placement of 36 OneWeb satellites into orbit a week ago as a major feat, Prime Minister Narendra Modi on Sunday said the move would strengthen digital connectivity across the country.
- ✓ In his Mann Ki Baat address, Mr. Modi said, "With the help of this, even the remotest areas will be more easily connected with the rest of the country."

SPORTS

➤ **Rosy Meena Paulraj - National Games**

- ✓ Pole vaulter Rosy Meena Paulraj of Tamil Nadu - broke the national record to win gold medal in the National Games.
- ✓ The 24-year-old Rosy cleared 4.20m to go past VS Surekha's earlier national mark of 4.15m set in 2014.

➤ **Kanjuruhan Stadium in Indonesia**

- ✓ At least 170 people have died and 180 others are injured - in a stampede at a football match in Kanjuruhan stadium in Indonesia's Malang in East Java province.
- ✓ The riots erupted during the Indonesia Premier League match between Persebaya Surabaya and Arema Malang after Persebaya Surabaya won the match 3-2 at the Arema's home stadium on October 1.

➤ **FIBA Women's Basketball World Cup**

- ✓ The United States defeated China (83-61) to win the International Basketball Federation (FIBA) Women's Basketball World Cup at the Sydney Superdome, Australia.
- ✓ The Americans bagged their fourth title in a row and 11th in total and have also sealed a spot at the Paris 2024 Olympic Games.

➤ **Formula One World Championship**

- ✓ Red Bull driver, Max Verstappen - retained his Formula One World Championship on October 9.
- ✓ The Dutch driver won a dramatic rain-shortened Japanese Grand Prix at Suzuka, giving him an unassailable 113-point lead in the 2022 championship.

➤ **FIFA U-17 Women's World Cup**

- ✓ The 7th edition of FIFA U-17 Women's World Cup - to be held from October 11 to 30, 2022.
- ✓ Kalinga stadium will have the honour of hosting all the group stage matches featuring India.
- ✓ This is the second time that India hosts a FIFA tournament after the men's 2017 FIFA U-17 World Cup and first time that the country hosts a FIFA women's football tournament.

➤ **36th National Games**

- ✓ On October 12, the 36th National Games held in Gujarat - came to a conclusion, with Services Sports Control Board (SSCB) finishing on top of the medal tally with 61 gold medals.
- ✓ 14-year old Harshika Ramachandran (6 gold and 1 bronze) from Karnataka won the Best Female Player of the 36th National Games & Sajjan Prakash (5 gold, 2 silver, 1 bronze) of Kerala won the Best Male Player of the Games award.

➤ **ISSF World Championships**

- ✓ Indian shooting star, Rudranksh Patil - became the new world champion in the men's 10m air rifle event at the ISSF World Championships in Cairo, Egypt.
- ✓ In the process, Rudranksh also won a berth for the 2024 Paris Olympics.
- ✓ Rudranksh became the second Indian world champion in the 10m air rifle category after Abhinav Bindra, who won the gold in 2006.

➤ **Women's Asia Cup 2022**

- ✓ India - defeated Sri Lanka in the Women's Asia Cup 2022 final to bag their seventh title in eight editions at Sylhet International Cricket Stadium on October 15.
- ✓ Chasing a target of 66 runs, India cruised to 71 for two in 8.3 overs, in a rather one-sided affair.

➤ **Esha Singh**

- ✓ Telangana's Esha Singh - clinched gold in junior women's 25m pistol event at the ISSF World Championships in Cairo on October 15.
- ✓ Esha, 17, became the junior world champion, after defeating China's Sixuan Feng, while the bronze went to Hungary's Miriam Jako.

➤ **Rosy Meena Paulraj - National Open Athletics Championship**

- ✓ Tamil Nadu's Rosy Meena Paulraj - set her second national record in two weeks to win gold medal on the opening day of the 61st National Open Athletics Championships at Bengaluru on October 15.
- ✓ She cleared 4.21m on her way to winning the title at the Sree Kanteerava Stadium in Bengaluru, bettering her previous record of 4.20m.

➤ **2022 Ballon d'Or France Football Award**

- ✓ French forward Karim Benzema - received the Ballon d'Or award during the 2022 Ballon d'Or France Football award ceremony on October 17.

- ✓ Benzema picked up the prize -- which is awarded by the magazine France Football -- for the first time in his career at a ceremony at the Theatre du Chatelet in Paris.
- ✓ Benzema led Madrid to the Champions League and La Liga titles during a stellar 2021-22 season.
- **Female Referees**
- ✓ The upcoming men's soccer World Cup in Qatar - will be the first to feature female referees, with three women set to make history.
- ✓ France's Stephanie Frappart, Rwanda's Salima Mukansanga and Japan's Yoshimi Yamashita were included in the list of 36 referees selected by FIFA.
- **Khelo India Youth Games**
- ✓ Madhya Pradesh - is all set to host the **fifth** edition of **Khelo India Youth Games** from January 31 to February 11 next year.
- ✓ More than 8,500 athletes and sportspersons are expected to participate in the sporting event.
- ✓ Madhya Pradesh will be the fifth state to host the Khelo India Youth Games.
- **FIFA U-17 Women's World Cup**
- Defending champions Spain - won the FIFA U-17 Women's World Cup with a 1-0 victory over first-time finalists Colombia at the DY Patil Stadium in Navi Mumbai on October 30
- ✓ With this, Spain have become the first country to defend the title, which was claimed in 2018
- **French Open Super 750**
- ✓ India's Satwiksairaj Rankireddy and Chirag Shetty - won the French Open Super 750 tournament at Paris, France on October 30.
- ✓ Satwik and Chirag have also become the first Indian pair to win a Super 750 tournament.
- **BWF World Junior Championships**
- ✓ Tamil Nadu shuttler Subramanian Sankar Muthusamy - went down fighting against Kuo Kuan Lin of Chinese Taipei in the men's singles final of BWF World Junior Championships in Santander, Spain, on October 30.
- ✓ With this loss, Chennai-born Sankar is the only second Indian boy after Siril Verma to win a silver at the World Junior Championship.

OBITUARY

➤ **Mulayam Singh Yadav**

- ✓ Samajwadi Party (SP) founder and former Chief Minister of Uttar Pradesh, Mulayam Singh Yadav - passed away at the age of 82 in Gurgaon on October 10, 2022.
- ✓ Yadav was one of the most influential and powerful leaders in Uttar Pradesh who shaped the policies of the largest state of India for decades.

➤ **Subbu Arumugam**

- ✓ Celebrated Villupattu exponent, storyteller and cultural icon, Subbu Arumugam passed away at the age of 95 in Chennai on October 10 due to age-related ailments.
- ✓ The Padma Shri awardee is survived by wife Mahalakshmi, son Gandhi and daughters Bharathi Tirumagan and Subbulakshmi.
- ✓ Villupattu is an ancient form of musical story-telling, which is performed mostly during temple festivals.

➤ **Dilip Mahalanabis**

- ✓ Dilip Mahalanabis, 88, who contributed to the development of life-saving ORS and popularized oral rehydration therapy (ORT) - passed away in Kolkata on October 16.
- ✓ Trained primarily as a paediatrician, Mahalanabis entered into public health when he started working on ORT in 1966.
- ✓ He worked as a research scholar for the Johns Hopkins University International Centre for Medical Research and Training in Kolkata.

➤ **'World's Dirtiest Man' Amou Haji**

- ✓ Amou Haji, an Iranian man dubbed the "dirtiest man in the world," died at the age of 94 in the village of Dejjah, in the southern province of Fars.
- ✓ He was so-called because he had not washed for almost 70 years and he believed that staying dirty kept him alive for so long. Owing to his unique record, a short documentary titled 'The Strange Life of Amou Haji' was made in 2013, describing his life.

REPORT

➤ **Living Planet Report**

The World Wide Fund for Nature (WWF) in association with Zoological Society of London - released the 'Living Planet Report' for the year 2022 on October 13.

- ✓ The report is a comprehensive study of trends in global biodiversity and the health of Earth.
- ✓ There has been a 69% decline in the wildlife populations of mammals, birds, amphibians, reptiles and fish, across the globe in the last 50 years, indicated the report.
- ✓ The highest decline (94%) was in the Latin America and the Caribbean region, while Africa recorded a 66% fall in its wildlife populations and the Asia Pacific showed 55% decline from 1970-2018.

➤ **UG Medical Colleges in the Country**

- ✓ T.N. and U.P. have the highest number of UG medical colleges in the country.
- ✓ According to the data, Tamil Nadu and Uttar Pradesh (in 2021-22) have the highest share of both public and private undergraduate (UG) medical colleges followed by Karnataka and Maharashtra.
- ✓ Between 2011-12 and 2021-22, the number of government MBBS seats in the country jumped by 155%, superseding private medical seats which grew by 97%.

➤ **Climate Crisis on Human Health**

- ✓ The number of heat-related deaths in India among those over 65 years -increased by 55% between 2000-04 and 2017-21.
- ✓ This was revealed in the latest Lancet Countdown report on the worsening global impacts of climate crisis on human health.
- ✓ As per the report, in India, an average of about 20,000 deaths per year during 2000-04 has increased to around 31,000 fatalities annually during 2017-21
- ✓ The report noted that globally such heat-related deaths had increased 68% during 2017-21, reaching 3,10,000 deaths annually.
- ✓ Further, the period suitable for dengue transmission has gone up to 5.6 months each year from 1951-60 to 2012-21.

➤ **World Energy Outlook 2022**

- ✓ On October 27, the Paris-based International Energy Agency (IEA) - released its World Energy Outlook 2022 report, which stated that global emissions will peak in 2025.

- ✓ Talking specifically about India, the 524-page report stated that the primary challenge for the country is going to be about meeting its rising electricity demand.
- ✓ India's coal generation and oil imports are going to peak in 2030, while gas imports will double around the same time, says the report.
- ✓ The report predicts India's energy demand to rise at more than 3% annually from 2021 to 2030 in the stated policy scenario (STEPS), as it becomes the world's most populous country by 2025
- ✓ By 2030, renewables will supply 35% of all electricity, meeting more than 60% of the increase in demand for energy, says the report.
- ✓ In COP26, organised in Glasgow in 2021, Prime Minister Narendra Modi said that India will meet the net zero emissions target by 2070.

GLOBAL TB REPORT 2022

➤ Global TB Report 2022

- ✓ The World Health Organization - has released the Global TB Report 2022 on October 27, 2022.
- ✓ With 28% cases, India was among the eight countries accounting for more than two-third (or 68.3%) of the total TB patients' count across the world.
- ✓ The other countries were Indonesia (9.2% cases), China (7.4%), the Philippines (7%), Pakistan (5.8%), Nigeria (4.4%), Bangladesh (3.6%) and the Democratic Republic of the Congo (2.9%).
- ✓ As per the report, around 10.6 million people across the world were diagnosed with tuberculosis (TB) in 2021, an increase of 4.5% from 2020, while 1.6 million patients died of the bacterial disease
- ✓ India has registered an 18% decline in TB incidence in the last seven year which is better than the global average of 11%.

RANKING

➤ **Swachh Survekshan Grameen (SSG) 2022**

- ✓ On October 2, Union Jal Shakti Minister Gajendra Singh Shekhawat - released Swachh Survekshan Grameen (SSG) 2022 report and handed over the first copies to the President of India, Droupadi Murmu.
- ✓ During this event the Union Minister of Jal Shakti also announced Swachh Survekshan Grameen (SSG) 2023 and Jal Jeevan Survekshan (JJS) 2023.
- ✓ Telangana, Haryana and Tamil Nadu emerged the cleanest among all large states on parameters of rural sanitation, according to the Swachh Survekshan Grameen (SSG) 2022.

➤ **Commitment to Reducing Inequality Index - CRI Index**

- India - has moved up six places to rank 123 out of 161 countries in terms of reducing inequality, according to the 2022 Commitment to Reducing Inequality Index or CRI Index.
- ✓ The index measures government policies and actions in three areas of inequality - public services (health, education, and social protection), taxation and workers' rights
 - ✓ As per the report, India features among the lowest performers on health spending again after dropping to 157th, the 5th lowest in the world.
 - ✓ India's health spending is 3.64% of total spending, which is the lowest out of all BRICS and neighbouring countries.

➤ **Global Hunger Index 2022**

- ✓ India ranks 107 out of 121 countries on the Global Hunger Index in which it fares worse than all countries in South Asia barring war-torn Afghanistan.
- ✓ India's score of 29.1 places it in the 'serious' category. India also ranks below Sri Lanka (64), Nepal (81), Bangladesh (84), and Pakistan (99). Afghanistan (109) is the only country in South Asia that performs worse than India on the index.
- ✓ The Global Hunger Index is a peer-reviewed annual report, jointly published by Concern Worldwide and Welthungerhilfe, designed to comprehensively measure and track hunger at the global, regional, and country levels.

➤ **Multidimensional Poverty Index (MPI)**

- ✓ The new Multidimensional Poverty Index (MPI) - was released by the United Nations Development Programme (UNDP) and the Oxford Poverty and Human Development Initiative (OPHI) at the University of Oxford on October 17.

- ✓ The MPI 2022 was released under the title “Unpacking deprivation bundles to reduce multidimensional poverty”.
 - ✓ As per the report, the number of poor people in India fell by about 415 million between 2005-06 and 2019-21 – a 15 year period – with the incidence of poverty showing a steep decline from 55.1% to 16.4%.
 - ✓ Based on 2020 population data for India, the report has highlighted that India has the largest number of poor people worldwide (228.9 million), followed by Nigeria (96.7 million projected in 2020).
 - ✓ The 2019-2021 data show that about 16.4% of India's population live in poverty, with an average intensity of 42%.
 - ✓ According to the report, India is the only country in South Asia where female-headed households are poorer than male-headed households.
- **2022 EdelGive Hurun India Philanthropy List**
 - ✓ HCL Tech’s billionaire-founder Shiv Nadar - topped the 2022 EdelGive Hurun India Philanthropy List.
 - ✓ The industrialist and philanthropist donated Rs. 1,161 crore at a rate of Rs 3 crore per day on an average.
 - ✓ Wipro’s Azim Premji, who tops the annual list every year, dropped to the second spot this year with an annual donation of Rs 484 crore.
- **Mercer CFA Institute Global Pension Index survey (MCGPI)**
 - The MCGPI is a comprehensive study of 44 global pension systems, accounting for 65% of the world’s population. It analyses retirement income systems around the world.
 - ✓ India – was ranked at 41st place out of 44 countries, as per the 2022 Mercer CFA Institute Global Pension Index survey (MCGPI).
 - ✓ Last year, India was ranked at 40th place out of 43 countries and in 2020, the country was ranked at 34th place out of 39 countries.
 - ✓ Globally, Iceland had the highest overall index value (84.7), closely followed by the Netherlands (84.6) and Denmark (82.0).
- **Public Affairs Index, 2022**
 - ✓ Haryana - has emerged as the best-governed state among 18 big states in the Public Affairs Index, 2022.
 - ✓ The 7th edition of Public Affairs Index, 2022, prepared by Bengaluru-based not-for-profit think tank Public Affairs Center (PAC), was released last week on October 14.
 - ✓ Among big states, Haryana was followed by Tamil Nadu, Kerala, Chhattisgarh, Punjab and Karnataka.

- ✓ Tamil Nadu, Kerala and Madhya Pradesh topped the list of major states providing political justice.
- **QS World University Rankings: Sustainability 2023**
- ✓ IIT-Bombay - has emerged as the best educational institution in India in the first ever “QS World University Rankings: Sustainability 2023”.
- ✓ Globally, the University of California, Berkeley (from the US) was ranked as the topmost institution.
- ✓ It is followed by two Canadian institutions, the University of Toronto (second) and the University of British Columbia (third).



IMPORTANT DAYS

Date	Day	Theme
October 1	World Vegetarian Day	The aim is to bring awareness to the environmental & health benefits of a vegetarian lifestyle
October 1	International Day of Older Persons	Theme 2022 - "Resilience of Older Persons in a Changing World"
October 2	International Day of Non-Violence	International Day of Non-Violence is observed every year on 2nd October, the birthday of Mahatma Gandhi
October 2	Swachh Bharat Diwas	The Swachh Bharat Diwas is celebrated to commemorate the birth anniversary of Mahatma Gandhi
October 3	World Habitat Day	2022 Theme: "Mind the Gap. Leave No One and Place Behind"
October 4	World Animal Day	World Animal Day is celebrated every year on the 4th of October to raise awareness about improving the welfare standards of animals across the globe
October 5	World Teachers' Day	2022 Theme: "The transformation of education begins with teachers"
October 6	World Cerebral Palsy Day	To draw worldwide attention to cerebral palsy and find ways to help this condition
October 7	World Cotton Day	Theme 2022 - "Weaving a better future for cotton"
October 8	Indian Air Force Day	The day is observed annually to pay tribute to the Indian Air Force (IAF) personnel who defend the nation

October 8	World Migratory Bird Day	
October 9	World Post Day	The theme for World Post Day 2022 is 'Post for Planet'
October 10	World Mental Health Day	Theme 2022 - "Make mental health and well-being for all a global priority"
October 11	International Day of Girl Child	Theme 2022 - "Our time is now – our rights, our future"
October 12	World Arthritis Day	2022 Theme: "It's in your hands, take action"
October 13	International Day for Disaster Risk Reduction	Theme 2022 - 'Substantially increase the availability and access to multi-hazard early warning systems and disaster risk information and assessment for people by 2030'
October 13	World Sight Day	Theme 2022 - "Love Your Eyes"
October 14	World Standards Day	Theme 2022 - "Shared Vision for a better World"
October 14	International E-Waste Day	The theme for 2022 is: 'Recycle it all, no matter how small'
October 14	World Egg Day	The theme for World Egg Day 2022 is 'Eggs for a Better Life'
October 15	World Student's Day	October 15 is celebrated as World Students' Day to commemorate the birth anniversary of Dr APJ Abdul Kalam
October 15	International Day of Rural Women	Theme - "Rural Women Cultivating Good Food for All"
October 16	World Food Day	The theme for World Food Day 2022 is Leave NO ONE behind
October 17	International Day for the Eradication of Poverty	This year's theme for International Day for the Eradication of Poverty is "Dignity For All in Practice"

October 17	World Trauma Day	This day highlights the increasing rate of accidents and injuries causing death and disability across the world and the need to prevent them
October 20	World Osteoporosis Day	The theme of World Osteoporosis 2022 is "Step Up For Bone Health"
October 20	World Statistics Day	The theme for 2022 is 'Data for Sustainable Development'
October 20	National Solidarity Day	This day is observed to honour the Armed Forces
October 21	National Police Commemoration Day	October 21 commemorates the sacrifices of ten CRPF personnel who lost their lives in the line of duty. On October 21, 1959, ten Indian policemen were killed during an attack by Chinese troops
October 24	United Nations (UN) Day	The day is celebrated on 24 October to mark the official establishment of the United Nations in 1945
October 24	World Polio Day	It is celebrated to raise awareness for polio vaccination and eradication of polio.
October 24	World Development Information Day	The day is observed every year to create awareness about the problems surrounding development in different nations
October 27	Infantry Day	The day seeks to pay homage to the soldiers who fought for the country and laid down their lives in the line of duty
October 27	World Day for Audiovisual Heritage	Theme 2022 - "Enlisting documentary heritage to promote inclusive, just and peaceful societies"

October 28	International Animation Day	International Animated Film Association (ASIFA) declared International Animation Day (IAD) as a worldwide occasion to commend the speciality of animation
October 29	World Psoriasis Day	Theme of "Unloading Psoriatic Disease"
October 29	International Internet Day	The day marks the sending of the first electronic message which was transferred from one computer to another in 1969
October 29	World Stroke Day	World Stroke Day is observed on October 29th to emphasize the serious nature and high rates of stroke
October 31	National Unity Day	National Unity Day or Rashtriya Ekta Diwas is observed every year to commemorate the birth anniversary of Sardar Vallabhbhai Patel
October 31	World Cities Day	Theme "Act Local to Go Global"
October 31	World Thrift Day	Theme of World Thrift Day is "Saving prepares you for the future"

