



CURRENT AFFAIRS COMPILATION- APRIL TO SEPTEMBER, 2022



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TAMIL NADU

➤ **Japan International Cooperation Agency (JICA)**

- ✓ JICA to provide 4,710 cr. for Chennai Metro Rail Phase II project.

➤ **Water Champion**

- ✓ A tribal resident of Anaikatty in Sigur in the Mudumalai Tiger Reserve (MTR) buffer zone is one of 41 women water champions recognised as part of an initiative by the Government of India and the UNDP-SIWI Water Governance Facility (WGF).
- ✓ S. Lalitha, a field assistant for the community well-being programme at Keystone Foundation, was recognised by the National Water Mission, Ministry of Jal Shakti, the UNDP-India and the Stockholm International Water Institute “to underscore the critical role of women in water conservation and management.”

➤ **Climate Literacy**

- ✓ Tamil Nadu government - has launched a massive project called ‘climate literacy’ for college and school students besides farmers and women.
- ✓ Under the new initiative, farmers and SHGs will be involved in the climate literacy programme through departments concerned at the district level.

➤ **Corporation Launches ‘Country’s First’ Gender Lab**

- ✓ The Greater Chennai Corporation has inaugurated a gender lab, said to be the first such initiative by an urban local body in the country.
- ✓ The three specialists, all women, will review every civic infrastructure project to suggest changes for improving the safety of women in public spaces.

➤ **Parandur and Pannur**

- ✓ The ministry of civil aviation - has selected Parandur and Pannur near Chennai for the city’s second airport.
- ✓ Parandur is located at around 70km and Pannur 60km from Chennai near Sriperumbudur on the Chennai-Bengaluru route.

➤ **Tamil Nadu Skill Development Corporation (TNSDC)**

- ✓ In an effort to bridge the gap between demand and supply of manpower requirements and to help the State government achieve its aim of becoming a \$1 trillion economy by 2030, the Tamil Nadu Skill Development Corporation (TNSDC) is realigning programmes and strategies, according to latest industry standards and requirements.

➤ **Kaaval Uthavi**

- ✓ Chief minister MK Stalin - inaugurated the new updated mobile application 'Kaaval Uthavi' (police assistance) of Tamil Nadu Police at the Secretariat.
- ✓ Users can file an online mobile complaint and share their current location using the application.

➤ **State Education Policy (SEP)**

- ✓ The Tamil Nadu government - constituted a 13-member panel to evolve its own State Education Policy (SEP).
- ✓ The panel is to be headed by former chief justice of Delhi high court Justice D Murugesan.

➤ **Periyar Samathuvapuram**

- ✓ Stalin inaugurates Periyar Samathuvapuram in Villupuram.

➤ **Metrolite**

- ✓ Coimbatore city may be the first city in the State to have a Metrolite system that will cover 45.87 km with 40 stations, making a halt at several important landmarks of the city, including Coimbatore Airport.

➤ **Global Investors' Meet (GIM)**

- ✓ Global investors' meet (GIM) would be organised in Tamil Nadu by the end of 2023 to attract foreign investments and generate employment in the state.
- ✓ The CM said that the state officials will be going **Switzerland** to participate in the **World Economic Forum's** annual meet 2022 to attract investments into Tamil Nadu.

➤ **People's Movement for Clean Cities**

- ✓ Municipal Administration Minister KN Nehru announced a new scheme 'People's Movement for Clean Cities' (PMCC) to **ensure cleanliness in urban local bodies** by engaging all stakeholders.

- ✓ He also announced that a **Smart Governance System (SGS)** would be launched for all urban local bodies to ensure proper service delivery, including provision of **drinking water** and other **basic amenities**.
- **Hong Fu Industrial Group**
- ✓ Leading Taiwanese shoemaker Hong Fu Industrial Group - plans to invest 1,000 crore over the next 3-5 years in Tamil Nadu to make sports shoes for global brands like Nike and Puma.
- **Women Entrepreneurs Scripting a Silent Transformation**
- ✓ The **2021 edition of Women & Men in India**, published by the **National Statistical Office (NSO)** of the Union Ministry of Statistics and Programme Implementation, has an element of surprise for Tamil Nadu.
- ✓ With about 10.87 lakh units, **Tamil Nadu accounts for the highest number of women entrepreneur-owned establishments**, which cover not only micro, small and medium enterprises (MSMEs) but also nano units, promoted through platforms such as the self-help groups (SHGs).
- **Nagarum Kooturavu Vangigal**
- ✓ Minister for Cooperation - announced that 34 banks-on-wheels (Nagarum Kooturavu Vangigal) will be introduced on behalf of the Tamil Nadu State Apex Cooperative Bank and all district central cooperative banks at a cost of Rs 5.69 crore.
- ✓ The mobile co-operative services will also provide key banking services, including mini-ATM services and tab-enabled banking facilities.
- **Testing TB along the same lines as COVID-19**
- ✓ Tamil Nadu plans to test for TB along the same lines as COVID-19.
- ✓ Tuberculosis (TB) case findings that were hit in the midst of the COVID-19 pandemic have improved with targeted interventions in the State.
- **Research Park**
- ✓ Anna University to get 50 crore to establish research park.
- ✓ The Higher Education Department has proposed to invest around 65 crore to develop research facilities in Anna University. The Department's budget is focused on improving infrastructure, including hostel and research facilities, in government colleges.
- ✓ Anna University will receive 50 crore to establish a research park to be used for industry-related research and incubation centres to benefit around 20,000 students of undergraduate, postgraduate and engineering research.

➤ **Government Focuses on Upgrading Schools**

- ✓ '7,500 smart classrooms will be set up'.
- ✓ Minister for School Education Anbil Mahesh Poyyamozi has said 7,500 smart classrooms will be set up in elementary schools at a cost of 150 crore in the **2022-23 academic year**.

➤ **Saksham 2020**

- ✓ Contribute to the **Mission of Fuel Conservation**. Tamilnadu Governor R.N.Ravi launches 'Saksham 2020' **awareness campaign**.

➤ **Indian Air Force signs MoU with IIT Madras**

- ✓ Indian Air Force and IIT Madras signed an MoU for various developmental projects to support the requirements of the IAF.
- ✓ The partnership aims to accelerate IAF's **indigenization efforts for achieving 'Atma Nirbhar Bharat'**.

➤ **TANSIM**

- ✓ A financial assistance of 30 crore has been given to Tamil Nadu Start up and Innovation Mission to encourage entrepreneurs from **SC/ST communities**.

➤ **Samathuva Naal**

- ✓ On April 13, Chief minister M K Stalin - announced that the government would celebrate **Dr B R Ambedkar 's birth anniversary on April 14 as the Day of Equality (Samathuva Naal)**.
- ✓ On the occasion, Day of Equality pledge would be taken by government workers across the state.
- ✓ Notably, reformist leader **Periyar's birth anniversary, on September 17, has already been declared as Social Justice Day by the DMK government**.

➤ **Onion Cultivation Mission (OCM)**

- ✓ Tamilnadu State will implement an Onion Cultivation Mission (OCM) at a cost of Rs 40 crore this financial year to ensure an uninterrupted supply of onions

➤ **Resolution against CUET**

- ✓ The government of Tamil Nadu has adopted a resolution urging the government of India to drop the CUET (Central Universities Common Entrance Test) proposal.

- ✓ In the resolution passed by the state, the assembly stated that an entrance exam based on the **National Council of Education Research and Training** syllabus will not be providing equal opportunity to all the students as there are varied state boards across the country.

- **One Lakh Free Agricultural Power Connections**
- ✓ On April 16, Chief minister M K Stalin - announced that the state government has made a historic achievement by giving **one lakh free agricultural power connections within** a year of assuming office.
- ✓ The free power has helped the farmers to increase the area under cultivation by 2.13 lakh acres.

- **GE partners with TIDCO**
- ✓ US-based aircraft engine manufacturer GE has partnered with the Tamil Nadu Industrial Development Corporation (TIDCO).
- ✓ It will set up a centre of excellence in Tamil Nadu on **emerging aviation engine technologies**. It will work towards technology development of aviation engine parts.

- **School Management Committees (SMC)**
- ✓ The drive was launched at Lady Willingdon Higher Secondary School in Triplicane, Chennai.
- ✓ In this regard, the school education department has issued new guidelines to reconstitute SMCs in all 37,558 government schools.

- **Industries, Investment Promotion and Commerce Department**
The **Tamil Nadu Industries Department** - will be renamed as '**Industries, Investment Promotion and Commerce Department**'.

- **Vidiyal**
- ✓ The state organ transplant authority, Transtan - is planning to use a **new app to ensure transparency, limit human interventions** and increase efficiency in organ transplantation process.
- ✓ The new app, that is both **mobile and web-friendly**, is named 'Vidiyal'.

- **Go Live**
- Tamil Nadu - has recently launched the **trials of online single window system 'Go Live'** that aims to **facilitate building plan approvals within 60 days**

- ✓ In this regard, Tamil Nadu housing and urban development department has ordered Chennai Metropolitan Development Authority (CMDA) and the Directorate of Town and Country Planning (DTCP) to make the 'Go Live' website fully functional in a few weeks.

➤ **4 Olympic Training Academies**

- ✓ The government of Tamil Nadu has decided to set up four Olympic Training academies in the **four zones** of the state.
- ✓ The efforts by the State Government will ensure that Tamil Nadu athletes win international sports and championships, including the Olympics.

➤ **Youth Welfare and Sports Development**

- ✓ On April 21, Chief Minister M K Stalin - made various announcements in the Assembly for youth welfare and sports development, including establishing a **mega sports city near Chennai**.
- ✓ The CM said that a **modern sports complex** would be built in **North Chennai** with **state-of-the-art facilities** for volleyball, badminton, basketball, boxing, kabaddi and other indoor games, besides a modern gymnasium at 10 crore.
- ✓ The government will set up **Olympic Academies in each of the four zones** in the state to win medals at the international events.
- ✓ Further, the CM announced **3% reservation in employment for Silambam champions**.

➤ **Senior Citizens Welfare**

- ✓ Separate wing to be formed for senior citizens' welfare.
- ✓ A detailed feasibility study would be carried out at a cost of 1 crore to build an integrated complex of special homes for senior citizens at **Thundalkazhani in Kancheepuram district**.

➤ **TANUVAS**

- ✓ TANUVAS ranked **first among veterinary universities in country**.
- ✓ The Tamil Nadu Veterinary and Animal Sciences University (TANUVAS) has been ranked first among the 15 State veterinary universities in India by the Indian Council of Agricultural Research (ICAR) in its recent (2020) rank list.

➤ **T.N. To Set Up 600 'Village Secretariats'**

- ✓ The Tamil Nadu government will set up 'village secretariats' that will help **implement its schemes in rural areas**.
- ✓ A total of 600 village panchayats would be covered in the first phase this year.
- ✓ Mr. Stalin said the **gram sabha meetings** would be held six times a year. Besides on **Republic Day (January 26), Labour Day (May 1), Independence Day (August 15)** and the birth anniversary of Mahatma Gandhi (**October 2**), the gram sabhas would meet on **World Water Day (March 22)** and **Local Governance Day (November 1)**.

➤ **State Minority Rights Day**

- ✓ 'Minority Rights Day' celebration announced.
- ✓ Minority and NRI Tamils Welfare Minister Gingee K.S. Masthan said a State-level 'Minority Rights Day' celebration will be held on **December 18 every year**.

➤ **International Commission on Irrigation & Drainage (ICID)**

- ✓ The International Commission on Irrigation & Drainage (ICID) - has **recognised three ancient waterbodies in Tamil Nadu** – Grand Anicut, Veeranam lake and Kalingarayan Anicut – as World Heritage Irrigation Structures for the year 2021.
- ✓ The ICID had recognised these irrigation structures on the lines of world heritage sites labelled by the UNESCO.

➤ **Zero Shadow Day**

- ✓ On **April 24**, Chennai – to witness zero shadow day at 12.07 PM.
- ✓ The sun will cast shadow towards the west and when it transits the local meridian (local noon), it will be right above our head and there won't be any shadow
- ✓ After Chennai observes zero shadow, it will happen in Bengaluru, which has the same 13° north latitude as Chennai but different longitude.

➤ **Sengadu Village Panchayat**

- ✓ Chief Minister M.K. Stalin on Sunday said his government aimed at ensuring that all welfare schemes reached people in villages across the State.

✓ He took part in a special gram sabha meeting in **Sengadu village panchayat** at Sriperumbudur in Kancheepuram district on the occasion of **National Panchayati Raj Day**.

➤ **Three New Sanctuaries**

✓ Three new sanctuaries include - one for birds at **Nanjanrayan tank in Tirupur**, another for elephants at **Krishnagiri** and a third for **slender loris in Dindigul**.

✓ The **Nanjarayan tank in Tirupur** will become the **17th bird sanctuary in Tamil Nadu**.

➤ **Naatu Kuttai Cattle Breed**

✓ Conservation centre for Naatu Kuttai cattle breed to be set up at **Kattupakkam**.

✓ Conservation centres for Kangeyam, Puliur, Pargur, Umblacherry and Alambadibreeds already set up to protect them from extinction.

✓ Tamil Nadu Veterinary and Animal Sciences University (**TANUVAS**) has decided to set up a conservation centre for Naatu Kuttai Maadugal, a cattle breed prevalent in Chengalpattu, Kancheepuram, Tiruvallur and Villupuram districts.

➤ **TNEB 2.0**

✓ The Tamil Nadu government - unveiled its ambitious initiative TNEB 2.0 to augment the power infrastructure to meet the state's growing demand.

✓ Tangedco has set a **deadline to add 6,220 MW to the grid in the next five years** by commissioning seven projects at a cost of 41,623 crore.

✓ **Electric vehicle charging stations** would be set up at substations located on state and national highways, said the Minister.

➤ **Seerthirutha Siragugal**

➤ The **prison department** - proposes to implement a new scheme titled 'Seerthirutha Siragugal'.

✓ The initiative seeks to **reform and rehabilitate prisoners and appoint social casework experts and welfare officers** for central prisons and special prisons for women.

➤ **Mega Textile and Apparel Park**

✓ The Tamil Nadu government - will soon establish a mega textile and apparel park spread over 1000 acres in **Virudhunagar**.

- ✓ The textile park would be set up under the PM Mega Integrated Textile Regions and Apparel Parks (**MITRA**) scheme.
- ✓ The government would also take measures to establish '**Tamil Nadu pavilion**' in international textile fairs to promote the products from the state.

- **CM rewards Joshna Chinnappa**
- ✓ Squash player Joshna Chinnappa, who won a gold medal in the world doubles championships in Glasgow.

- **Clean Hospital**
- ✓ **Manapparai government hospital tops** list of clean hospitals in State.
- ✓ It was a proud day for the medical and support staff of the District Headquarters Government Hospital, Manapparai, when they were informed that the healthcare facility had won the first place at the State-level for 'Clean Hospital' in the **National Health Mission's 'Kayakalp' programme**.

- **Tamil Nadu Green Climate Company (TNGCC)**
- ✓ TNGCC is an initiative that aims to tackle climate change adaptation and mitigation activities.
- ✓ The company is mandated to implement **Climate Change Mission, Green Tamil Nadu Mission and Wetlands Mission**.

- **Muthamizh Arignar Kalaignar Karunanidhi Salai**
- ✓ The **portion of East Coast Road (ECR) between Chennai and Mamallapuram** - will be renamed 'Muthamizh Arignar Kalaignar Karunanidhi Salai' to honour the former CM's role in the development of the State Highways Department.
- ✓ CM Stalin also unveiled a **memorial pillar** and laid foundation stones for a number of projects, including a **Rs.37 crore glass bridge to connect Thiruvalluvar Statue and Vivekananda Rock in Kanyakumari**.

- **State's Information Technology (IT)**
- ✓ The state's Information Technology (IT) - will contribute over **10% to Chief Minister MK Stalin's vision for TN to become a \$1 trillion economy by 2030**.

➤ **Chennai Bus' Mobile App'**

- ✓ The Metropolitan Transport Corporation (MTC) - has launched the 'Chennai Bus' mobile app.
- ✓ Using this, passengers can **find the live location of all MTC buses** along a particular route, estimated arrival time, and nearest bus stops from any given location in the city.

➤ **Free Travel For Children Within 5 Years**

- ✓ The Tamil Nadu government - announced free travel for children within 5 years of age in buses operated by all the government-run transport corporations

➤ **Bed and Breakfast Scheme**

- ✓ The Tamil Nadu government - has decided to revive the bed and breakfast scheme and hop-on-and-hop-off tours covering tourist spots in Chennai after a gap of almost ten years.
- ✓ The bed and breakfast scheme is aimed at **ensuring economical accommodation for tourists in destinations** where hotels are not available.

➤ **Free Breakfast Scheme**

- ✓ Tamil Nadu chief minister M K Stalin - announced a free breakfast scheme for government school students studying in **Classes 1 to 5 in the state.**
- ✓ Tamil Nadu will be the **first state in the country to offer breakfast in government schools, along with the mid-day meal**
- ✓ Tamil Nadu was the **pioneer of the midday meal** scheme as the **first initiative** to provide meals to children had been taken by the erstwhile Madras Municipal Corporation around 1920.

In pipeline | Here are the five schemes announced by Chief Minister M.K. Stalin in the T.N. Assembly

■ **Free breakfast** for Class I-V government school children in a phased manner

■ Initiatives to **eradicate nutrition deficiency**

■ Setting up of **Schools of Excellence**

■ Setting up of **primary healthcare-like centres** in urban areas

■ Expanding the 'CM in Your Constituency' **grievance redressal scheme** to all 234 constituencies in the State

➤ **Amudham Project**

- ✓ Union Finance Minister Nirmala Sitharaman - inaugurated the 'Amudham project' to offer free cow milk to lactating mothers and children below two years in Coimbatore south constituency.
- ✓ It is a new scheme launched by Coimbatore South MLA Vanathi Srinivasan in the lines of Prime Minister's 'Poshan Abhiyaan' scheme, aimed at providing holistic nutrition to mothers and infants.

➤ **Iron Age began in T.N. 4,200 years ago**

- ✓ Excavations carried out by the Tamil Nadu Department of Archaeology at Mayiladumparai in Krishnagiri district have placed the beginning of the Iron Age in Tamil Nadu 4,200 years Before Present (BP) or 2200 BCE (Before Common Era).

➤ **Ramanjeri Reservoir Project**

- ✓ Creation of a reservoir in Ramanjeri is one of the long-discussed proposals. Spread over an area of nearly 9.20 sq. km, it will be the sixth reservoir in Tiruvallur to meet the rapidly growing water needs of the metropolis.

➤ **Deen Dayal Upadhyay Panchayat Sashaktikaran Puraskar**

- ✓ Twelve panchayats in Tamil Nadu - bagged the annual national panchayat awards 'Deen Dayal Upadhyay Panchayat Sashaktikaran Puraskar' of the Union ministry of panchayati raj for 'best performance'.

➤ **Urban Health and Wellness Centres (UHWC)**

- ✓ The Greater Chennai Corporation - will soon set up 200 urban health and wellness centres (UHWC) on the lines of 'Aam Aadmi Mohalla' clinics in Delhi.
- ✓ The clinics, set up mostly in congested and slum areas, will serve as a linkage between local community health and higher healthcare facilities.

➤ **Chess Olympiad to be held in Mamallapuram**

- ✓ A memorandum of understanding (MOU) was signed between the Tamil Nadu government and the All India Chess Federation (AICF) in the presence of Chief Minister M.K. Stalin for holding the Chess Olympiad.

An official release said the 44th Chess Olympiad would be held in Mamallapuram between July **28 and August 10**, and 2000 players from over 186 countries would participate in the event.

➤ **Perarivalan**

- ✓ The Supreme Court ordered release of **Perarivalan**, a convict in the Rajiv Gandhi assassination case, **invoking powers under Article 142 of the Constitution (complete justice)**.

➤ **DISHA**

- ✓ Chief minister M K Stalin - chaired the first state level review of the District Development Coordination and Monitoring Committee (DISHA).
- ✓ During the meeting, the CM reviewed the implementation of six major schemes in the state.

➤ **Nanjarayan Tank - Tamil Nadu's New Bird Sanctuary**

- ✓ The Nanjarayan Tank is recently declared the **17th bird sanctuary** of Tamil Nadu.
- ✓ Nanjarayan Tank is located on the outskirts of **Tirupur city** around 60 kilometers from Coimbatore, Tamil Nadu.
- ✓ It was built by **King Nanjarayan** as a source for irrigation. It is also known as **Sarkar Periyapalayam Reservoir**.

➤ **Kalaignarin Anaithu Grama Orunginaintha Velan Valarchi Thittam**

- ✓ The scheme is aimed at **increasing cultivable area** by bringing fallow lands **under cultivation, augmenting water resources, increasing productivity** to benefit the farmers.

➤ **Mettur Dam**

- ✓ This is the **first time water is being discharged in May since Independence**.
- ✓ Chief Minister M.K. Stalin on Tuesday raised the shutters of the Mettur dam for the Kuruvai cultivation in the Cauvery delta districts, marking the opening of the dam for the first time in May since Independence.
- ✓ This was the first time that water was released in May instead of on the customary date of June 12. (In 2011, water was released on June 6.)

➤ **Ilaignar Thiran Thiruvizha**

- ✓ The Tamil Nadu government will organise 'Ilaignar Thiran Thiruvizha' at 388 places across the State to create **awareness** among the **youth on the employment potential** of various sectors and the **training opportunities** available to them to improve their skills.

➤ **PM Unveils Infra Projects worth 31,530 crore in State**

- ✓ Prime Minister Narendra Modi laid the foundation stone for **11 infrastructure** projects worth about **31,530 crore** in Tamil Nadu, across **railways, highways and housing sectors**.
- ✓ The projects include the 14,872-crore, 262 km Bangalore-Chennai expressway, 5,852-crore four-lane elevated road in Neraluru to Dharmapuri section, about 2,900 crore worth Railways projects, a natural gas pipeline project and 1,428-crore multi-modal logistics park near Chennai.

➤ **Portal for Women to Self-Register Pregnancy**

- ✓ The **Directorate of Public Health** launched a portal to enable pregnant women to self-register for the **unique RCH number**. The **number is mandatory to obtain birth certificates**.
- ✓ **Pregnancy and Infant Cohort Monitoring and Evaluation system** was introduced in **2008** to enable registration of pregnancy and encourage institutional childbirth.

➤ **Dak Adalat**

- ✓ The **Department of Posts** will conduct a "**Dak Adalat**" at the office of the Senior Superintendent of Post Offices, Chennai city north division, Ethiraj Salai, Egmore, on June 14 at 11 a.m.

➤ **Nutrition Garden**

- ✓ A garden to create awareness on the importance of nutrition during the 1,000 days from pregnancy till a child attained the age of two was inaugurated at the **Chengalpattu Medical College Hospital** by Health and Family Welfare Minister.
- ✓ The garden, which is called the '1,000 days of life nutrition garden', was developed under the **corporate social responsibility** initiative of the **Indian Oil Corporation Ltd.**

- **AKRUTI to Take Roots in Kudankulam**
- ✓ **The Nuclear Power Corporation of India Limited**, which is assisting unemployed youth living in 16 village panchayats near the **Tarapur Atomic Power Station (TAPS)** through its **Advanced Knowledge and Rural Technology Implementation (AKRUTI)** programme, is all set to launch a similar initiative in the villages surrounding **Kudankulam Nuclear Power Project (KKNPP)**.

- **Ranipet**
- ✓ The newly carved out Ranipet district in the state - has set a **world record by collecting 186.9 metric tonnes of plastic waste materials in just three hours**.
- ✓ Earlier, Switzerland held the world record for collecting **128 metric tonnes of plastic waste materials in three hours**.

- **Ennum Ezhuthum Mission**
- ✓ The state government - will implement “Ennum Ezhuthum Mission” from 2022-23 academic year to ensure all students up to **eight years** are able to **read** and possess **basic arithmetic skills by 2025**.
- ✓ The mission seeks to **bridge the 17 months learning gap due to Covid-19 pandemic among primary school students**.

- **State Advisory Board on Disability**
- ✓ The Tamil Nadu government has **reconstituted** the State Advisory Board on disability, as mandated by the **Rights of Persons with Disabilities (RPwD) Act, 2016**.
- ✓ According to the Act, the advisory board is expected to facilitate continuous evaluation of a comprehensive policy for the empowerment of persons with disabilities.
- ✓ The Board will be **headed by Chief Minister M.K. Stalin**.

- **People’s Movement for Clean Cities**
- ✓ Chief minister M K Stalin - kicked off the ‘People’s Movement for Clean Cities’ drive in **Royapuram, Chennai on June 5**.

- **Anaithum Saathiyam**
- ✓ Chief Minister M K Stalin - inaugurated ‘**Anaithum Saathiyam**,’ a **museum of possibilities for the people with disabilities**.

- ✓ Established at a cost of Rs.1 crore, the museum on **Kamarajar Salai showcases** accessible devices, assistive technologies and a model accessible home.
- ✓ It will help the disabled persons to learn and use assistive devices.
- **State Food Safety Index 2021-2022**
- ✓ **Tamil Nadu - has bagged the first rank among large states** in the State Food Safety Index 2021-2022.
- ✓ State food safety commissioner P. Senthilkumar received the award from **Union health minister Mansukh Mandaviya on June 7, World Food Safety Day**
- ✓ The award was for the State's overall performance on various parameters of food safety.
- **Nalaya Thiran**
- ✓ Tamil Nadu launched Nalaya Thiran **skilling programme for college students**.
- ✓ The Tamil Nadu government recently launched **Naan Mudhalvan** (I am the first). Under this programme, Tamil Nadu government has now launched Nalaya Thiran (Tomorrow's ability).
- ✓ In this programme, 50,000 college students will train with the knowledge in computer science, electronics and IT domains, skilling them on problem solving using technologies.
- ✓ The Tamil Nadu government has created the Nalaya Thiran program to help the industry get skilled students.
- **S2G Buy Day**
- ✓ Tamil Nadu Startup and Innovation Mission TANSIM (**StartupTN**) - has launched S2G Buy Day to link **entrepreneurs and the government**, as part of the initiative to strengthen the startup ecosystem in the state.
- ✓ Under the initiative, government departments and public sector undertakings will be allowed to directly procure innovative products and services valued up to Rs. 50 lakh from startups in Tamil Nadu.
- **HomoSEP**
- ✓ HomoSEP, a **robot to clean septic tank** would shortly be deployed across the State.
- ✓ The robot was developed by researchers of the **Indian Institute of Technology, Madras**. It does not require human intervention and can be operated above ground by sanitation workers.

➤ **BharatNet Scheme**

- ✓ Chief Minister M.K. Stalin virtually inaugurated a project to lay optical fibre cable under BharatNet scheme at an estimated cost of 1,627.83 crore.
- ✓ Tamil Nadu FibreNet Corporation (TANFINET- a special purpose vehicle) will implement the project, which aims at **providing 1 Gbps bandwidth** connectivity to all 12,525 village panchayats in the State.
- ✓ “The project aims at providing digital services, e-education, telemedicine and triple-play services to all village panchayats in the State at affordable cost.

➤ **ICF: A Global Success Story**

- ✓ The **Integral Coach Factory (ICF)** in Chennai, one of independent India’s earliest indigenous production units inaugurated by then Prime Minister Jawaharlal Nehru in **October 1955, is on a roll.** Arguably the **largest coach making facility in the world**, the ICF’s Furnishing Division was commissioned in October 1962.

➤ **Kanavu Illam Scheme**

- ✓ Chief Minister M K Stalin - distributed house site pattas to **six Tamil scholars** under ‘Kanavu Illam’ scheme on June 3, the birth anniversary of late DMK leader M. Karunanidhi.

➤ **Ennum, Ezhuthum Mission**

- ✓ On June 13, Tamil Nadu chief minister M K Stalin - launched ‘Ennum, Ezhuthum Mission’ at Azhinjivakkam panchayat union middle school in Tiruvallur district.
- ✓ It is a literacy and numeracy mission that seeks to make all children up to eight years read and write, do basic math without any mistakes.

➤ **Information Technology and Digital Services Department**

- ✓ The state Information Technology department - has been renamed **Information Technology and Digital Services department.**
- ✓ The department was established in **1998** under the DMK government headed by Dr. M Karunanidhi to support the growth of the IT industry.
- ✓ The government has ordered the change in name to strengthen the growth of emerging technologies and digital technology services.

➤ **Thozhilanangu**

- ✓ On June 18, Finance minister Palanivel Thiaga Rajan - launched the **pilot project 'Thozhilanangu' in Madurai Central constituency.**
- ✓ Thozhilanangu is an initiative of Tamil Nadu Startup and Innovation Mission (Tansim).
- ✓ It aims to **promote mass entrepreneurship among women** from economically weaker sections in **non-metros.**

➤ **Tamil Nadu Centre of Excellence in Advanced Manufacturing (TANCAM)**

- ✓ Chief Minister M.K. Stalin inaugurated the Tamil Nadu Centre of Excellence in Advanced Manufacturing (TANCAM), set up at a cost of **212 crore, at TIDEL Park in Chennai.**

TANCAM has been established by **Dassault Systèmes** and the Tamil Nadu Industrial Development Corporation (**TIDCO**) based on the **hub and spoke model.** It would support **start-up entrepreneurs and micro, small and medium enterprises** with inputs to improve their competitiveness for the local and global markets.

➤ **Kalloori Kanavu**

- ✓ Tamil Nadu Chief Minister, MK Stalin - launched a career guidance programme for Class XII students to help them **choose a college degree and subsequently a career path in the future.**

➤ **Performance Grade Index-District (PGI-D) 2019-20**

- ✓ In Tamil Nadu, **Dharmapuri and Villupuram districts** - were ranked as the top districts having **better learning outcomes,** as per the Performance Grade Index-District (PGI-D) 2019-20 report released.
- ✓ These two districts secured "**Ati-Uttam**" (a second grade with 71% to 80% score) in the education index **released by the Union ministry of education.**
- ✓ Surprisingly, Chennai with better infrastructure is among the bottom 10 districts with an overall score of 395 of 600.

➤ **CM Unveils Five SIDCO Industrial Estates**

- ✓ Tamil Nadu Chief Minister M.K. Stalin unveiled five SIDCO industrial estates, set up in Chengalpattu, Namakkal, Pudukkottai, Salem and Tiruvannamalai districts at a total cost of 171.24 crore.
They are expected to provide direct employment to 7,200 persons and indirect employment to over 15,000 persons.

➤ **Suriya**

- ✓ Suriya - has become the **first Tamil actor invited to be a member of the Oscar family**. The actor is among 397 artists invited to join the Academy of Motion Picture Arts and Sciences.
- ✓ Suriya was selected for his work in the films **'Jai Bhim' (2021) and 'Soorarai Pottru' (2020)**.

➤ **Second Tamil Nadu Housing Sector Strengthening Program**

- ✓ **The World Bank** - has approved a \$190 million loan to Tamil Nadu to address the housing needs of the lower-income groups and vulnerable population.
- ✓ This newly approved **'Second Tamil Nadu Housing Sector Strengthening Program'** is the second of a series of two single-tranche operations.

➤ **Life Sciences Policy and Research & Development Policy**

- ✓ Tamil Nadu chief minister M K Stalin - unveiled two new policies - Tamil Nadu Life Sciences Policy 2022 and Tamil Nadu Research & Development Policy 2022 - at the Tamil Nadu-Investors **First Port of Call investment** conclave in Chennai.
- ✓ These policies seek to define the growth of life sciences and research & development in the state.

➤ **i-Tamil Nadu Technology (iTNT)**

- ✓ Tamil Nadu - launched the i-Tamil Nadu Technology (iTNT) hub in September this year.
- ✓ iTNT hub will coordinate efforts to use technologies such as artificial intelligence, machine learning and blockchain to solve complex challenges in various sectors like agriculture, health or education.

➤ **Green Tamil Nadu Mission**

- ✓ The state environment department - is all set to launch its **'Green Tamil Nadu Mission'** on August 15.
- ✓ Under the mission, a massive **tree plantation programme of indigenous and diverse species**, in coordination with multiple departments, public and private institutions, will be taken up over the **next 10 years**.

➤ **President's Colours**

- ✓ Tamil Nadu police department - will be awarded the prestigious **President's Colours**.

- ✓ President's colour is the **highest honour** that is bestowed upon the military, paramilitary and police forces of the State/Union Territory.
- ✓ The state police will thus be the **first police force in South India to be bestowed with the prestigious honour and the tenth in the country.**

➤ **Tamil Nadu Day**

On **July 18**, Chief Minister MK Stalin - participated at the **Tamil Nadu Day** celebrations at **Kalaivanar Arangam in Chennai** via video conferencing.

- ✓ Former Chief Minister CN Annadurai renamed Madras State as 'Tamil Nadu' on **July 18, 1967**, which was the **biggest achievement of the Dravidian model**, said the CM.
- ✓ On **31 October 2021**, CM Stalin had announced that **July 18** would be observed as **Tamil Nadu Day** against the earlier practice of **November 1**.

➤ **Smart Manufacturing and Digital Transformation Centre (SMDTC)**

- ✓ **The Indian Institute of Technology-Madras has launched a smart manufacturing and digital transformation centre (SMDTC)** to focus on collaborative research and innovation in **smart process** intelligence, 5G enablement and smart manufacturing supply chain collaboration.

The centre will create foundation elements of manufacturing execution system, **internet of things (IoT)** database and manufacturing intelligence software platforms for Indian **MSMEs** that adopt **industry 4.0 practices**.

➤ **National Family Health Survey-5 (NFHS)**

- ✓ A total of 63% of houses in the rural Tamil Nadu - had toilets, as per the National Family Health Survey-5 (NFHS) findings.
- ✓ As per the study, the accessibility to toilets in rural **Tamil Nadu was 63.3%**, which was **lower than the national average of 64.9% (rural India)**.
- ✓ The NFHS survey indicated that the accessibility to toilets in rural Tamil Nadu was **1.6% lesser than the national average**.

➤ **Startup TN offers TANSEED Funding**

- ✓ The Tamil Nadu Start-up and Innovation Mission (TANSIM / StartupTN) is inviting applications for Tamil Nadu Start-up **Seed Grant Fund (TANSEED) 4.0**.

✓ Under this scheme, financial support of up to **10 lakh** each will be provided to **early-stage start-ups**. It is aimed at **bridging the gap in fund requirements of start-ups during their early stages**.

➤ **Uyirthuli**

✓ Breastfeeding anthem '**Uyirthuli**' released.

✓ J. Radhakrishnan, Principal Secretary, Department of Cooperation, Food and Consumer Protection, on Saturday released '**Uyirthuli**', an **anthem to create awareness on breastfeeding**.

➤ **Doctor Search**

The Tamil Nadu Medical Council - has launched a **new mobile application 'Doctor Search'**.

✓ The app will provide **names, qualifications and contact information about licensed medical practitioners**.

✓ Using the App, patients can search the doctors using the pin code of the area they resides and also search according to their medical needs.

➤ **Manavar Manasu**

✓ School education minister Anbil Mahesh Poyyamozi - announced that the government is planning to introduce an online version of '**Manavar Manasu**' **complaint box**.

✓ The complaint box was launched to help the student community raise their grievances and share their suggestions and feedback.

✓ Further, the government is planning to introduce a similar complaint box for teachers.

➤ **Global Tiger Day - July 29**

✓ Anti-poaching watchers **M Maadhan, Bomman and Meen Kalan** attached to the Mudumalai Tiger Reserve in the Nilgiris - have been selected for **an award on Global Tiger Day on July 29**.

✓ The award is given by the National Tiger Conservation Authority for their extraordinary performance in the field.

✓ The role of the three watchers was considered very important in capturing **MDT-23** tiger alive in the reserve forest.

➤ **Programme For Inclusive Education**

- ✓ A State-wide programme for inclusive education, to be implemented jointly by **Amar Seva Sangam**, a NGO working for disability management, and the Tamil Nadu State Mission of Education for All - **Samagra Shiksha**, was launched by Chief Minister M.K. Stalin.
- ✓ The Tamil Nadu government signed an **MoU with Amar Seva Sangam** for the programme, which would be taken forward through 'Enabling Inclusion', a **digital rehab platform**.

➤ **Ramsar Site Tag**

- ✓ The **Pallikaranai marshland** in Chennai, the **Karikili bird sanctuary** near Vedanthangal in Chengalpattu and the mangrove forests of Pichavaram in Cuddalore district - are among five Indian wetlands that have got the coveted Ramsar site tag.
- ✓ **Tamil Nadu now has four Ramsar sites including Kodiakkarai.** Pallikaranai marshland is the **first urban natural wetland in the heart of a metropolitan city** to be able to meet stringent qualifying criteria laid out by the Ramsar Convention.

➤ **Chief Minister's Breakfast Scheme**

- ✓ The Tamil Nadu government - to implement the 'Chief Minister's Breakfast Scheme' at 1,545 government primary schools to benefit 1.14 lakh children in classes 1 to 5.
- Cooked meal of 150-500-gram breakfast with sambar with vegetables to students
- ✓ Chief Minister MK Stalin announced the scheme and presided over the awareness event at the Government Girls Higher Secondary School at **Ashok Nagar**.
- ✓ This is supposed to be the **first of its kind initiative in the entire country** to ensure nutrition among school children.

➤ **Agrisakthi**

- ✓ **Selva Murali of Mathur village** in Krishnagiri district - has received an **award** from the ministry of electronics and information technology (MeitY) for developing an **app for farmers**.
- ✓ The new App developed by Murali 'Agrisakthi' provides **information on products, insurance, nutrition, market price and agriculture training among others**.
- ✓ He received the award from **Appscale Academy**, a startup hub of MeitY, in New Delhi.

➤ **T.N. Global Tiger Summit**

- ✓ The Tamil Nadu government will organise the 'T.N. Global Tiger Summit', in partnership with the Government of India, in Chennai in October this year.

Tamil Nadu was home to nearly **10% of India's tiger population, with 264 tigers**, he said, quoting the National Tiger Conservation Authority.

➤ **Chennai's Second Greenfield Airport**

- ✓ Chennai's second Greenfield airport - will come up in **Parandur** of Kancheepuram district near Sriperumbudur at an estimated expense of **Rs. 20,000 crore**.
- ✓ The plan is to build an airport that will have two parallel runways and terminals to handle around **20 million passengers a year**.
- ✓ The site is to be developed as a huge aero city with facilities for maintenance and repairs, aviation ancillary units, and commercial establishments.

➤ **T.N. to host Indian History Congress Session**

- ✓ After a gap of 25 years, an **educational institution in Tamil Nadu is set to host the annual session of the Indian History Congress (IHC)**.
- ✓ **The 81st session of the IHC would be hosted by Madras Christian College (MCC) in Chennai in December.**

➤ **Queen's Commonwealth Canopy (QCC)**

- ✓ The '**Longwood Shola**' forest in **Kotagiri in the Nilgiris** - has been awarded the **Queen's Commonwealth Canopy (QCC) accreditation**.
- ✓ This is a **first of its kind honour for Tamil Nadu** and second in the entire country.

Tillari Conservation Reserve (TCR) in Maharashtra was the first in the country to get this accreditation in March 2021.

➤ **Ramsar Recognition**

- ✓ **Six More Wetlands in T.N. get Ramsar Recognition.**
- ✓ Chief Minister M.K. Stalin on Wednesday announced that six more wetlands in the State have become Ramsar sites.
 1. Koonthankulam Bird Sanctuary.
 2. Gulf of Mannar Marine Biosphere Reserve.
 3. Vembannur Wetland Complex.
 4. Vellode Bird Sanctuary.
 5. Vedanthangal Bird Sanctuary.

6. Udhayamarthandapuram Bird Sanctuary, got the Ramsar site recognition.

➤ **Tamil Nadu Road Sector Project (TNRSP)**

- ✓ Chennai-based Indian Road Survey & Management - to use **Australian data-collection vehicles** to survey city roads and highway stretches constructed and maintained by Tamil Nadu Road Sector Project (TNRSP).
- ✓ TNRSP, an entity under the state highways department, selected IRSM through a tender process two years ago to assess roads covering 40,000 km.

➤ **Konthagai Excavation Site**

- ✓ **Carnelian beads** unearthed in Konthagai excavation site.
- ✓ A cluster of **74 carnelian** beads was unearthed at Konthagai in **Sivaganga district, which is part of the Keeladi cluster.**
- ✓ This is the **first time** that carnelian beads have been found at **this burial site.** The beads were found inside an urn.

➤ **Enforcement Bureau - Crime Investigation Department**

- ✓ Chief minister M K Stalin - announced creation of a new wing of **Police 'Enforcement Bureau - Crime Investigation Department'** to strengthen the **fight against drugs.**
- ✓ The new department is formed after merging the prohibition enforcement wing and the narcotics intelligence bureau CID to attain the target of "Drug Free Tamil Nadu".

➤ **Folk Art, Music and Theatre - T.N. Govt. Schools**

- ✓ Following an announcement made earlier this year on a focussed effort to introduce **extra-curricular and co-curricular activities in government schools, the Tamil Nadu School Education Department** is working on rolling out initiatives including folk art, music, and theatre in the coming months.
- ✓ The Education Department had said that **two periods a week** would be allotted for students of **Classes VI to IX** for extra and co-curricular activities.

➤ **Elephant Reserve at Agasthiyamalai**

- ✓ On August 12, the Centre - has announced the establishment of another **elephant reserve at Agasthiyamalai** in Tirunelveli District, on the occasion of **World Elephant Day**.
- ✓ It will be the **32nd elephant reserve in the country** and the **fifth in Tamil Nadu**.
- ✓ This takes the number of elephant reserves in the country to 32 including at Nilgiris, Nilambur, Srivilliputhur and Anamalai in Tamil Nadu.

➤ **Agriculture Infrastructure Fund (AIF)**

- ✓ The **Union government** - has allotted **Rs.5,990 crore** as **Agriculture Infrastructure Fund (AIF)** for Tamil Nadu for reducing **post-harvest losses**.
- ✓ The AIF is a **medium-to long-term debt financing facility** for investment in post-harvest management infrastructure and projects for community agricultural assets.

➤ **Ramsar Site**

- ✓ On August 13, Tamil Nadu - got the prestigious Ramsar site tag for four more wetlands.
- ✓ This takes the number of wetlands in the state with the tag of international importance under the **Ramsar Convention to 14**.
- ✓ This is **the highest in the country followed by Uttar Pradesh with 10**. **Vadavoor bird sanctuary** in Tiruvarur district, **Kanjirankulam and Chitrangudi** bird sanctuaries in **Ramanathapuram** district and **Suchindram Theroor** in **Kanniyakumari** district are the latest additions from the state to the prestigious list.

➤ **Neidhal Salt**

- ✓ Tamil Nadu Chief Minister launched 'Neidhal' salt.
- ✓ Tamil Nadu produces about 8% (24 lakh MT) of the 300 lakh MT of salt produced in the country.
- ✓ This state is the **second-largest salt-producer** in the country **after Gujarat**.
- ✓ Tamil Nadu Salt Corporation was established in **1974**. It is the only **State government-owned establishment** that manufactures salt and salt-based products in the country.

➤ **National Common Mobility Card (NCCM)**

- ✓ Tamil Nadu - has joined the National Common Mobility Card (NCCM) programme.
- ✓ Under the initiative, bus **commuters in Chennai, Coimbatore and Madurai** can travel cashless soon.
- ✓ The National Common Mobility Card (NCCM) is an interoperable transportation card created by the **Ministry of Housing and Urban Affairs (MoHUA)**.

The user can use the single transit card to pay for travel, toll duties, retail purchases, and cash withdrawals.

➤ **USNS Charles Drew**

- ✓ **US navy's dry cargo ship USNS Charles Drew - completed its repairs at Kattupalli shipyard.**

➤ **Footwear and Leather Products Policy**

- ✓ **Tamil Nadu - has become the first state to unveil an exclusive footwear and leather products policy.**
- ✓ The policy includes non-leather footwear which has a growing global demand.
- ✓ It seeks to attract Rs.20,000 crore in fresh investments and generate employment for two lakh people by 2025.
- ✓ The policy aims to transform Tamil Nadu into a favoured destination for footwear and leather products manufacturing in Asia.
- ✓ Foundation stone for a mega footwear manufacturing park at Panapakkam, Ranipet was laid.

➤ **Tamil terms to address LGBTQIA+ Community**

- ✓ In a first for the country, Tamil Nadu - has issued a government order (GO) publishing glossary of Tamil terms to address LGBTQIA+ community members.

The glossary includes terms such as **Thirunangai** (transgender woman), **Thirunambi** (transgender man), **Paal Puthumaiyar** (queer), **Oodupal** (intersex), among others.

- ✓ The glossary, notified in English and Tamil, was published in the gazette of the **Social Welfare and Women Empowerment department**

- **Credit Guarantee Scheme for MSMEs**
- ✓ Chief Minister M.K. Stalin launched **Tamil Nadu Credit Guarantee Scheme (TNCGS)** and **Tamil Nadu Trade Receivables Discounting System (TN TReDS)** for **Micro, Small and Medium Enterprises (MSMEs)**.
- ✓ The TNCGS will operate with the Credit Guarantee Trust for **Micro and Small Enterprises (CGTMSE)** of the Union government and extend **90% guarantee for eligible loans up to 40 lakh**. For loans above **40 lakh** and less than **2 crore**, eligible loans will get **80% guarantee**. The State government has made an allocation of 100 crore for this scheme.

- **Government e-Marketplace (GeM)**
- ✓ T.N. has **third largest number of vendors registered with GeM**.
- ✓ The State is placed behind Maharashtra and Uttar Pradesh.

- **Five PHCs in T.N. get NABL Certification**
- ✓ Five Primary Health Centres in **Tamil Nadu** have obtained the **National Accreditation Board for Testing and Calibration Laboratories (NABL)** certification.
- ✓ Health Minister Ma. Subramanian said this was the **first time** in the country **that PHCs have obtained the certification**.
- ✓ The Additional PHC at Thalavaipattinam, Tiruppur district; the PHCs at Venkittankurichi in Ramanathapuram district, Mappilaiurani in Thoothukudi and Thoivalai in Kanniyakumari district; and the PHC at Patchur in Tirupattur district have obtained the certification for medical testing labs (entry-level).

- **App for Urban E-services and Tax Payments**
- ✓ Minister for Municipal Administration K.N. Nehru launched a mobile app '**TN urban e-sevai**' for strengthening the **grievance redress mechanism and paying taxes**.
- ✓ He also launched a **monthly magazine Ezhilmigu Nagaram**.

- **Tamil Nadu Trade Receivables Discounting System (TN TReDS)**
- ✓ TN TReDS is an **Enterprise Resource Planning (ERP)** platform that will tackle issues with payments for supplies made to larger enterprises.
- ✓ This platform will be accessible to all **state-owned enterprises, statutory boards, corporations, and apex cooperatives**.

✓ If the state entity does not pay the MSMEs that are on the TReDS platform by the end of the 179th day, **TAICO Bank will settle the dues for the bills that were uploaded to TN TReD! on the 180th day.**

➤ **FaMe-TN (Facilitating MSMEs of Tamil Nadu)**

✓ Mr. Stalin renamed the **MSME Trade and Investment Promotion Bureau (M-TIPB)** as "**FaMe TN**" during the event.

✓ FaMe TN has signed Memorandums of Understanding (Molls) with the **World Resources Institute (WRI)**, the Institute of Chartered Accountants of India (**ICAI**), and the Open Network for Digital Commerce (**ONDC**).

➤ **Karikiyoor Rock Paintings**

✓ It is located in the **Nilgiris district** of Tamil Nadu.

✓ It is a series of over 300 images etched on the side of the cliff-face in Kothagiri.

✓ It is believed to be more than 5,000 years old as no scientific dating has been done on the site.

✓ Depict a gradual shift from a hunter-gatherer lifestyle in the initial drawings to a pastoral and, eventually, a settled agrarian lifestyle.

✓ **Irulas and the Kurumbas**, have an attachment to these sites.

➤ **Tamil Vazhi Payirchi**

✓ **The National Programme on Technology Enhanced Learning (NPTEL) of IIT Madras** - has launched 'Tamil Vazhi Payirchi,' a **remediation programme for children with dyslexia** studying in Tamil medium.

✓ The initiative has been launched in association with the Madras Dyslexia Association (MDA) on September 2, 2022.

➤ **Pudhumai Penn**

✓ **On September 5**, Tamil Nadu Chief Minister M.K. Stalin - launched the **Moovalur Ramamirtham Ammaiyar Higher Education Assurance scheme titled 'Pudhumai Penn'** at a function in Chennai.

✓ During the occasion, Arvind Kejriwal also unveiled 26 schools of excellence and 15 model schools set up by the Tamil Nadu government

✓ '**Thagaisal Palligal**' and '**Mathiri Palligal**' are the official Tamil names for the **schools of excellence and Model Schools**.

✓ Under the 'Pudhumai Penn' scheme, all girl students, who studied from **Classes 6 to 12 in government schools**, will get **Rs. 1,000 per month** to pursue higher education

✓ The assistance will be directly credited into the bank account of the students till the completion of their undergraduate degree, diploma and ITI courses.

➤ **T.N. Top in Murder of Seniors in 2021**

✓ Tamil Nadu is among the few States with a high percentage of elderly population. According to the Elderly in India 2021 report released by the Union Ministry of Statistics and Programme Implementation, the percentage of the projected elderly population in **Tamil Nadu was 13.6 – the second highest in the country. Kerala had the highest, with 16.5% of its population aged above 60.**

✓ A closer analysis of the data showed that Tamil Nadu also had the highest crime rate when it came to murders of elderly people.

➤ **STEM Labs**

✓ To take the benefits of Science Technology Engineering and Mathematics (STEM) closer to children, eight government schools in and around Chennai will get STEM labs through a project initiated by Fiserv, a global company dealing in payments and financial services technology.

✓ **The first lab was inaugurated at the Saidapet Government model higher secondary school in the city.**

➤ **Arignar Anna Zoological Park**

✓ The Arignar Anna Zoological Park in Vandalur - has been **ranked best in the country among the category of large zoos.**

✓ This was revealed based on the '**management effectiveness evaluation**' (MEE) test, which was conducted for each zoo by the Union ministry of environment, forests and climate change.

✓ This is the first **time Vandalur zoo has got the star rating** for performing well in maintaining its objectives and zoo landscape.

➤ **Aadukalam**

✓ On September 12, Chief Minister M K Stalin - launched an information centre, '**Aadukalam**' for the benefit of sportspersons in the state.

✓ The Aadukalam information centre is functioning at the office of the **Sports Development Authority of Tamil Nadu** between 10am and 5pm on all working days.

➤ **Kalyani**

- ✓ **Chennai's first ever street composter**, Kalyani - has started functioning on Arundale Beach Road in Besant Nagar's Kalakshetra Colony.
- ✓ It is a bin set up by Environmentalist Foundation of India and Residents of Kasturba Nagar Association (ROKA).
- ✓ The composter has converted about 600kg of wet waste generated in the locality into 300kg of manure within a week.
The composter was set up based on the success of similar decentralized waste management system in **Bengaluru's SSR Layout**.

➤ **17th Bird Sanctuary**

- ✓ On September 13, the Tamil Nadu government - notified an order to set up the **17th bird sanctuary in Tamil Nadu at Nanjarayan Tank in Tiruppur district**.
- ✓ The 125.8 hectares of Nanjarayan tank, which is also known as **Sarkar Periyapalayam reservoir**, at Uthukuli taluk in Tirupur shall be developed as the bird sanctuary under Wildlife (Protection) Act,1972. Earlier in December 2021, the government declared the Kazhuvveli wetland located near Villupuram as the '**Kazhuvveli Birds Sanctuary**', which is **the 16th bird sanctuary in the state**.

➤ **Students in Responsible Police Initiatives (Sirpi)**

- ✓ The scheme, **designed by the police and school education department**, is being implemented at a cost of Rs 4.25 crore
- ✓ The programme will be **first rolled out by Greater Chennai Police**.
- ✓ Under SIRPI, officers will offer classes in physical fitness, sports and drills to inculcate discipline and social awareness among school students

➤ **Narikoravan and Kurivikkaran**

- ✓ The Union Cabinet chaired by Prime Minister Narendra Modi - approved a proposal to grant scheduled tribe (ST) status to the **Narikoravan and Kurivikkaran communities in Tamil Nadu**.
- ✓ In this regard, Chief Minister M K Stalin had written a letter to the PM on March 19 this year, mentioning about the **Lokur committee's recommendation in 1965** and seeking the inclusion of the two communities in the ST list.

- **Mudalamaicharin Kaalai Unavu Thittam**
- ✓ Chief Minister M K Stalin - inaugurated the free nutritious breakfast scheme for government primary school students at **Aadhimoolam corporation primary school in Madurai.**

- **Thol Koduppom Thozhilkku**
- ✓ Chief minister M K Stalin - unveiled new schemes to facilitate **growth of the MSME sector** in the state at the 'Thol Koduppom Thozhilkku' regional conference held in **Madurai.**
- ✓ The Chief Minister launched an **online facility of Sidco** through which industrialists running their plants in its industrial estates can avail 12 services like NOC for bank loan, drinking water supply, sale deed and other things.

- **Third Tidel Park**
- ✓ The CM announced that the **state's third Tidel Park** would be set up at a cost of **Rs. 600 crore in Madurai.**
- ✓ **The information technology park**, which would create 10,000 jobs, would be built on five acres land near **Mattuthavani** in the first phase, and would be expanded by another five acres in the second phase.

- **School Innovation Development Project**
- ✓ The CM inaugurated the 'School Innovation Development Project' which will be implemented in **government and aided schools** to develop the vocational skills of the students.
- ✓ In the first phase, around 1.56 lakh students from **Class IX to Class XII** and **3,120** teachers will be **trained on entrepreneurship skills.**

- **CARE (Covid Assistance and Relief to Entrepreneurs) Scheme**
- ✓ The CM also launched the CARE (Covid Assistance and Relief to Entrepreneurs) scheme that will provide **monetary assistance to MSMEs** affected by the pandemic.
- ✓ The state government has set aside **Rs.50 crore grant to CARE scheme** to help the industrialists affected by Covid-19.
- ✓ The Chief Minister added that Rs. 20.13 crore loan has been disbursed to 81 MSMEs **without any collateral under the Tamil Nadu Credit Guarantee Scheme** ever since the scheme was launched last month.

➤ **Kisan Credit Cards (KCC) - T.N**

- ✓ Private sector lender Federal Bank in association with the Reserve Bank Innovation Hub and the State government announced a pilot project for the issue of **instant Kisan Credit Cards** in select districts of Tamil Nadu.
- ✓ Under the digital facility, small and marginal farmers would be extended term or crop loan of up to 1.60 lakh without any collateral.

➤ **Dugong Conservation Reserve**

- ✓ The state government - **notified India's first ever 'Dugong Conservation Reserve' in the Palk Bay.**
- ✓ The move was aimed at conserving the **endangered species** and help protect and improve other marine animals

➤ **Engirunthum Enthanerathilum**

- ✓ Chief Minister M K Stalin - launched a new online facility of the Revenue department enabling the public to apply for patta (land documents) transfer of lands from any part of the State.

➤ **Tamil Parappurai Kazhagam**

- ✓ Chief minister M K Stalin - launched a new mission "Tamil Parappurai Kazhagam" and released **first-level textbooks** to teach **Tamil in 24 different languages** including Spanish, Japanese, French, Chinese, German and in Indian languages.
- ✓ The mission aims to teach and spread Tamil language across the globe.

➤ **Green Tamil Nadu Mission**

- ✓ Chief Minister M K Stalin - launched the Green Tamil Nadu Mission at **Arignar Anna Zoological Park in Vandalur.**
- ✓ The Mission is aimed at increasing the state's green cover from **23.7% to 33% in the next 10 years.**
- ✓ Green Tamil Nadu Mission is a flagship scheme of the **Tamil Nadu Green Climate Company** - a new special purpose vehicle created by the state government.

➤ **NA Snehan**

- ✓ NA Snehan from Theni district in Tamil Nadu - became the **youngest to cross the North Channel between Ireland and Scotland.**
- ✓ A Class IX student of Shanti Niketan School in Theni, Snehan swam the 35-km North Channel.

✓ The team started swimming from **Robbie Island** in Northern Ireland and reached **Port Patrick in Scotland** on the same day.

➤ **Sittanavasal**

✓ A small village in Pudukottai district of Tamil Nadu was a major centre of **Jain influence for 1,000 years just before the Christian era.**

✓ Sittanavasal is the name used synonymously for the hamlet and the hillock that houses the **Arivar Kovil** (temple of Arihats – Jains who conquered their senses), **Ezhadipattam** (a cavern with 17 polished rock beds), megalithic burial sites and the Navachunai tarn (small mountain lake) with a submerged shrine.

➤ **Thisaidhorum Dravidam**

✓ Thisaidhorum Dravidam': vast and liberating expanse of **translation.**

✓ An initiative of the **Tamil Nadu Textbook and Educational Services Corporation** (TNTB & ESC) to **identify and translate Tamil literary works into English and other Dravidian languages,** 'Thisaidhorum Dravidam' has picked up steam.

✓ The TNTB & ESC is also running two other projects – 'Muthamizh Arignar Mozhipeyarppu Thittam' (MAMT) for translating technical books into Tamil and '**Ilanthalir Ilakkiya Thittam**' aimed at attracting children categorised in different age groups.

➤ **Chief Minister's Fellowship Scheme - 2022-24**

✓ The Tamil Nadu Chief Minister's Fellowship Programme for 2022-24 was launched in the city, with 30 Fellows who will be working in identified thematic areas on the research and implementation of schemes.

✓ 30 Fellows have been chosen as part of the first cohort. They will work in areas including water resources, agricultural production, skill development and entrepreneurship and education.

➤ **TamiraSES**

Tirunelveli district administration – has launched a joint project named '**TamiraSES**' for the **restoration of the Thamirabarani river.**

✓ The project will be implemented jointly by Bengaluru-based Ashoka Trust for Research and the Environment (**ATREE**) in association with Indian Institute of Human Settlements (**IIHS**) **Bengaluru** and Consortium for DEWATS Dissemination Society.

✓ The community-based project involves the restoration of Thamirabarani's riverscape along with all the waterbodies in it, covering head-waters, estuaries and surrounding areas.

➤ **Archaeological Excavation - Used Gold Found**

✓ Archaeological excavations in the **Vadakkupaddu Panchayat** have found gold that was used in ancient times.

✓ The site for excavation was selected in the village of **Oragadam**.

✓ Black and red pottery, **painted pottery and inscribed pottery**, and **Roman pottery** were also found.

✓ 2 gold ornaments weighing 1.5 grams were also found.



STATES

➤ **Lowest Unemployment Rate**

- ✓ **Chhattisgarh** has been **ranked 1st** among states with the **lowest unemployment** rate in the country.
- ✓ According to the latest data released by the **Centre for Monitoring Indian Economy**, Chhattisgarh has registered an unemployment rate of 0.6% this March 2022, which is the lowest so far. **Haryana** has the **highest unemployment rate** followed by Rajasthan.
- ✓ The **country's unemployment rate stood at 7.6%**.

➤ **Electric Vehicle (EV) Policy**

- ✓ **Delhi** - has now become the **first state** in the country to incentivize e-cycles under its Electric Vehicle (EV) Policy.

➤ **Himachal Pradesh's Kangra Tea**

- ✓ Himachal Pradesh's Kangra Tea will soon get a European Commission **Geographical Indication Tag (GI Tag)**; this tag helps Kangra tea to get an opportunity to enter the European market.

➤ **Jamtara**

- ✓ Jamtara becomes **country's first district with library in every village**.
- ✓ Jamtara in **Jharkhand** has become the only district in the country where all gram panchayats have community libraries.

➤ **Parvatmala Yojana Scheme**

- ✓ The **National Highways Logistics Management Limited (NHLML)** and the **Himachal Pradesh Government** - signed a memorandum of understanding (MoU) for **seven ropeway projects** construction in the State under the Parvatmala Yojana scheme.
- ✓ Parvatmala is a **National Ropeways Development Programme proposed** to create a modern system of transportation and connectivity on the mountains.

➤ **Maharashtra Gene Bank**

- ✓ Maharashtra cabinet - approved the 'Maharashtra Gene Bank', a **first-of-its-kind project in the country**.
- ✓ The project seeks to conserve native and endangered animals, crops, marine and biological species

➤ **Vacuum-Based Sewers**

- ✓ Agra - has become the **first city in the country** to have **vacuum-based sewers used in public places**.
- ✓ The corporation has connected 240 such houses in a low-lying area near the Taj Mahal with vacuum-based sewer where conventional sewer systems cannot be used.
- ✓ All the chambers of this system have been equipped with geographic information system (GIS) based sensors.

➤ **Greenfield Grain-Based Ethanol Plant**

- ✓ **Bihar Chief Minister Nitish Kumar - inaugurated the country's first greenfield grain-based ethanol plant in Purnea.**
- ✓ The project is a part of Bihar's ambitious plan for ethanol production using **sugarcane, maize and rice** to meet the country's fuel needs.
The Purnea plant is among the 17 ethanol production units proposed to be set up in the state and is expected to produce 65,000 litres of ethanol per day.

➤ **India's First Tribal Health Observatory**

- ✓ **Odisha** is planning to create India's only observatory, which will house data on the state's **indigenous population's health**.
The Tribal Health Observatory (TriHOb) is the "**first in the nation**," according to the Information Department, and is aimed to be an effective, evidence-based, and policy-oriented centre.

➤ **Jivhala**

- ✓ The Maharashtra Department of Prisons - has launched a **first-of-its-kind loan scheme** titled '**Jivhala**' for inmates **serving sentences in jails across the state**.
- ✓ The credit scheme is being offered by the Maharashtra State Cooperative Bank.
- ✓ The pilot of the initiative was introduced for prisoners at **Yerawada Central Jail in Pune**, and will gradually be extended to nearly 60 prisons across the state.
- ✓ The scheme has been launched primarily for convicted inmates who are undergoing a prison sentence of more than three years.

➤ **Flow Chemistry Technology Hub**

- ✓ **India's first 'Flow Chemistry Technology Hub'** was opened in **Hyderabad**.

- ✓ “Flow chemistry”, is also known as “continuous flow chemistry”.
- ✓ It is the process of performing **chemical reactions in a tube or pipe.**

- **Tomato Flu**
- A new **viral infection** called **tomato flu** - infected 82 children, all **below five years, in Kollam district of Kerala.**
- ✓ This is a case of children experiencing undiagnosed and unidentified fever.
- ✓ The symptoms of this flu, also called Tomato fever, include **rashes, skin irritation and dehydration.**

- **Solar Power Installation**
- ✓ Rajasthan - becomes the **first state in the country to exceed 10 GW of cumulative large-scale solar power installations.**
- ✓ The state has a total of 32.5 GW of installed power capacity, with renewables contributing 55%, followed by thermal energy at 43%, and nuclear energy the remaining 2%.

- **Ramgarh Vishdhari Sanctuary**
- ✓ The Ramgarh Vishdhari sanctuary in Bundi in **Rajasthan** - was notified as the country’s **52nd tiger reserve.**
The Ramgarh Vishdhari is the **fourth tiger reserve of the state after Ranthambore, Sariska and Mukundra.**

- **Drone Policy**
- ✓ The ‘**Himachal Pradesh Drone Policy 2022**’ was approved by the chief minister Jai Ram Thakur.
- ✓ It becomes the **first Indian state to approve a policy for drones.**
- ✓ The policy envisions creating a holistic drone ecosystem built upon the foundation of Governance and Reforms Using Drones (**GARUD**).

- **Blue Duke**
- ✓ Chief Minister of **Sikkim P.S. Golay** - declared ‘**Blue Duke**’ as the **State Butterfly of Sikkim** recently during the **World Environment Day celebrations.**
- ✓ Blue Duke, a native butterfly species of Sikkim, overtook another contender **Krishna Peacock** to be announced as the State Butterfly of Sikkim.

➤ **Andhra Pradesh Comprehensive Cancer Care (APCCC)**

- ✓ The Andhra Pradesh Comprehensive Cancer Care (APCCC) project - has proposed to set up the **country's largest cancer hospice centre with 100 beds in Tirupati.**

➤ **Sinking City**

- ✓ As per the recent study, Mumbai is sinking by an average of 2 mm annually.
- ✓ Groundwater extraction, mining, reclamation of natural wetlands, infrastructure projects and ecological disturbances is leading to land subsidence.

➤ **Mukhyamantri Matrushakti Yojana**

- ✓ Prime Minister Narendra Modi - launched 'Mukhyamantri Matrushakti Yojana' to **provide nutritional food to pregnant and lactating women in Vadodara, Gujarat.**
- ✓ Under the new scheme, pregnant and lactating mothers will be given **2 kg of chickpeas, 1 kg of tur dal and 1 kg of edible oil free of cost** from anganwadi centres every month along with other benefits under the **Integrated Child Development Scheme.**

➤ **Balika Panchayat**

- ✓ The **country's first-ever girl Panchayat, 'Balika Panchayat'** - has been launched in several villages of Gujarat's Kutch district.

Balika Panchayat is **managed by women in the 11-21, age group.** The main objective of the initiative is to **remove the evil practices from the society** such as **child marriage, the dowry system** etc., and also focus on the mental and physical health of girls and their nutritional requirements.

➤ **Single-Use Plastic**

- ✓ From **July 1**, Himachal to buy back single-use plastic.
- ✓ The government will pay students Rs.75 for a kg of single-use plastic items they deposit with the school.
- ✓ As the Centre has decided to ban the use of single-use plastic from **July 1**, the hill State of Himachal Pradesh is all set to kick-start a buy-back scheme in schools and colleges to purchase the single-use plastic items from students in a bid to instill a sense of environment preservation by "catching them young".

- **New Education Policy**
- ✓ **Uttarakhand** has become the first state in India to implement New Education Policy (NEP) at the pre-primary level.
- ✓ The NEP replaces the Macaulay system of education which was followed in the country for decades. "It offers children an opportunity to pursue choice-based education. They can now study the subjects of their choice in the language they are conversant with.

- **Rajiv Gandhi Khel Ratna Award**
- ✓ **Rajasthan Chief Minister Ashok Gehlot** - announced the introduction of Rajiv Gandhi Khel Ratna Award for **sportspersons in the state**.
- ✓ The chief minister said the **Rajiv Gandhi Rural Olympics** will start from August 29, 2022 and more than 27 lakh players are expected to take part in it.

- **Kerala Fiber Optic Network Ltd (K-Fon)**
- ✓ Kerala is now the first and only state in the country to have its own internet service.
- ✓ The announcement followed the Department of Telecommunications' granting of an Internet Service Provider (ISP) licence to the IT infrastructure project of the Kerala Fiber Optic Network Ltd (K-Fon), which aims to provide everyone in the state access to the internet.

- **Emergency Response Support System (ERSS)**
- ✓ **Himachal Pradesh** - has become the first state in the country to connect all registered commercial vehicles equipped with **Vehicle Location Tracking Device (VLTD)** with Emergency Response Support System (ERSS).

- **Swachh Mandira Abhiyana**
- ✓ **Karnataka** - has become the first state in the country to roll out the concept of cleanliness in the temples.
- ✓ Accordingly, the government is planning to declare 25 'A-grade temples' as 'zero waste' temples in the next five months.

- **Medicine From The Sky'- Arunachal Pradesh**
- ✓ 'Medicine from the sky' pilot project drone service launched by the **Chief Minister of Arunachal Pradesh Pema Khandu**. 'Medicine from the sky' is also a part of **Azadi ka Amrit Mahotsav**, initiated by Prime Minister Narendra Modi.
- ✓ The **first successful flight** was conducted from **Seppa to Chaoyang Tajo** in the **East Kameng district**.

- **North East Olympics**
- ✓ **Meghalaya** is all set to host the upcoming **2nd edition of the North East Olympics** from 30th October.

- **India's First Fully 'Functionally Literate' District**
- ✓ **Madhya Pradesh's tribal-dominated Mandla** region has become the **first fully "functionally literate" district in the country**.
- ✓ Tribals frequently complained to the authorities about money being taken from their bank accounts by fraudsters and the root cause of this was that they were not functionally literate.

- **Chandigarh Airport to be named after Bhagat Singh**
- ✓ The Punjab and Haryana governments have agreed to name the Chandigarh International Airport in **Mohali** after **Shaheed Bhagat Singh**.

- **Parivar Kalyan Card**
- ✓ The central government - has given its nod to the **Uttar Pradesh government's Family ID plan** – the **Parivar Kalyan Card (PKC)**.
- ✓ The new scheme has been added to the list of **state-specific unique ID schemes** in the country.
- ✓ It seeks to establish a **comprehensive database of the state's family units** and identify beneficiaries for its various schemes including employment, pensions, and housing benefits.

- **Anang Tal Lake**
- ✓ The Anang Tal lake in South Delhi - has been declared a **monument of national importance** through a gazette notification by the **Ministry of Culture** recently.
- ✓ Located near the **Qutub Minar complex** and Sanjay Van, the protected area would be 42,894 square metres.

✓ The mini lake was created in 1060 AD by **Raja Anang Pal Tomar, the founder of Delhi.**

➤ **Nagaland - 2nd Railway Station in 119 Years**

✓ North-east state, **Nagaland** got its second railway station after a gap of more than 119 years with the commissioning of a new facility at **Shokhuvi.**

✓ **Dimapur Railway Station** was inaugurated in **1903.**

The **Donyi Polo Express** ran daily between Guwahati in Assam and Naharlagun in Arunachal Pradesh. The train service has now been extended till Shokhuvi.

➤ **Delhi Model Virtual School" (DMVS)**

On August 31, Delhi Chief Minister Arvind Kejriwal - launched the "**Delhi Model Virtual School" (DMVS)** in which students from across the country will be eligible for admission in **classes 9 to 12.**

✓ It is an **online-based teaching platform**, which will help the students to complete their studies **without visiting the school.**

✓ DMVS will be affiliated to the Delhi Board of School Education (DBSE) and will follow its curriculum.

✓ The classes will be conducted through an exclusive schooling platform built by **SchoolNet and Google.**

➤ **Mukhyamantri Udyog Khiladi Unnayan Yojana**

✓ Uttarakhand Chief Minister Pushkar Singh Dhami - launched "**Mukhyamantri Udyog Khiladi Unnayan Yojana" in Dehradun.**

✓ The scheme has been launched in the state on the occasion of **National Sports Day.**

✓ The main objective of this program is to promote the sports talent of child players in Uttarakhand.

✓ Under this scheme, a sports scholarship of Rs 1500 per month will be given to emerging players between the age group of 8 to 14 years.

➤ **Rural Backyard Piggery Support Scheme**

✓ **Meghalaya** Chief Minister Conrad K Sangma - rolled out Phase 1 of the ambitious flagship programme 'Rural Backyard Piggery Support scheme' for **farmers** at Byrnihat.

✓ The programme is **funded by the Central Government under National Livestock mission** along with the contribution of the state government.

This scheme is envisaged to benefit 6000 poor and marginal farmers and also increase pork production in the State.

➤ **Rajasthan Launched 100 days Urban Employment**

- ✓ Rajasthan government launched an ambitious scheme to provide 100 days of employment to needy families **in urban areas on the lines of the rural employment guarantee scheme MGNREGA.**
- ✓ More than 2.25 lakh families have already registered for the Indira Gandhi Urban Employment Scheme which was proposed by chief minister Ashok Gehlot in the state budget this year.

➤ **India's Longest Rubber Dam**

- ✓ Bihar CM inaugurates India's longest rubber dam on **Falgu river.**
- ✓ Bihar Chief Minister Nitish Kumar on 8 September '22 inaugurated India's longest rubber dam '**Gayaji Dam' on the Falgu river in Gaya.**
- ✓ It is 411 meters long & 3 meters high & has been built at a cost of Rs 312 crores.

➤ **Global Network of Learning Cities (GNLC)**

- ✓ **Warangal from Telangana, Thrissur and Nilambur from Kerala** - have joined the United Nations Educational, Scientific and Cultural Organization's (UNESCO) Global Network of Learning Cities (GNLC).
- ✓ Some of the most developed cities, such as Beijing, Shanghai, Hamburg, Athens, Incheon, Bristol, and Dublin, are among the global cities on this list.
- ✓ Thrissur, Nilambur and Warangal are the **first Indian cities to join the list maintained since 2015.**
- ✓ They were named in the list in recognition of their **outstanding efforts to make lifelong learning a reality** for all at the local level.

➤ **Third Gender" Reservations - Police Recruitment**

- ✓ On September 13, **Karnataka** - announced "third gender" reservations in police recruitment, possibly the first state to do so.

➤ **SCO Tourist and Cultural Capital**

- ✓ The city of **Varanasi** - has been named the **first-ever SCO Tourist and Cultural Capital** for the **period 2022-2023** at the Shanghai Cooperation Organization (SCO) Summit in **Samarkand**, Uzbekistan on September 16.

➤ **Hyderabad Liberation Day**

- ✓ Union home minister Amit Shah - announced that the Centre will celebrate **September 17 as "Hyderabad Liberation Day"**.
- ✓ The Centre was holding the event to commemorate 'Hyderabad Liberation Day' with the home minister as the chief guest.
- ✓ The event was held to commemorate 75 years of **liberation of Hyderabad state from the rule of Nizam Osman Ali Khan in 1948.**

➤ **Naga Mircha" (King Chilli) Festival**

- ✓ Nagaland - celebrated the first-ever "Naga Mircha" (King Chilli) Festival at Seiyhama village in the **Kohima District.**
- ✓ The festival held recently on September 10 was sponsored by the Nagaland Horticulture Department.
- ✓ **Naga Mircha** was the **first product to receive a GI tag from Nagaland** in the year **2008.**

➤ **Industrial Cannabis**

- ✓ **Uttarakhand - becomes the first Indian state to allow the cultivation of 'industrial cannabis'.**
- ✓ The state has granted licence to the Indian Industrial Hemp Association (IIHA) to grow the standardized 'industrial hemp' over 1,000 hectares on a pilot basis.
- ✓ Eventually, IIHA will cultivate the fibre for a period of five years, in a bid to cover an area of 10,000 hectares.
- ✓ This is the **first time in India** that industrial-grade hemp has been grown as per government guidelines for standardisation.

➤ **Bundelkhand's First Tiger Reserve**

- ✓ The **Uttar Pradesh** cabinet has given a green signal for the development of the **first tiger reserve** in the Bundelkhand region.
The tiger reserve will span across 52,989.863 hectares of land including 29,958.863 hectares of buffer area and 23,031.00 hectares of the core area which was already notified as **Ranipur wildlife sanctuary in the Chitrakoot district of the state.**

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➤ **The Indian Antarctic Bill 2022**

- ✓ The Bill aims to provide a regulatory framework for India's research activities in the Antarctic and protect the Antarctic ecosystem.

➤ **Raising and Accelerating MSME Performance' (RAMP)**

- ✓ The Union Cabinet-led by Prime Minister Narendra Modi - approved \$808 million (6,062.45 crore) for a new **World Bank-assisted scheme 'Raising and Accelerating MSME Performance' (RAMP)**.
- ✓ The new scheme is expected to commence in the **financial year of 2022-23**.
- ✓ The programme aims at improving **access to market and credit**, strengthening institutions and governance at the Centre and State.

➤ **United Nations Entity for Gender Equality and the Empowerment of Women**

- ✓ **India - has contributed \$500,000** to the UN Women, the United Nations agency for gender equality and women empowerment, for their core budget.
- ✓ The United Nations Development Fund for Women (**UNIFEM, founded in 1976**) and other organisations merged to form UN Women, which began operations in **January 2011**.
- ✓ The UN Women or also known as the **United Nations Entity for Gender Equality and the Empowerment of Women** is an entity working under the United Nations for women's empowerment and gender equality.

➤ **Criminal Procedure (Identification) Bill**

- ✓ The Rajya Sabha - passed the Criminal Procedure (Identification) Bill, which would enable investigating officers **to collect biometric details of prisoners, by a voice vote**.

➤ **'One Health' Pilot Project**

- ✓ **Department of Animal Husbandry and Dairying** launched 'One Health' pilot project in **Uttarakhand**. This pilot project has been launched to implement the One Health Framework by One Health Support Unit.
- ✓ Its main aim is to develop a national One Health roadmap based on the outcomes of the pilot project.

➤ **District Ganga Committees (DGCs)**

- ✓ Union Minister for Jal Shakti Gajendra Singh Shekhawat - launched the 'Digital Dashboard for District Ganga Committees (DGCs) Performance Monitoring System' (GDPMS).
- ✓ As per the Minister, the Digital Dashboard launched will help the DGCs in enhancing people-river connect.

➤ **Health Benefit Package, 2022**

- ✓ The **National Health Authority** - has launched a new version of the Health Benefit Package, 2022, **under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana**.

➤ **Distribution of Fortified Rice**

- ✓ The supply of fortified rice through the **Targeted Public Distribution System (TPDS)** under the **National Food Security Act (NFSA)**, by **2024** has been approved by the Cabinet Committee on Economic Affairs that is chaired by PM Modi.

➤ **2021 Tree City of the World**

- ✓ The United Nations Food and Agriculture Organisation (FAO) and Arbor Day Foundation have jointly recognised **Mumbai and Hyderabad** as the '2021 Tree City of the World'.
- ✓ The two Indian cities have won the recognition for their "commitment to growing and maintaining urban trees and greenery in building healthy, resilient and happy cities".

➤ **University Grants Commission (UGC)**

- ✓ The University Grants Commission (UGC) - announced new guidelines that will be applicable from the academic year 2022-23 onwards.
- ✓ As per the new regulations, students will now be allowed to simultaneously **pursue two full-time degree programmes in physical mode**.
- ✓ In May 2020, the UGC had approved a proposal to allow students to pursue two degree programmes at the same time – one in regular mode and the other in open/distance learning/online format.

➤ **OBC Entrepreneurs Own Nearly 30% of India's MSMEs**

- ✓ Entrepreneurs from Other Backward Classes (OBC) own nearly 30% of micro, small and medium enterprises (MSMEs) in the country.

✓ As regards the OBC-owned enterprises, **Tamil Nadu has the highest number of such units** with 3,37,016, of which 3,23,441 units come under micro enterprises; 12,778 under small enterprises; and 797 under medium enterprises.

➤ **Amrit Samagam**

The Union Minister of Home Affairs and Minister of Cooperation, Amit Shah - inaugurated the "Amrit Samagam", a **two-day conference of tourism and culture ministers of the country**.

✓ In view of this, Ministry of Culture, Government of India, has organized "**Amrit Samagam**" conference on April 12 and 13, 2022, in **New Delhi**.

➤ **Svanidhi se Samriddhi" Programme**

The **Union Ministry of Housing and Urban Affairs (MoHUA)** - launched the "**Svanidhi se Samriddhi**" programme in 126 additional cities across 14 states and Union territories.

✓ Under the second phase of the scheme, 28 lakh street vendors and their families will be covered.

✓ MoHUA has been implementing **Prime Minister Street Vendors Atmanirbhar Nidhi (PM Svanidhi)**, a central sector scheme, since **June 1, 2020**.

➤ **Pradhanmantri Sangrahalaya**

✓ Prime Minister Narendra Modi inaugurated the 'Pradhanmantri Sangrahalaya' on April 14th. It is a **museum** dedicated to showcase the contributions of all the **former Prime Ministers since independence**.

✓ **PM Modi became the first visitor** to buy a ticket to the museum, which has been guided by his vision to honour the contribution of all the Prime Ministers of India towards nation-building.

➤ **Hunar Haat' Festival**

✓ The **40th edition** of the Centre's '**Hunar Haat**' festival - to be inaugurated by Union Minister Anurag Thakur in **Mumbai**.

✓ The festival, which will conclude on April 27, is aimed at **promoting ancestral crafts from remote areas of India**.

✓ It provides a platform to preserve, protect and promote local artisans and craftsmen.

- **Rashtriya Gram Swaraj Abhiyan (RGSA)**
- The Union Cabinet - approved the continuation of Rashtriya Gram Swaraj Abhiyan (RGSA) till **2025-26** with an outlay of **5,911 crore**.
- ✓ The scheme is aimed at **empowering elected representatives of Panchayati raj institutions (PRIs) for leadership roles**
- ✓ It also seeks to help 2.78 lakh rural local bodies **achieve sustainable development goals**.

- **Childline 1098 May be Merged with Emergency Helpline 112**
- ✓ **Childline 1098 is the country's only dedicated helpline number for children and the entire child rights sector** relies on it to provide assistance to them, but today a cloud hangs over its future as the government plans to merge it with national emergency helpline 112.
- ✓ Emergency helpline 112 of the **Ministry of Home Affairs** that also provides assistance with services related to **police, health and women's safety**.

- **Project Yojak**
- ✓ BRO to build **world's highest tunnel at 16,580 feet**.
- ✓ The Border Roads Organisation (BRO) will construct the world's highest tunnel at **Shinku La Pass**, which will **connect Himachal Pradesh to Zaskar Valley in Ladakh**.

- **Indian and Foreign Higher Education Institutions (HEIs)**
- ✓ The University Grants Commission (UGC) - has finalised 'Academic Collaboration between Indian and Foreign Higher Education Institutions (HEIs) to offer Joint Degree, Dual Degree and Twinning Programmes Regulations, 2021'.
- ✓ As per the regulations, Indian students will be able to earn a dual degree conferred by Indian and foreign HEIs, separately and simultaneously.

- **Dhaksha Unmanned Systems (DUMS)**
- ✓ Dhaksha Unmanned Systems (DUMS) guided by **Anna University** - has been shortlisted by the **ministry of civil aviation** to manufacture indigenous drones as a part of the '**Make in India**' programme.
- ✓ DUMS is provisionally selected as a drone manufacturer along with four other firms.

- **India's First Pure Green Hydrogen Plant**
- ✓ India's first 99.999% pure Green Hydrogen pilot plant has been commissioned by the Oil India Limited (OIL) at its Jorhat Pump Station in Assam.
- ✓ The plant has an installed capacity of 10 kg per day.
- ✓ The use of AEM technology is being used for the first time in India.

- **Guru Tegh Bahadur**
- ✓ Prime Minister Narendra Modi - addressed the nation from the Red Fort to mark the 400th birth anniversary of Guru Tegh Bahadur.
- ✓ PM Modi is the first prime minister to deliver a speech at the Mughal-era monument after sunset.
- ✓ Prime Minister Narendra Modi released a commemorative coin and postage stamp on the occasion.

- **Dr Ambedkar Centres for Excellence (DACE)**
- ✓ The central government - will launch a pan India scheme which will involve setting-up Dr Ambedkar Centres for Excellence (DACE) in 31 central universities across the country.
- ✓ The centres of excellence are being set up to provide high quality free coaching facilities to the Scheduled Caste students for the Civil Services exams, conducted by Union Public Service Commission (UPSC).

- **Fincluvation**
- **India Post Payments Bank (IPPB)** - announced the launch of a joint new initiative named 'Fincluvation'.
- ✓ The initiative is part of the 75th anniversary of Indian Independence and ongoing Azadi ka Amrit Mahotasav.
- ✓ The first-of-its-kind industry initiative, Fincluvation would create a powerful platform to mobilize the start-up community towards building meaningful financial products aimed at financial inclusion.

- **'e-DAR' (e-Detailed Accident Report)**
- ✓ The Ministry of Roads, Transport and Highways - has developed a new portal named 'e-DAR' (e-Detailed Accident Report) in consultation with insurance companies.
- ✓ The portal is designed to provide instant information on road accidents with a few clicks and to provide faster accident compensation claims, bringing relief to victims' families.

➤ **Dairy Community Radio Station (CRS) - Dudh Vani**

Prime Minister Narendra Modi - inaugurated the country's **first ever dairy community radio station (CRS) dedicated to animal husbandry, Dudh Vani, during his recent Gujarat tour.**

- ✓ This will be the country's first community radio station dedicated only to cattle breeders.
- ✓ The new radio station seeks to connect over five lakh dairy farmers across 1,700 villages in the State.

➤ **India's First Carbon-Neutral Panchayat**

- ✓ **Palli village in Samba district of Jammu and Kashmir** has become the first panchayat in the country to become carbon-neutral, fully powered by **solar energy.**
- ✓ All its records have been digitised and the benefits of all the Central schemes are available in this village around 17 km from Jammu.

➤ **Call 1930 to Report Fraud**

- ✓ The public should call 1930 in case any money has been taken **out of their accounts fraudulently online.**

➤ **Kisan Bhagidari, Prathmikta Hamari**

- ✓ **The Ministry of Agriculture and Farmers Welfare** - is organizing the '**Kisan Bhagidari, Prathmikta Hamari**' campaign in association with various other Ministries & Departments of the Government of India.
- ✓ The campaign was held from 25th April to 30th April 2022 under the centre's '**Azadi Ka Amrit Mahotsav**' initiative with the participation of over one crore stakeholders and farmers

➤ **Unnat Bharat Abhiyan 2.0 (UBA 2.0)**

- ✓ Unnat Bharat Abhiyan 2.0 (UBA 2.0) - has completed four years of implementation on **April 25, 2022.**
- ✓ The scheme was launched on **April 25, 2018** to provide **transformational changes in rural developmental processes.**
- ✓ It was launched to link the **Higher Education Institutions with set of at least five villages,** so that these institutions can contribute to the economic and social betterment of these village communities using their knowledge base.

- **Zero Defect Zero Effect (ZED) Certification Scheme**
- ✓ **The Ministry of Micro, Small and Medium Enterprises - has launched a revamped Zero Defect Zero Effect (ZED) Certification Scheme.**
- ✓ The ZED certification can help MSMEs get easier access to capital, reduce wastage substantially, increase productivity, enhance environmental consciousness, save energy, optimally use natural resources, expand their markets, etc.

- **Enterprise India**
- ✓ **The Ministry of MSME - has launched month-long initiative “Enterprise India” to promote entrepreneurship culture and create awareness about the schemes and initiatives of the Ministry.**
- ✓ Enterprise India is a series of commemorative entrepreneurship development events and activities being organised from April 27 up to May 27, 2022

- **Azadi Se Antyodaya Tak**
Union Minister for Rural Development & Panchayati Raj Giriraj Singh - launched 'Azadi Se Antyodaya Tak' in New Delhi as part of Azadi Ka Amrit Mahotsav
- ✓ **The 90-day campaign aims to provide 75 districts with various beneficiary schemes of nine union ministries**
- ✓ The identified districts are the birthplace of **99 freedom fighters**, who made the supreme sacrifice for the nation during its struggle for independence.

- **M15 Petrol**
- ✓ **Indian Oil Corporation (IOC) rolled out M15 petrol - 15% blend of methanol with 85% petrol - on a pilot basis in Assam's Tinsukia district.**
Its use can help lower greenhouse gas (GHG) emissions by about 5 to 10% and improve air quality in the country.

- **Trunked Mobile Radio (TMR)**
- ✓ **Airports Authority of India (AAI) - has introduced an exclusive radio communication system called “Trunked Mobile Radio (TMR)”.**

- **National Film Heritage Mission (NFHM)**
 - ✓ Union Information and Broadcasting Minister Anurag Thakur - announced a grant of Rs 363 crore for the **world's largest film restoration project** under the National Film Heritage Mission (NFHM).
 - ✓ The restoration project is set to come up at the National Film Archive of India (NFAI) in **Pune**.

- **Prime Minister Wi-Fi Access Network Interface (PM-WANI)**
 - ✓ **RailTel** - has launched Prime Minister Wi-Fi Access Network Interface (PM-WANI) - based access of its Public WiFi services across **100 major railway stations in the country**.
 - ✓ RailTel, a **mini Ratna PSU**, will provide internet services through 2,384 WiFi hotspots across railway stations in 22 states.

- **National Data & Analytics Platform (NDAP)**
 - ✓ **NITI Aayog** - launched the National Data & Analytics Platform (NDAP) for **open public use**.
 - ✓ The platform aims to provide **free access to public government data** by making them accessible, interoperable, interactive, and available on a user-friendly platform.

- **Ethanol Blend in Petrol**
 - ✓ The Union Cabinet approved amendments to the **National Policy on Biofuels, 2018**, to advance the date by which fuel companies have to increase the percentage of ethanol in petrol to 20%, from 2023 to 2025.
 - ✓ The policy to introduce 20% ethanol in petrol will take effect from April 1, 2023.

- **Cotton Council of India**
 - ✓ Government announced formation of the Cotton Council of India. The Cotton Council of India will be formed under the **Chairmanship of Suresh Bhai Kotak**.

- **Amrit Sarovar**
 - ✓ Union Minister for **Minority Affairs Mukhtar Abbas Naqvi** - inaugurated the country's **first 'Amrit Sarovar' in Patwai, Rampur, Uttar Pradesh**
 - ✓ On 24th April 2022, Mission Amrit Sarovar was launched by PM Modi with the broad aim of **water conservation** for the future and the Mission will be completed by 15th August 2022.

- **Rural Tribal Technical Training**
- ✓ The **Ministry of Skill Development & Entrepreneurship** - launched the pilot project for skilling tribal youth titled 'Rural Tribal Technical Training' at the Centre for Research and Industrial Staff Performance (CRISP), Bhopal, Madhya Pradesh.

- **Centre of Excellence for Khadi**
- Union Minister for **Micro Small and Medium Enterprises** Narayan Rane - inaugurated the country's **first ever 'Centre of Excellence for Khadi' in New Delhi** recently.
- ✓ This centre will act as a hub for experimentation, innovation, and design for the Khadi Village and Industries Commission (KVIC).

- **Skill India International Centre**
- ✓ The National Skill Development Council International (NSDCI) and the Indian unit of UAE's DP World, Hindustan Ports Private Limited - have signed a Memorandum of Understanding (MoU) to develop the country's **first ever 'Skill India International Centre' at Varanasi** recently.

- **Hyperloop**
- ✓ Indian Railways, **IIT Madras to develop country's first hyperloop.**
- ✓ The Ministry of Railways will collaborate with IIT Madras for the development of an "**indigenous**" **Hyperloop system.**
- ✓ Hyperloop works on a technology that would use **magnetic levitation in low pressure tubes** to transport people and goods at airplane-like speeds.

- **India's EV Ambition Rides on Three Wheels**
- ✓ India's push for electric vehicles (EVs) was renewed when phase-II of the Faster Adoption and Manufacturing of (Hybrid and) Electric (FAME) Vehicles scheme in India, with an outlay of 10,000 crore, was approved in 2019.

- **Global Health Leaders Awards 2022**
- ✓ India's one million **Accredited Social Health Activists (ASHA)** volunteers have received arguably the biggest international recognition in form of the **World Health Organization's Global Health Leaders Awards 2022.**

✓ The ASHAs were among the six awardees announced at the 75th World Health Assembly in **Geneva**. This World Health Organization (WHO) award is in recognition of the work done by ASHA volunteers during the COVID-19 pandemic as well as for serving as a link between communities and health systems.

➤ **PM Shri Schools**

- ✓ Education minister Dharmendra Pradhan - said the Centre is planning to set up **model schools** under the name 'PM Shri Schools'.
- ✓ These schools will be equipped with **state-of-the-art infrastructure** and prepare students for the future.
- ✓ According to the Minister, these schools will act as the "**laboratory of NEP 2020**".

➤ **Har Ghar Dastak campaign 2.0**

- ✓ The Har Ghar Dastak campaign 2.0 - commenced across the country recently to ensure **complete Covid-19 vaccination of all eligible beneficiaries**.

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

- ✓ PM Narendra Modi - launched a **global initiative 'Lifestyle for the Environment (LiFE)'** movement on the eve of **World Environment Day** via video conferencing.
- ✓ The movement aims to promote an environment-conscious lifestyle that focuses on "**mindful and deliberate utilisation**" instead of "**mindless and destructive consumption**".

➤ **Ethanol Blending**

- ✓ Last June, Mr. Modi made public the "**Road map for ethanol blending in India, 2020-25**", which laid out a pathway for achieving **20% ethanol blending by 2025-26**.
- ✓ The **10% blending target** was to be achieved in November 2022.

➤ **Biotech Startup Expo 2022**

- Prime Minister Narendra Modi - inaugurated the **first-of-its-kind Biotech Startup Expo 2022 at Pragati Maidan, New Delhi**.
- ✓ During his address, the PM mentioned that India's bio-economy has grown eight times in the past eight years from **\$10 billion to \$80 billion**.
- ✓ Biotech Start-up Expo 2022 is being held under the theme "**Biotech Start-up Innovations: Towards Aatma Nirbhar Bharat**".

➤ **Presidential Polls - July 18**

- ✓ The electoral college for the poll will comprise 4,809 members – 233 Rajya Sabha and 543 Lok Sabha members and 4,033 MLAs of the Assemblies of the States and the Union Territories of Delhi and Puducherry.
- ✓ The **total value of votes will be 10,86,431** (5,43,200 for MPs or 700 votes each and 5,43,231 for MLAs based on the **1971 Census population figures**).

➤ **National Tribal Research Institute (NTRI)**

- ✓ Union Home and Cooperation Minister Amit Shah - inaugurated the National Tribal Research Institute (NTRI) in Delhi
- ✓ The NTRI will be the premier national institute for the promotion and **preservation of tribal heritage and culture**.
- ✓ It will act as the hub for tribal research issues and matters in academic, executive and legislative fields.

➤ **National Air Sports Policy 2022**

- ✓ Union Aviation Minister Jyotiraditya Scindia - launched the **country's first ever National Air Sports Policy 2022**
- ✓ The policy will cover air sports such as aerobatics, aeromodelling, model rocketry, amateur and experimental aircraft, ballooning, drones, gliding and powered gliding.
- ✓ The government announced earlier it would make India one of the top air sports nations by 2030.

➤ **Sagarmala Young Professional Scheme**

- ✓ **Ministry of Ports, Shipping and Waterways** - has formulated a new scheme by name 'Sagarmala Young Professional Scheme' to focus on young professionals.
- ✓ The scheme seeks to engage talented, forward-thinking and dynamic young professionals in various divisions of the Ministry.
- ✓ The professionals will have the opportunity to learn about the functioning of the government as well as developmental policy concerns.

➤ **India-Qatar Startup Bridge**

- ✓ **Vice President M Venkaiah Naidu** - launched the 'India-Qatar Startup Bridge' at the India-Qatar Business Forum held in Doha, Qatar.

- ✓ It is a joint initiative that aims to link the start-up ecosystems of the two countries and help their economies mutually.
 - ✓ The India-Qatar Business Forum was jointly organised by FICCI, CII and ASSOCHAM, along with Qatar Chamber of Commerce and Industry.
- **Centre to Boost Supply of Fortified Rice**
- ✓ The pet scheme of Prime Minister Narendra Modi, started in October 2021, aims to supply fortified rice to beneficiaries of the **Integrated Child Development Services (ICDS)** and the Pradhan Mantri **Poshan Shakti Nirman**, or **PM-POSHAN**, scheme.
- **'Bharat Gaurav' Train Service**
- ✓ **First 'Bharat Gaurav' train service flagged off.**
 - ✓ The train, connecting **Coimbatore with Shirdi**, has 20 coaches that can accommodate 1,092 passengers.
 - ✓ The 'Bharat Gaurav' train service from Coimbatore to Shirdi, **a first of its kind in the country**, was flagged off at the Coimbatore North Railway Station.
- Bharat Gaurav express trains are operated by **private players**, who have the right to use the rail infrastructure provided by the Indian Railways.
- **Agniveers**
- ✓ 'Agniveers' recruited through **Agnipath scheme** - to constitute **half of the 12-lakh strong Army by 2030-2032** following 1.5 lakh recruitments to be made every year.
 - ✓ Under the scheme, 40000 jawans will be recruited this year in the Indian Army, while 3000 Agniveers will be recruited in the Indian Air Force and Indian Navy
 - ✓ As per the scheme guidelines, only 25% of the good soldiers from each batch of Agniveers will be inducted into the regular cadre for the next 15 years, whereas the remaining 75% will be removed after four years.
 - ✓ **The main aim of the scheme is to increase the fitness of the army**, cut the rising salary and pension bills and bring down the average age of the armed forces through short-term induction of soldiers.
- **Rashtriya Puruskar Portal**
- ✓ The Union government - has launched a common 'Rashtriya Puruskar Portal' to **invite nominations for various civilian awards**.

- ✓ This common portal has been developed by the government to bring together all the awards of the various Ministries, Departments and agencies under one digital platform to ensure transparency and public partnership.
- **Agnipath scheme - Age Limit**
- ✓ On June 16, the government - raised the upper age limit for recruitment under Agnipath scheme to **23** years from **21** years.
- **Children in Street Situation**
- ✓ **The National Commission for Protection of Child Rights (NCPCR)** - has launched a new application 'Children in Street Situation' (CiSS) to carry out rescue and rehabilitation of children in streets.
'Children in Street Situation' (CiSS) application is part of the NCPCR's **Baal Swaraj** portal.
- **Swachh Sagar, Surakshit Sagar' Programme**
- ✓ The Centre - has launched the 'Swachh Sagar, Surakshit Sagar' programme to clean-up **75 beaches in India**.
- ✓ The clean-up drive will commence from July 3 and end on September 17, 2022, designated as the '**International Coastal Cleanup Day 2022**'.
- ✓ The 75 days drive will be the most extended clean-up in India's history to ensure the highest amount of volunteer participation and raise awareness among the general public.
- **National Initiative for Promoting Upskilling of Nirman workers" (NIPUN)**
- ✓ Union minister of **housing & urban affairs** Hardeep Singh Puri - launched an initiative for skill training of construction workers "National Initiative for Promoting Upskilling of Nirman workers" (NIPUN) on June 20, 2022.
- ✓ The project NIPUN is an initiative of the **ministry of housing & urban affairs (MoHUA)** under its **flagship scheme of the Deendayal Antyodaya Yojana-National Urban Livelihoods Mission (DAY-NULM)**
It aims to train over **1 lakh construction workers**, through **fresh skilling and upskilling programmes** and provides them with work opportunities in foreign countries also.

➤ **India's largest floating Solar Power Project**

- ✓ India's largest floating solar power plant was made fully operational by **NTPC at Ramagundam, Telangana.**
- ✓ The capacity of solar plant is **100 MW.**

➤ **Agasthyamalai Elephant Reserve**

- ✓ The number of elephant reserves in the country - has now increased to **32** spreading over **68,700.4 sq km** across the country.
This is after the Tamil Nadu government setting aside **1,197.48 sq km** area of the Agasthyamalai Biosphere Reserve for the purpose of Agasthyamalai Elephant Reserve.

➤ **Jute Mark India**

- ✓ The government - introduced certification of authenticity for jute products with the unveiling of "**Jute Mark India**" logo by the **Union Textile Secretary**

➤ **Clean Energy**

- ✓ India has achieved clean energy targets 9 years before deadline.
- ✓ India has installed **162 GW** (1 GW is 1,000 MW) of **renewable energy capacity**, which is 41% of the 402 GW of electricity installed.
- ✓ In 2015, India committed to ensuring that 40% of its energy would be from renewable sources by 2030 as part of its Nationally Determined Contributions (NDC).

➤ **National Emblem**

- ✓ Prime Minister Narendra Modi unveiled the National Emblem cast on the roof of the **new Parliament building.**
- ✓ The emblem is made of **bronze** and is **6.5m in height**, and took over nine months to cast, said senior Central Public Works Department (CPWD) officials.

➤ **Agnipath Scheme**

- ✓ A new recruitment scheme for Indian armed forces, known as Agnipath.
- ✓ Under the scheme, the youth will be given an opportunity to serve in the armed forces as "Agniveers."
- ✓ People between the age of 17.5 years and 21 years will be inducted into the armed forces as Agniveers for 4 years.

- ✓ On competition of the four-year tenure, about 25 per cent of the Agniveers will be enrolled in the armed forces as regular cadres for a minimum period of 15 years.

➤ **SPRINT Challenges**

Prime Minister Narendra Modi - unveiled 'SPRINT challenges', an initiative aimed at **boosting the usage of indigenous technology in the Indian Navy.**

- ✓ SPRINT – Supporting Pole-Vaulting in R&D through iDEX (Innovations for Defence Excellence), NIIO and TDAC (Technology Development Acceleration Cell).

➤ **15th President of India: Draupadi Murmu**

- ✓ Daughter of a tribal family coming from a very ordinary house in **Odisha**, Draupadi Murmu has been elected as the **15th President of India.**
- ✓ The 2022 Indian Presidential Election was the **16th presidential election** that was held in India on the **18th of July 2022.** Murmu becomes **India's first woman tribal president.**
- ✓ She also becomes the **second woman to hold the post after Pratibha Patil.**

➤ **Har Ghar Tiranga**

- ✓ Prime Minister Narendra Modi - launched "Har Ghar Tiranga" (tricolour at every home) campaign to encourage people hoist or display the national flag at their homes between **August 13 and 15.**
- ✓ The government has envisioned the 'Har Ghar Tiranga' exercise in the run-up to the 75th anniversary of India's Independence.
- ✓ The main objective of the programme is that the national flag should be flown at all homes from August 13-15 through public participation, and government and private establishments will also be involved in this effort.

➤ **India's first Passenger Drone "Varuna"**

- ✓ Prime Minister Narendra Modi has unveiled Varuna, **India's first passenger drone.** PM Modi is seen watching the demonstration of the drone.

➤ **Digital Lok Adalat**

- ✓ National Legal Services Authority Chairman Uday Umesh Lalit - launched the **country's first AI-powered, digital Lok Adalat** during the **18th All India Legal Services Authorities' meet** held recently in **Jaipur on July 17, 2022**.
- ✓ The Digital Lok Adalat will be used to dispose of pending disputes or disputes that are at the pre-litigation stage.
- ✓ In this set-up, individuals and organisations can file and resolve the disputes under ADR (Alternate Dispute Resolution) mechanism online on a single platform without any physical interaction.

➤ **Cultural and Tourism Capital**

- ✓ The **holy city of Varanasi** - will be declared the **first "Cultural and Tourism Capital" of the Shanghai Cooperation Organisation (SCO)**.
- ✓ Varanasi will become the **"Cultural and Tourism Capital" of the SCO** for 2022-23 under a new rotating initiative to promote people-to-people contacts and tourism among the member states.
- ✓ The **Shanghai Cooperation Organisation (SCO)** is an intergovernmental organisation founded in **Shanghai on June 15, 2001**.
- ✓ The **Beijing-headquartered SCO** is an eight-member economic and security alliance comprising China, Russia, Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, India and Pakistan.

➤ **Scheme for Protection and Preservation of Endangered Languages of India' (SPPEL)**

- ✓ The government - has initiated a scheme known as 'Scheme for Protection and Preservation of Endangered Languages of India' (SPPEL) **to preserve 117 endangered Indian languages**.
Under the SPPEL scheme, the **Central Institute of Indian Languages (CIIL), Mysuru** works on protection, preservation and documentation of all the mother tongues/ languages of India spoken by less than 10,000 people which are called endangered languages.

➤ **India's First Global Bullion Exchange**

- ✓ Prime Minister Narendra Modi launched the India International Bullion Exchange (IIBX), a **first in the country** and NSE IFSC-SGX Connect at **Gandhinagar's GIFT city, an international financial services hub set up by the Gujarat government outside the State capital**.

✓ **India is the world's second biggest consumer of gold** and the move to set up the IIBX is seen as India's effort to bring **transparency to the market** for the precious metal.

➤ **Nationally Determined Contribution (NDC)**

✓ The Union Cabinet - approved the country's updated Nationally Determined Contribution (NDC) under the **Paris Agreement**.

✓ The NDC refers to **voluntary climate action targets** that aim to achieve long-term goal of reaching '**net zero' emission by 2070**.

✓ According to the updated NDC, India now stands committed to reducing emissions intensity of its **GDP by 45% by 2030** from **2005** level, and achieving **about 50%** cumulative electric power installed capacity from **non-fossil fuel-based energy resources by 2030**.

➤ **World's Largest Floating Solar Power**

✓ World's largest floating solar power plant to be built in **MP**.

✓ A floating solar power plant is going to be built in **Madhya Pradesh's Khandwa**, said to be the world's **largest floating solar plant**, it will **generate 600 Megawatt power by 2022-23**.

✓ The project is estimated to be worth over **3000 crores**.

Recently, **India's largest floating solar power project** had become **operational in Telangana**.

➤ **Jagdeep Dhankhar**

✓ **National Democratic Alliance** candidate and former West Bengal Governor Jagdeep Dhankhar will be the **14th Vice-President of the country**.

✓ He secured **528 votes out of the 710** valid votes in the 16th Vice-Presidential election held in Parliament.

➤ **Saksham Anganwadi and Poshan 2.0**

✓ The scheme has been approved by the government for implementation during the **15th Finance Commission period 2021-22 to 2025-26**.

✓ Saksham Anganwadi and Poshan 2.0 is an **Integrated Nutrition Support Programme**.

✓ It seeks to **address the challenges of malnutrition in children, adolescent girls, pregnant women and lactating mothers**.

➤ **Kala-azar**

✓ India has set the target to **eliminate Kala-azar from country by 2023**.

- ✓ India's target is way ahead than **WHO's target** of eliminating the disease by **2030**.
- ✓ Kala Azar is also called as **Leishmaniasis**. The disease is caused due to parasite called Leishmania.
- ✓ This parasite is transmitted via **bite of sand flies**.

➤ **India ki Udaan**

- ✓ **Tech giant, Google** - has launched a new project '**India ki Udaan**' to capture important milestones achieved by India in its journey of 75 years since Independence.
- ✓ The vibrant online project '**India ki Udaan**' showcases the contributions of Indians and the evolution of India since 1947 through its rich archives featuring artistic illustrations.

➤ **Badhe Chalo**

- ✓ The **Ministry of Culture** - has launched the '**Badhe Chalo**' Campaign to instil a deeper sense of patriotism and to connect the youth of India.

➤ **India House at Paris Olympics 2024**

- ✓ **Reliance Industries Ltd. (RIL) and Indian Olympic Association (IOA)** - have announced a long-term partnership, which includes setting up the **first-ever India House** at Paris Olympics 2024.

➤ **Electricity (Amendment) Bill 2022**

The latest bill proposes multiple amendments to the **Electricity Act 2003** and also lays the groundwork for the privatization of electricity.

➤ **2G Ethanol Plant**

- ✓ Prime Minister Narendra Modi - inaugurated a **Rs.900 crore** plant in **Haryana** for producing ethanol from **farm waste using indigenously developed 2G (second generation) technology**.
- ✓ According to the PM who addressed the gathering through video-conferencing, this technology would **help Delhi and its neighbourhood to reduce air pollution due to burning of farm stubble**.
- ✓ The plant, **first of its kind in the country**, was built by state-run **Indian Oil Corporation Limited** at its **Panipat refinery complex**.

➤ **Transgender Pilots**

- ✓ Aviation safety regulator opens door for transgender pilots.

- ✓ In a big win for aspiring pilot **Adam Harry** and the entire transgender community, the aviation safety regulator has for the **first time framed** new **medical guidelines** that allow transgender persons who have completed gender transition therapy or surgery to be declared fit to fly.
- **Govt. Extends PMAY-Urban Scheme**
- ✓ The Union Cabinet approved an extension to the Pradhan Mantri Awas Yojana-Urban up to **December 31, 2024** so that the houses sanctioned under the scheme can be completed, officials said.
- **SMILE-75**
- ✓ **The Social Justice and Empowerment Ministry** - launched the '**SMILE-75' initiative** for comprehensive rehabilitation of persons engaged in begging in 75 identified municipalities.
- ✓ This initiative has been launched as part of Azadi ka Amrit Mahotsav, celebrating 75 years of Independence.
The initiative is part of the Ministry's ongoing SMILE project (**Support for Marginalised Individuals for Livelihood and Enterprise**) for which Rs.100 crore has been allocated till 2025-2026.
- **Ministry of Skill Development and Entrepreneurship (MSDE)**
- ✓ **Tech giant, Microsoft** - has partnered with Ministry of Skill Development and Entrepreneurship (MSDE), and Capacity Building Commission (CBC) to impart **future-ready skills to the country's civil servants**.
- ✓ The partnership aims to enhance the **functional computer literacy** of nearly 2.5 million civil servants of Government of India.
- **State University Research Excellence (SERB-SURE)**
- ✓ The Science and Engineering Research Board (**SERB**) - has launched a new scheme titled "**State University Research Excellence (SERB-SURE)**" recently.
- ✓ The scheme provides **research support to active researchers** in frontier areas of science, engineering, and quantitative social science, belonging to state and private universities and colleges.
- **Panch Pran**
- ✓ Addressing the country from the ramparts of the Red Fort in New Delhi on the 76th Independence Day, the Prime Minister gave a call for setting

big resolutions and spelled out “Panch Pran” (five resolves) to fulfil the dreams of freedom fighters for the country by 2047, the centenary of Independence.

- ✓ The Prime Minister said Indians should focus on the **five pledges** – a resolve for a developed India, removing any trace of the colonial mindset, taking pride in our legacy, our strength of unity, and fulfilling the duties of citizens with honesty, which should be done by the Prime Minister and the Chief Ministers as well.

➤ **Har Ghar Jal**

- ✓ Goa and Union Territory of Dadra & Nagar Haveli and Daman & Diu (D&NH and D&D) - have become the **country's first 'Har Ghar Jal' (water to every household) certified state and UT respectively.**

➤ **ODF Plus Villages**

- ✓ India has achieved the milestone of more than one lakh (1,01,462) ODF Plus villages. The **top five performing states are Telangana, Tamil Nadu, Odisha, Uttar Pradesh, and Himachal Pradesh.**
- ✓ Maximum number of villages has been declared as ODF (Open Defecation Free) plus in these states.
- ✓ **In 2014**, PM Modi launched the Swachh Bharat Mission to make the country open defecation free.
On 2 October 2019, **rural India became open defecation free (ODF).**

➤ **Hydrogen Fuel Cell Bus**

- ✓ Union Minister Dr. Jitendra Singh - unveiled **India's first indigenous Hydrogen fuel cell bus in Pune, Maharashtra.**
- ✓ The Hydrogen fuel cell bus is developed by the **CSIR - Council of Scientific and Industrial Research** and a private firm, **KPIT Limited.**

➤ **AIIMS to Take Names of 'Heroes'**

- ✓ Over 20 All India Institute of Medical Sciences (AIIMS) centres spread across India, now known based on their location, are set to get individual names.
- ✓ The majority of the 23 AIIMS has submitted a list of names after the Union Ministry of Health and Family Welfare.
- ✓ The **AIIMS, New Delhi**, the forerunner institute, was established in **1956**. Since then, 24 more institutes have been announced. As of January 2022, 19 institutes are operating and five more are expected to become operational by 2025.

➤ **Garba**

- ✓ India - has **nominated the dance form 'Garba'** to be inscribed on **UNESCO's intangible cultural heritage** list.
- ✓ If approved, Garba dance will become the first intangible cultural heritage of Gujarat to be listed by UNESCO.
- ✓ Garba is a form of dance, as well as a religious and social event.

➤ **National Health Authority (NHA)**

- ✓ The Ministry of Social Justice and Empowerment - had signed a Memorandum of Understanding (MoU) with the **National Health Authority (NHA)** for providing a comprehensive medical package to **transgender persons**.
- ✓ This is done by linking the **SMILE** (Support for Marginalised Individuals for Livelihood and Enterprise) **scheme with the "Ayushman Bharat Scheme"** of the Ministry of Health and Family Welfare.
- ✓ With this, India will be the **first country in the world to provide free-of-cost facilities like cosmetic surgery to the transgender community under a government scheme**.

➤ **One Nation, One Fertiliser' (ONOF)**

- ✓ Union Minister for Chemical and Fertilisers Mansukh Mandaviya - said that 'One Nation, One Fertiliser' (ONOF) scheme will be **implemented across the country from October 2, 2022**.
- ✓ As part of the initiative, crop nutrients will be sold under a **single brand name, 'Bharat'** irrespective of the manufacturing companies under the Centre's fertilizer subsidy scheme, '**Pradhanmantri Bharatiya Janurvarak Pariyojana'** (PM-BJP).

➤ **Azadi Quest**

- ✓ **Union Minister of Information and Broadcasting, Anurag Thakur** - launched '**Azadi Quest'**, a series of **online educational mobile games** based on India's freedom struggle.
- ✓ Azadi Quest is a set of **online games** designed for players of all ages for interactive learning with fun gameplay.

➤ **Best Aspirational District**

- ✓ The NITI Aayog - has declared holy city of **Haridwar in Uttarakhand** as the best aspirational district in the country.

- ✓ The district has secured **first rank in basic infrastructure theme** and has been entitled to receive additional allocation of Rs. 3 crore for further development on five parameters under the aspirational districts programme.
 - ✓ The aspirational district programme was launched in **January 2018** to quickly and effectively transform some of most underdeveloped districts of the country.
- **Battery Waste Management Rules, 2022**
- ✓ The **Ministry of Environment, Forest and Climate Change** - released the Battery Waste Management Rules, 2022 to ensure environmentally sound management of waste batteries.
 - ✓ The new rules, published on August 24, seek to **replace Batteries (Management and Handling) Rules, 2001**.
 - ✓ The rules are based on the concept of **Extended Producer Responsibility (EPR)** where the producers (including importers) of batteries are responsible for collection and recycling/refurbishment of waste batteries and use of recovered materials from wastes into new batteries.
- **Telangana Tops Inflation Charts at 8.32%**
- ✓ India's retail inflation has been a bugbear for the economy since it surged past 6% in January.
 - ✓ While headline inflation measured by the **Consumer Price Index** has averaged **6.8% in the first seven months of 2022**, well above the 6% upper tolerance threshold set by policy makers, consumers in Telangana, West Bengal and Sikkim faced the steepest spike in prices, with their combined retail inflation for rural and urban areas averaging 8.32%, 8.06%, and 8.01%, respectively.
- **Wild Life (Protection) Amendment Bill, 2021**
- ✓ Provide for the implementation of the **Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)**.
 - ✓ Empowers central government to regulate and stop the import, trade, possession, or proliferation of invasive alien species.
 - ✓ Management authority to provide export, and import permits for species, and a scientific authority to advise the government on it.

- **National Integrated Database on Arrested Narco-offenders (NIDAAN)**
- ✓ Narcotics Control Bureau has developed **India's first database of arrested narcotics offenders**
- ✓ It is a part of the narcotics coordination mechanism (NCORD) portal.

- **National Automated Fingerprint Identification System (NAFIS)**
- ✓ National Automated Fingerprint Identification System (NAFIS) was inaugurated on August 16, 2022 by Amit Shah.
- ✓ NAFIS has been developed by **National Crime Records Bureau (NCRB)**. This System will help in disposal of cases in easy and quick manner by using centralized fingerprint database.

- **One Herb, One Standard**
- The Ministry of Ayush and Ministry of Health & Family Welfare -** have joined hands to achieve the ambitious "One Herb, One Standard"
- ✓ The MoU seeks **Inter-Ministerial cooperation** for promotion and facilitation of "One Herb, One Standard".

- **30th Southern Zonal Council Meeting**
- ✓ Union Home Minister Amit Shah - inaugurated the 30th southern zonal council meeting of the south Indian states and Union Territories in **Thiruvananthapuram** on September 3, 2022.
- ✓ Tamil Nadu Chief Minister M.K. Stalin, Kerala Chief Minister Pinarayi Vijayan, Karnataka Chief Minister Basavaraj Bommai and Telangana governor and Puducherry lieutenant governor (additional charge) Tamilisai Soundararajan attended the meeting.

- **Pradhan Mantri Schools For Rising India (PM-SHRI)**
- ✓ **On September 5, PM Narendra Modi - announced** that 14,500 schools across the country will be upgraded and developed as Pradhan Mantri Schools For Rising India (PM-SHRI).
- ✓ PM Modi made the announcement on the occasion of **Teachers' Day**.
- ✓ These **centrally-sponsored schools** will **showcase all components of the National Education Policy 2020** and act as exemplar schools and also offer mentorship to other nearby institutions.

➤ **Kartavya Path**

- ✓ The government of India has announced to change the name of Rajpath and Central Vista lawns into Kartavya Path. The decision is said to shed remnants of the British colony in India.
- ✓ The decision came after a special meeting on September 7, convened with the aim of renaming the Rajpath and Central Vista lawns.

➤ **Pradhan Mantri TB Mukht Bharat Abhiyaan**

- ✓ On September 9, **President Droupadi Murmu - virtually launched an anti-TB campaign 'Pradhan Mantri TB Mukht Bharat Abhiyaan'.**
- ✓ The President also launched the **Nikshay Mitra** initiative which forms a vital component of the TB elimination program.
- ✓ The initiative of Nikshay Mitra is based on the concept of community support for TB extinction.
- ✓ The National Tuberculosis Elimination Programme (NTEP), previously known as the Revised National Tuberculosis Control Programme (RNTCP), aims to strategically **reduce the TB burden in India by 2025.**

➤ **India's National Security Council Secretariat (NSCS)**

- ✓ India's National Security Council Secretariat (NSCS) and the **UK government** - successfully conducted a **virtual ransomware drill** for 26 countries on September 6, 2022.
- ✓ The exercise was part of the International Counter Ransomware Initiative (CRI)-Resilience Working Group which is being led by India under the leadership of National Cyber Security Coordinator (NCSC).

➤ **Cheetah Re-introduction Project**

- ✓ PM Narendra Modi will launch the Cheetah re-introduction project on 17th September 2022.
- ✓ He disclosed this at the inaugural meeting of the national conference for the Zoo Directors held in **Bhubaneswar** on 10 September 2022.
- ✓ For the purpose, **Cheetah will be brought from Namibia.**
This is for the **first time that the Cheetah is being re-introduced after its disappearance from India in the 1950s.**

➤ **India Becomes Power Surplus Nation**

- ✓ The country has become power surplus, we have connected the whole country into **one grid, and strengthened the distribution system.**

✓ These steps have increased the power availability to 22 hours in rural areas and 23.5 hours in urban areas. The next step is to take it to 24X7 guaranteed power supply at affordable price.

➤ **Raktdaan Amrit Mahotsav**

✓ Raktdaan Amrit Mahotsav to start from **September 17**.

✓ The countrywide **mega blood donation drive** is known as 'Raktdaan Amrit Mahotsav' which will continue till **1st October 2022 which is National Voluntary Blood Donation Day**

✓ According to the 2021 statistics, India's annual blood requirement is around 1.5 crore units.

➤ **India's 1st Swachh Sujal Pradesh**

✓ **Andaman and Nicobar Islands** declared India's 1st Swachh Sujal Pradesh.

✓ **Union Jal Shakti Minister** Gajendra Singh Shekhawat has declared Andaman and Nicobar Islands as India's first Swachh Sujal Pradesh.

✓ Now, all villages of Andaman and Nicobar Island have been **certified as Har Ghar Jal and verified as open defecation free**.

➤ **National Logistics Policy (NLP)**

✓ Prime Minister Narendra Modi launched National Logistics Policy (NLP) on **17 September in New Delhi**. The need for a National Logistics Policy was felt because of the high logistics costs in India as compared to other developed countries.

✓ The National Logistics Policy will assist in lowering India's logistical expenses to increase the competitiveness of Indian goods in the global market.

The National Logistics Policy will give a boost to the **GatiShakti National Master Plan**.

➤ **Kuno National Park (KNP)**

✓ **PM Narendra Modi** - released eight African cheetahs into a special enclosure at the **Kuno National Park (KNP) in Madhya Pradesh**.

✓ This is the **first time** that wild southern African cheetahs will be **introduced to India, or in Asia, or on any other continent**.

✓ Under the **Species Recovery Program** of the Government of India, species that become extinct are restored in their historic natural habitat.

➤ **Kaushal Dikshant Samaroh**

- ✓ **On September 17, Prime Minister, Narendra Modi** - addressed the students of the Industrial Training Institutes at the first ever convocation of ITIs, 'Kaushal Dikshant Samaroh'
- ✓ During his virtual address, the PM stressed on the **significance of "skilling, reskilling and upskilling"** and urged the students to constantly innovate to make a smooth transition.

➤ **Global Environment Facility Small Grants Programme**

- ✓ The Ministry of Environment of Environment, Forest and Climate Change (**MoEF**) - has jointly launched the Global Environment Facility Small Grants Programme.
- ✓ The programme has been launched recently in collaboration with the United Nations Development Programme (**UNDP**) and The Energy and Resources Institute (**TERI**).
- ✓ It seeks to provide **financial and technical assistance to projects focusing on conserving and restoring environment.**

➤ **National Commission for Protection of Child Rights (NCPCR)**

- ✓ The National Commission for Protection of Child Rights (NCPCR) - has added several new features to the "**E-Baal Nidan**" portal to ensure **time-bound grievance redressal against violation of child rights.**
- ✓ The new features include segregation of complaints based on the nature of the complaint into their subject matters like Juvenile Justice, POCSO, Labour and Education.

➤ **Export Promotion Council (EPC)**

- ✓ The Centre - has approved the setting up of an Export Promotion Council (EPC) for **Medical Devices** under the aegis of the **Department of Pharmaceuticals.**
- ✓ The move is expected to boost the exports of medical devices from India. The Council will be **headquartered in Greater Noida, Uttar Pradesh,** with regional offices in Andhra Pradesh (in AMTZ, Visakhapatnam) and Telangana (in Hyderabad).

➤ **Chandigarh Airport to rename after Bhagat Singh**

- ✓ Prime Minister Narendra Modi announced the decision to rename the Chandigarh airport after **Shaheed Bhagat Singh.**
- ✓ The decision has been taken on September 25, 2022, as a tribute to the freedom fighter.

- **Bhagat Singh's 115th Birth Anniversary: 28 September 2022**
- ✓ Bhagat Singh was born on September 28, 1907 at Village **Banga in Punjab**.
- ✓ He was **hanged by the British** rulers along with his friends **Rajguru and Sukhdev on March 23, 1931** because they refused to give in to the atrocities of the British rulers.
- ✓ At the **age of 23**, he attained martyrdom.
- ✓ He gave the slogan '**Inquilab Zindabad.**'

- **Jaldoot**
- ✓ With the rapidly declining water table threatening to push many regions into drought, the Union government launched a **mobile application – Jaldoot – jointly developed by the Rural Development and Panchayati Raj Ministries to monitor the groundwater levels across the country.**

- **AgriAdapt**
- ✓ To combat the risks and challenges of climate change, the World Resources Institute (WRI) in collaboration with the **National Agro Foundation (NAF)** has developed a **free online tool to help farmers plan their activities based on climatic conditions, both regionally and internationally.**
Through AgriAdapt, farmers can understand the conditions that impact their facilities to make more informed business decisions.

- **Operation Megh Chakra**
- ✓ **The Central Bureau of Investigation (CBI)** conducted searches at 59 locations across 20 States and one Union Territory, as part of a **pan-India drive against the circulation and sharing of child sexual abuse material.**
- ✓ The operation code-named “Megh Chakra” was carried out following the inputs received from the Interpol’s Singapore special unit based on the information received from the authorities in New Zealand.

- **Popular Front of India (PFI)**
- ✓ On September 28, the **government declared the Popular Front of India (PFI) and its associates, affiliates or fronts as “unlawful association” under the Unlawful Activities (Prevention) Act, 1967, for five years.**

- ✓ The PFI was found to be involved in cases relating to alleged terror activities, terror funding, terror training and radicalisation by its leaders and cadre.
- **Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY)**
- ✓ On September 28, the government - announced the **extension of the Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) for three more months till December 2022.**
- ✓ This is the eighth phase of the scheme that **provides 5kg free foodgrains to nearly 80 crore beneficiaries every month** since the first wave of Covid-19 pandemic in March 2020.
- **Temples, Buddhist caves revealed in M.P. Tiger Reserve**
- ✓ The Archaeological Survey of India (ASI) earlier this year discovered **Buddhist caves and stupas, and Brahmi inscriptions, dating back to the 2nd century.**
- ✓ The Hindu temples from the 9th-11th centuries, and possibly the **world's largest Varaha sculpture** also dating to the same period, at the **Bandhavgarh Tiger Reserve in Madhya Pradesh.**
- **Vande Bharat 2.0**
- ✓ Prime Minister Modi launched the new and upgraded version of Vande Bharat Express **between Gandhinagar and Mumbai.**
- ✓ The new train can reach the **maximum speed of 160 km per hour in 129 seconds**, around 16 seconds faster than the other Vande Bharat trains.
- ✓ It needs to run almost a km less to reach the maximum speed.
- **5th Rashtriya Poshan Maah 2022**
- ✓ **Ministry of Women and Child Development** is celebrating 5th Rashtriya Poshan Maah 2022 from **1st to 30th September 2022.**
- ✓ It's a **flagship programme** of government of India to improve nutritional outcomes for **pregnant women, lactating mother, children and adolescent Girls**
- ✓ It was launched by Prime Minister on the occasion of **International Women's Day on March 8, 2018.**
- ✓ POSHAN - "Prime Minister's Overarching Scheme for Holistic Nutrition Abhiyaan".
- ✓ Mission Poshan 2.0 is launched as a support initiative to strengthen nutritional content, delivery, outreach and outcomes that **nurture health, wellness and immunity to disease and malnutrition.**

SCHEMES

➤ 'AVSAR' Scheme

- ✓ Under the "AVSAR" (Airport as Venue for Skilled Artisans Of The Region) scheme, an area of 100-200 square feet will be allocated to **self-help groups at each Airports Authority of India (AAI) operated airport.**
- ✓ It will give an opportunity for self-help groups for showing their **local products** at airports, like Puffed Rice, Packaged Papad, Pickles, etc.
- ✓ The main aim of this initiative is to **support Self Help Group** by promoting their local products.

➤ Gram Swaraj Scheme

- ✓ The Cabinet Committee on Economic Affairs (CCEA) approved a proposal to continue the Rashtriya Gram Swaraj Abhiyan (RGSA), a scheme for **improving the governance capabilities of Panchayati Raj institutions, till 2025-26.**
- ✓ The approved scheme of RGSA will help more than 2.78 lakh rural local bodies.
- ✓ The statement said the scheme would work towards "**poverty-free and enhanced livelihood in villages; healthy villages, child-friendly villages; water-sufficient villages; clean and green villages; self-sufficient infrastructure in villages; socially-secure villages; villages with good governance and engendered development in villages.**"

➤ Pradhan Mantri Ujjwala Yojana (PMUY)

- ✓ The scheme was originally launched on **May 1, 2016, in Ballia, Uttar Pradesh** by Prime Minister Narendra Modi with a target of releasing **eight crore connections by March 2020.**
- ✓ So far, over nine crore connections under the Pradhan Mantri Ujjwala Yojana has been released. The **PMUY 2.0** was launched in **2021-22**, making a provision for release of **additional one crore connections.**

➤ Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY), Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Atal Pension Yojana (APY)

- ✓ Three **social security schemes** Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY), Pradhan Mantri Suraksha Bima Yojana (PMSBY) and Atal Pension Yojana (APY) - have **completed seven years of their launch.**
- ✓ The schemes were launched by Prime Minister Narendra Modi on **May 9, 2015 from Kolkata, West Bengal.**

- ✓ **PMJJBY and PMSBY are low-cost insurance schemes, while APY is a scheme to cover the old age requirements by providing regular pension.**
- **NAMASTE Scheme**
- ✓ The Government - has rolled out a '**National Action Plan for Mechanized Sanitation Ecosystem - NAMASTE scheme**' for cleaning of sewers and septic tank from August 17.
- ✓ The scheme is a joint venture of **Department of Drinking Water and Sanitation, Ministry of Social Justice and Empowerment** and the **Ministry of Housing and Urban Affairs.**
- ✓ It aims to achieve outcomes like **zero fatalities in sanitation work, no sanitation workers (SafaiMitras)** come in direct contact with human faecal matter and all Sewer and Septic tank sanitation workers have access to alternative livelihoods.
- **One Nation, One Fertiliser**
- ✓ Central Government has ordered the implementation of the '**One Nation, One Fertiliser**' scheme.
- ✓ The new scheme is aimed at bringing about uniformity in fertilizer brands across the country under the **single brand name of 'Bharat'**.

State	Scheme	Purpose
Meghalaya	'Rural Backyard Piggery Scheme	To make the state self-sufficient in pork supply
Karnataka	Global Startup Challenge "VentuRISE"	To support the growth stage of startups in manufacturing and sustainability sectors.
Uttar Pradesh	Parivar Kalyan Card	To map each family in the state
Odisha	CHHATA Scheme	CHHATA stands for Community Harnessing and Harvesting rainwater Artificially from Terrace to Aquifer
Rajasthan	100-Day Urban Employment Guarantee Scheme	To give 100 days of employment per year to families in urban areas

Tamil Nadu	Pudhumai Penn scheme	1000 monthly assistance will be provided to girl students of class V to XII in state government schools till they complete their graduation or diploma.
Chhattisgarh	Mukhyamantri Govansh Chikitsa Yojana Mobile	Mobile Healthcare Facilities for Cattle
Gujarat	Cinematic Tourism Policy 2022-2027	To promote cinematic tourism by developing film infrastructure and creating attractive opportunities for cinema in Gujarat.
Chhattisgarh	'Hamar Beti-Hamar Maan' (Our Daughter Our Pride) campaign	For women's safety and their empowerment in society
Haryana	Chief Minister Equal Education Relief, Assistance and Grant (CHEERAG)	It aims to provide 'free education' to economically weaker section (EWS) students for admission in private schools. Students from families with income below Rs 1.8 lakh per annum can avail the benefits of this scheme.
Kerala	eggs and milk scheme for Anganwadi children	Under this scheme every child will be given 125 ml of milk two days a week and an egg twice a week for 44 weeks (10 months).
Gujarat	Family First – Samjavat nu Sarnamu	Under this scheme, a committee will be constituted at the district and taluk level of the state for settlement and resolution of family disputes.
Jammu and Kashmir	PARVAZ Market Linkage Scheme	It provides support for the shipment of Agriculture & Horticulture perishables

Telangana	Bathukamma saree scheme	Distribution of sarees to women for Bathukamma festivities
Uttarakhand	Mukhya Mantri Udiyaman Khiladi Unnayan Yojana	Sports scholarship scheme, 4 percent reservation for sportspersons in government jobs
Uttarakhand	Bal Vatikas	To improve the pre-primary education system in Anganwadi Kendras of Uttarakhand
Chhattisgarh	Mukhyamantri Mahtari Nyay Rath	Aims to spreading legal awareness among women.
Delhi	Mission Kushal Karmi	To provide skill development training for construction workers registered with the Delhi Building and Other Construction Workers Welfare Board
Karnataka	Swami Vivekananda Yuva Shakti Yojana	Aims to empower rural youth with financial assistance and skill training
Karnataka	Raita Vidyanidhi scholarship programme	Under this scheme, the children of farmer weavers, taxi drivers and fishermen will be given scholarships ranging from Rs 2500 to Rs 11000
Tripura	“Earn with Learn” As Part of Vidyalaya Chalo Abhiyan	To re-enroll students who had dropped out of school following the outbreak of the COVID-19 pandemic
Karnataka	‘FRUITS’ software	FRUITS stands for ‘The Farmer Registration & Unified Beneficiary Information System’. Through this farmer can access benefits of hosts of schemes such

		as Direct Benefit Transfer (DBT) under PM Kisan, payment for Minimum Support Prices (MSPs) for crops, special financial assistance, caste certificate authentication, and ration cards.
Himachal Pradesh	Single-Use Plastic Buy Back Scheme	Under the Single-Use Plastic Buy Back Scheme, Himachal Pradesh government would purchase the single-use plastic items from students of schools and colleges.
Haryana	Sujal	Water Conservation pilot project to monitor the water supply and control its flow in Panchkula region, Haryana
Punjab	e-stamping facility	To abolished the physical stamp papers, in order to bring efficiency and check the pilferage of state revenue.
Rajasthan	“Anchal” Health Care Abhiyan	To ensure the availability of all medical aid to pregnant women at the pre- and post-natal stage to reduce maternal and infant mortality
Tamil Nadu	Nalaya Thiran - Skilling Programme	This program will provide experience about the industrial problems and help the industry get skilled students
Andhra Pradesh	YSR Yantra Seva Scheme	Under this project, CM YS Jagan Mohan Reddy has distributed tractors and combine harvesters at the Chuttugunta Centre in Guntur, Andhra Pradesh.

Tamil Nadu	Ennum Ezhuthum scheme	To assess and bridge the learning gap, the education department will distribute workbooks to students in grades 1 to 3 and provide training in 3 subjects - Tamil, English and Mathematics.
Karnataka	Kashi Yatra Scheme	The project provides cash assistance of Rs 5,000 each to 30,000 pilgrims who are willing to make the pilgrimage to the Kashi Bishwanath Temple in Varanasi, Uttar Pradesh.
Manipur	“Red Shield Centre for Excellence and Wellness”	A Centre for Excellence and Wellness for coaching and making underprivileged students of Manipur eligible for admission to the best colleges and universities in India.
Odisha	India’s first Olympic Values Education Programme (OVEP)	This values-based curriculum was initiated to help children become active, healthy and responsible citizens
Punjab	‘Lok Milni’ program (Earlier, the program was named as ‘janta darbar’)	Initiatives for on-the-spot redressal of the people’s grievances
Tamil Nadu	Kalaignarin All Village Integrated Agriculture Development Programme	Coconut saplings, home farming saplings, horticultural saplings, sprays needed for farming, kit for vegetable garden would be distributed under this scheme. 100% subsidy would be provided to Adi Dravida farmers for sinking wells in dry lands, employ drip irrigation, and to dig farm ponds.

Punjab	'Digital J Form'	To bring transparency and to empower farmers, the Punjab Mandi Board has decided to send a 'digital J form' to the WhatsApp number.
Uttar Pradesh	School Chalo Abhiyan	To ensure 100 percent enrollment of students in Primary and Upper Primary schools from Jaichandpur Katghara Uttar Pradesh (UP).
Delhi	Science Innovation Hub'	To promote a scientific culture and inculcate a scientific temper for nurturing talent in science and technology.
Karnataka	Women@Work (W@W) Programme	To create an equitable, inclusive and equal world for women in workplaces at an even organized jointly by the Karnataka Digital Economy Mission (KDEM), KTECH and the Karnataka Skill Development Corporation
Kerala	24/7 WhatsApp Chatbot 'Maya'	24×7 working WhatsApp chatbot to provide information and updates related to the tourism ecosystem in Kerala
Puducherry	first-of-its kind Digital School Health Platform	Under this project, the Health Department will feed the personal details of all government school students into a portal to maintain their health record
Tamil Nadu	“Naan Muthalvan-Ulagai Vellum Ilaiya Tamilagam” scheme (‘I am the first - the youngest Tamil Nadu to conquer the world)	skill development scheme for students

Tripura	Mukhyamantri Chaa Srami Kalyan Prakalpa	It brings 7000 tea garden workers of Tripura under social security schemes
Assam	4-year mentorship programme - "Project Arohan"	To mentor the students of Assam and to hone their skills.
Chhattisgarh	"Rajiv Gandhi Grameen Bhumihen Krishi Mazdoor Nyay Yojana"	The Yojana provides financial assistance of Rs 6000 per year in 3 instalments of the landless labourers of rural areas of Chhattisgarh.
Delhi	"Smart Card Arms License" and "Shastra Mobile Application".	to provide techno-friendly digital services to the citizens of Delhi
Ladakh	Kunsnyoms Scheme	This scheme aims to provide assistive devices and technologies for Differently-abled persons at a 90% subsidised rate.
West Bengal	Open-Air Classroom 'Paray Shikshalaya'	Due to Covid-19 West Bengal government launched 'Paray Shikshalaya' (Neighbourhood Schools), an open-air classroom programme for students from classes 1 to 7
Assam	Project 'Niramay	To digitise the public health care delivery in Assam.
Karnataka	'Grama One' Initiatives	To provide government services under one roof in rural areas. 100 government services are being offered under this initiatives.
Karnataka	Brain Health Initiative	The initiative aims to help people to cope with mental health issues. Under this initiative, doctors will

		be trained in screening and treating mental health patients.
Telangana	'Mana Ooru-Mana Badi' Programme	To improve the existing infrastructure and the quality of education in government school of the sates of Telangana.



COURT VERDICT

- **152-year-old Colonial-Era Sedition Law**
 - ✓ Supreme Court puts 152-year-old colonial-era sedition law on hold.
 - ✓ The Supreme Court has ordered that the 152-year-old sedition law under Section 124A of the Indian Penal Code should be effectively kept in abeyance till the Union Government reconsiders the provision.

- On September 7, the Madras High Court - ordered the Tamil Nadu Public Service Commission (TNPSC) to implement the rule of **reservation for the women's category horizontally only and not vertically in public employment.**
 - ✓ A Bench of Chief Justice **MN Bhandari** and Justice **N Mala** held that **the Constitution prohibits discrimination in public employment on the basis of gender as per Article 16(2).**
 - ✓ The Court held that the policy of the **TNPSC to provide 30% reservation for women across all quotas** will have be struck off as **unconstitutional**, if the authorities do not amend the process.

- **Medical Termination of Pregnancy Act**
 - ✓ On September 29, the Supreme Court - ruled that every pregnant woman, regardless of her marital status, has the intrinsic right to choose to undergo abortion without any consent or authorisation from a third party.
 - ✓ A bench of Justices **D Y Chandrachud**, **A S Bopanna** and **J B Pardiwala** held that **unmarried or single women can seek safe abortion of pregnancies up to 24 weeks** under the **Medical Termination of Pregnancy Act** and rules thereunder.

The ruling, incidentally delivered on World Safe Abortion Day, emphasises female autonomy in deciding abortion.

INTERNATIONAL

- **23rd Prime Minister of Pakistan**
 - ✓ Pakistan's opposition leader, **Shehbaz Sharif** has been elected unopposed as the **23rd Prime Minister** of the country through voting in the National Assembly.

- **United Nations Economic and Social Council (ECOSOC)**
 - ✓ India gets elected to four bodies of the United Nations Economic and Social Council (ECOSOC).

- **Twitter**
 - ✓ Billionaire Elon Musk - has reached an agreement to acquire Twitter for approximately \$44 billion (around Rs. 3,365 crore) in an all-cash transaction with shares valued at \$54.20.
 - ✓ Musk bought a 9.2% stake in Twitter on April 4 and then announced his takeover bid on April 14, calling it his 'best and final offer'.
 - ✓ Musk is the world's wealthiest person, with a fortune of \$257 billion, according to the Bloomberg Billionaires Index.

- **Bach Long (White Dragon)**
 - ✓ **Vietnam** - opened the '**world's longest**' glass-bottomed bridge named Bach Long (White Dragon) in northwest **Son La province**.
 - ✓ The bridge's entire length is 632 metres (2,073 feet), and the floor is constructed of tempered glass created in France that can carry up to 450 people at a time.

- **UN-Energy Plan of Action Towards 2025**

The United Nations - announced the launch of 'UN-Energy Plan of Action Towards 2025' to support the **transition to clean, affordable energy for all and net-zero emissions**

- **Ferdinand Marcos Jr**
 - ✓ Ferdinand Marcos Jr, son of former dictator Ferdinand Marcos - claimed victory in the **Philippine presidential elections**.
 - ✓ He has secured over 31 million votes in an unofficial vote count, more than double the tally of his nearest rival, liberal candidate Leni Robredo.
 - ✓ Marcos Junior will begin a six-year term as president at the end of June.

➤ **Monkeypox**

- ✓ **The United Kingdom** - has confirmed **first case of Monkeypox, the virus that passed from infected animals** such as rats to humans.
- ✓ Monkeypox is a rare disease caused by infection with Monkeypox virus, belonging to the **Orthopoxvirus** genus in the family **Poxviridae**, that does not spread easily between people.

➤ **Sri Lanka**

- ✓ Sri Lanka - has become the **first Asia-Pacific country** in this century to default on its debt.
- ✓ Defaults can damage a country's reputation with investors, making it harder to borrow the money it needs on international markets, which can further harm confidence in its currency and economy.

➤ **Sky Bridge 721**

- ✓ The **world's longest suspension footbridge 'Sky Bridge 721'** - has been opened up in the **Czech Republic for tourists**.

➤ **Crimean-Congo haemorrhagic fever (CCHF)**

- ✓ **Iraq** - is witnessing an **outbreak of nose-bleed fever** that causes people to bleed to death.
- ✓ The disease called the Crimean-Congo haemorrhagic fever (CCHF) has claimed 19 deaths among 111 cases this year, according to the World Health Organization.

➤ **Turkiye**

- ✓ The United Nations has agreed to formally recognise **Turkey as 'Turkiye'** after a request from the Turkish government.
- ✓ Turkish FM Mevlut Cavusoglu had in a letter to the **UN Secretary-General Antonio Guterres** on June 1 had requested the use of "Türkiye" instead of "Turkey" for all affairs.

➤ **1st Asian Country to Legalise Cannabis**

- ✓ **Thailand** has become the first Asian country to legalise cannabis for medicinal use.

➤ **Monkeypox**

- ✓ **The World Health Organisation (WHO)** - declared monkeypox a **public health emergency of international concern**.
- ✓ The monkeypox has spread in just a few weeks to dozens of countries and infected tens of thousands of people.

According to the US Centers for Disease Control and Prevention, nearly 16,000 cases of monkeypox have been reported in 75 countries since May.

➤ **Lisbon Declaration**

- ✓ 198 members of the **United Nations** unanimously adopted **July 1, 2022** the Lisbon Declaration on **ocean conservation**
- ✓ The **2nd UN Ocean Conference** ended with **Lisbon Declaration**.
- ✓ This Declaration titled as '**Our Ocean, Our Future: call for action**'.
- ✓ **Declaration**
- ✓ Protecting at least **30% of national maritime zones by 2030**
- ✓ Achieving **carbon neutrality by 2040**
- ✓ Allocating funds to research on ocean acidification, climate resilience and surveillance
- ✓ Scale-up Science-based and innovative actions to address ocean emergency
- ✓ Support implementation of **SDG14 (life below water)** by empowering women and girls- recognising their participation is crucial to building a sustainable ocean-based economy
- ✓ India:
- ✓ Will take up the **Coastal clean sea campaign** ('Swachh Sagar, Surakshit Sagar'.)
- ✓ **Ban on single-use plastics.**

➤ **Mack Rutherford**

- ✓ A Belgian-British teenager, Mack Rutherford - became the **nsolo** in a small aircraft after landing on August 24.
- ✓ Mack Rutherford, who turned 17 during the trip, landed near Bulgaria's capital, Sofia, to complete his task and to claim two Guinness World Records.

➤ **World's Lowest Fertility Rate**

- ✓ **South Korea** - broke its own record for the world's lowest total fertility rate last year, as per the census data released.

➤ **Hydrogen Trains**

- ✓ **Germany** becomes the **first nation to launch hydrogen trains**.
- ✓ Germany inaugurated the **world's first hydrogen-powered train**, Coradia iLint, on 24 August 2022.

✓ A total of 14 hydrogen power trains will operate on a regional route in Germany. Manufactured by Alstom, these trains will only emit steam and condensed water while operating with a low level of noise.

➤ **Liz Truss**

✓ UK Foreign Minister and Conservative Party leader Liz Truss - was elected as the next **UK Prime Minister** on September 5.

✓ Liz Truss defeated her rival, former finance minister Rishi Sunak, to win the Tory leadership contest.

✓ Truss got 57.4% share of the members' vote against Sunak's 42.6%.

✓ **Liz Truss is the third female Prime Minister in Britain**, after Margaret Thatcher and Theresa May.

➤ **King Charles III**

✓ King Charles III - was officially proclaimed monarch on September 10 in the first accession council ceremony to be held in 70 years.

✓ The ceremony, a highly choreographed ritual which dates back to at least 1837, was held at St. James's Palace, a Tudor royal residence near Buckingham Palace.

✓ **Charles became the new monarch automatically upon the death of his mother, Queen Elizabeth II.**

➤ **Hungary**

✓ On September 15, members of the European Parliament - declared in a non-binding report that Hungary was **no longer** a "full" **democracy**, but **a hybrid regime of electoral autocracy.**

✓ A resolution was passed against Hungary with the support of 433 members, while 123 members voted against the resolution with 28 abstentions.

The lawmakers raised concerns about Hungary's constitutional and electoral systems, judicial independence, possible corruption, public procurement irregularities, LGBTQ+ rights, as well as media, academic and religious freedoms.

➤ **India has overtaken China as largest bilateral lender for Sri Lanka**

✓ India has provided a **total of 968 million US dollars in loans to Sri Lanka** in four months of 2022. In the past five years from 2017-2021, the largest bilateral lender to Sri Lanka has been China.

✓ According to **India's Permanent Representative to the UN, Ruchira Kamboj**, India had provided nearly 4 billion dollars in the form of food and financial assistance to Sri Lanka.

➤ **Green Fins Hub**

✓ The United Nations Environmental Programme (UNEP) - has launched the **world's first-ever global digital platform 'Green Fins Hub' to boost sustainable marine tourism.**

✓ It has been launched along with UK-based charity Reef-World Foundation.

✓ The platform will help diving and snorkelling operators worldwide to make simple, cost-efficient changes to their daily practices by utilising standard solutions.

✓

➤ **Giorgia Meloni**

✓ Giorgia Meloni - is set to become **Italy's first woman Prime Minister** after a massive win at the elections held on September 25.

✓ It will also be the first time the nation will be under the most right-wing government since World War II and the fascist leader Benito Mussolini.

INDIA & OTHER COUNTRIES

➤ **India-Australia Economic Cooperation and Trade Agreement**

- ✓ Commerce and industry minister Piyush Goyal and his Australian counterpart Dan Tehan - will sign the **India-Australia Economic Cooperation and Trade Agreement (ECTA)** in a virtual ceremony on April 2, 2022.
- ✓ The agreement covering trade in goods and services, is a balanced and equitable pact that aims to further strengthen the strategic relations between the countries.

➤ **4th India-US 2+2 Ministerial Dialogue**

- ✓ The fourth India-US 2+ 2 Ministerial Dialogue will be held on 11 April 2022.
- ✓ The Indian delegation is being led by **Home Minister Rajnath Singh** and External Affairs **Minister Jaishankar**.
- ✓ The US will be represented by Secretary of State Antony Blinken and Secretary of Defence Llyod Austin.

➤ **India and Finland**

- ✓ India and Finland - have announced the launch of **Indo-Finnish Virtual Network Centre on Quantum Computing** and signed a formal MoU to that effect.
- ✓ The Indian side has identified **three premier institutes** - IIT Madras, IISER Pune and C-DAC Pune for the Virtual Network Centre on Quantum Computing.

➤ **India and Maldives - Transmission Interconnection**

- ✓ Union Minister for Power and New and Renewable Energy R. K. Singh met Aminath Shauna, Minister of Environment, Climate Change and Technology, Maldives on 26 April 2022.
- ✓ Both leaders proposed two MoU - one on **Energy cooperation** and another on transmission interconnection under **One Sun, One World, One Grid**.

➤ **India and European Union**

- ✓ India and European Union - have agreed to set up a **Joint Trade and Technology Council** to deepen their strategic relationship.

- ✓ The agreement on the launch of the council was reached at a meeting between Prime Minister Narendra Modi and the president of the European Commission Ursula von der Leyen recently on April 25.
 - ✓ The agreement assumes importance as the United States is the only other country that has a technical agreement with the EU similar to the one signed with India.
- **India-Germany InterGovernmental Consultations (IGC)**
- ✓ PM Narendra Modi reached Berlin, Germany on the first leg of his official visit to three European nations, on 1 May 2022.
 - ✓ Modi and German Chancellor Olaf Scholz will co-chair the **6th India-Germany InterGovernmental Consultations (IGC)**.
- **Second India-Nordic Summit**
- ✓ Prime Minister Narendra Modi - participated in the Second India-Nordic Summit at **Copenhagen in Denmark**
 - ✓ The Prime Ministers of Denmark, Finland, Iceland, Sweden and Norway took part in the Summit.
 - ✓ The Summit provided an opportunity to review the progress of the India-Nordic relations since the **first India-Nordic Summit**, which was held in **2018 in Stockholm**.
- **Indo-Pacific Economic Framework for Prosperity (IPEF)**
- ✓ **US President Joe Biden** - launched the Indo-Pacific Economic Framework for Prosperity (IPEF) **with India and 12 initial partner countries**.
- **India, Namibia**
- ✓ India and Namibia signed a memorandum of understanding (MoU) on July 20, 2022 on **wildlife conservation** and sustainable utilization of biodiversity,
 - ✓ Under the MoU, the two countries will collaborate to **reintroduce cheetah in the country**. Cheetah was declared extinct in India in 1952. Under the agreement, the **first batch of cheetah** comprising four male and four female cheetahs will arrive from Namibia in India in August.
- **4th India-Bangladesh Annual Defence Dialogue (ADD)**
- ✓ On August 11, India and Bangladesh - agreed to further step up their bilateral defence ties, with greater military-to-military engagements, capacity-building and defence-industrial cooperation.

- ✓ This was decided during the 4th India-Bangladesh annual defence dialogue (ADD) held in **New Delhi**.

- **Japan- IMD Partnership on Climate Change**
- ✓ The India Meteorological Department (IMD) has partnered with Government of **Japan**, and United Nations Development Programme (UNDP) on Climate Change. They have launched an initiative to hasten climate action across 10 states and Union Territories in India.

- **Commemorative Postage Stamp**
- ✓ In an unique move, **Egypt Post** - released a commemorative postage stamp to celebrate **75 years of diplomatic relations between Egypt and India**.

- **India-Bangladesh Joint Rivers Commission (JRC)**
- ✓ India and Bangladesh - have finalised the text of a Memorandum of Understanding on interim sharing of the water of the **Kushiyara river**.

- **India and Egypt**
- ✓ On September 19, India and Egypt - have signed a MoU to enhance **cooperation in the field of defence**.
- ✓ Defence Minister Rajnath Singh held bilateral talks with his Egyptian counterpart General Mohamed Zaki in Cairo.
- ✓ The two leaders have also decided to enhance **joint military exercises, training, co-production and maintenance of defence equipment**.

- **Asian Palm Oil Alliance (APOA)**
- ✓ The apex edible oil industry associations from **five major palm oil importing countries from Asia** - have formed an **Asian Palm Oil Alliance (APOA)**.
- ✓ The APOA alliance is initiated by the apex solvent extractors associations of **India, Pakistan, Sri Lanka, Bangladesh and Nepal**.
- ✓ **India is the largest importer of Palm oil** in the Asian region and accounts for 15% of global imports.

CONFERENCES & SUMMITS

➤ **India-UK Strategic Futures Forum**

- ✓ External Affairs Minister S Jaishankar and visiting British Foreign Secretary Elizabeth Truss - addressed the the **first India-UK Strategic Futures Forum** on March 31, 2022.
- ✓ During the bilateral meeting, India and Britain called for upholding principles of sovereignty, territorial integrity, the UN charter and international law, besides favouring more robust economic, strategic and defence ties.

➤ **East Asia Summit Workshop**

- ✓ **India and Singapore** organised East Asia Summit Workshop.
- ✓ Ministry of Fisheries, Animal Husbandry and Dairying and the Government of Singapore organized a virtual East Asia Summit (EAS) Workshop on Illegal, Unreported, and Unregulated (IUU) Fishing on 12 April 2022.
- ✓ Countries including Australia, Cambodia, China, Indonesia, New Zealand, and Republic of Korea participated.

➤ **Waterways Conclave 2022**

- Inland Waterways Authority of India (IWAI) - has organized "**Waterways Conclave 2022**" on April 11 and 12 in **Dibrugarh, Assam**.
- ✓ In line with the aspirations of PM **Gati Shakti National Masterplan**, Waterways Conclave aims for speedy development of multimodal projects in the North-eastern region to boost the economic activities and augment employment generation.

➤ **Semicon 2022 Conference**

- ✓ Prime Minister Narendra Modi - inaugurated **India's first Semicon 2022 Conference in Bengaluru**.
- ✓ The conference will be organised by the Ministry of Electronics and Information Technology from April 29 till May 1 at **ITC Gardenia, Bengaluru**.
- ✓ The **theme** of the conference - Design and Manufacture in India, for the World: Making India a "**Semiconductor Nation**".

✓ **Global AYUSH Investment and Innovation Summit**

- ✓ Prime Minister Narendra Modi inaugurated the 3-day Global Ayush Investment and Innovation Summit in **Gandhinagar on April 20, 2022**.

- ✓ The summit aims to attract lucrative investments to build India as the Global Ayush Destination in the world.
- ✓ India will soon have a special AYUSH mark that will be applied to the highest quality of AYUSH products.

➤ **AAHAR-2022**

- ✓ The **36th edition of Asia's biggest international food and hospitality fair, AAHAR-2022** - was held at **Pragati Maidan in New Delhi** between April 26 and 30, 2022.
- ✓ The fair was organized by the Agricultural and Processed Food Products Export Development Authority (**APEDA**) in collaboration with the India Trade Promotion Organization (ITPO).

➤ **India, UK adopt 'Roadmap 2030'**

- ✓ PM Modi and his British counterpart Boris Johnson adopted an ambitious 'Roadmap 2030' to elevate bilateral ties to a '**Comprehensive Strategic Partnership**' in a virtual summit held on 4 May 2021.

➤ **Second Global Covid-19 Summit**

- ✓ Prime Minister Narendra Modi will be participating in the second global Covid Summit on 12 May 2022 at the invitation of US President Joe Biden.
- ✓ PM Modi will deliver his remarks on the **theme - Preventing Pandemic Fatigue and Prioritizing Preparedness**.

➤ **Incredible India International Cruise Conference 2022**

- ✓ Union Minister for Ports, Shipping & Waterways, Sarbananda Sonowal - inaugurated the **first 'Incredible India International Cruise Conference 2022' in Mumbai** on May 14, 2022.
- ✓ The conference was organized by the Ministry of Ports, Shipping and Waterways, the Federation of Indian Chambers of Commerce and Industry (FICCI), and the Mumbai Port Authority.

➤ **BRICS Foreign Ministers Meeting**

- ✓ China - will host the BRICS foreign ministers meeting on May 19 via video conferencing.
- ✓ External affairs minister S Jaishankar will take part along with his counterparts from the five-member bloc.
- ✓ The **theme of BRICS 2022 is 'Foster High-Quality BRICS Partnership Usher in a New Era for Global Development'**.

➤ **'Umagine' Technology and Innovation Summit**

- ✓ The inaugural edition of 'Umagine', a three-day technology and innovation summit, would be held between September 21 and 23 this year.
- ✓ **Tamil Nadu** would host the event annually.
- ✓ It would **focus on emerging technologies**, including ClimateTech, Healthtech, Edtech, Agritech, Web 3.0 and Deep Tech, Smart Infrastructure, Smart and Green Manufacturing, Biotech, Platforms and Gig Economy, Creative Industry and Social Entrepreneurship, it added.

➤ **Industrial Decarbonization Summit 2022**

- **Union Minister for Road Transport and Highways, Nitin Gadkari** - inaugurated the "Industrial Decarbonization Summit 2022" - Road map for **carbon neutrality by 2070 in New Delhi**.

➤ **Unmesh**

- ✓ The three-day international **literary festival 'Unmesh'** - was held at the historic **Gaiety Theater in Shimla, Himachal Pradesh**.
- ✓ Minister of State for Culture **Arjun Ram Meghwal** inaugurated the festival on June 16.
- ✓ This festival was **organized for the first time in the country by the Union Ministry of Culture and the Sahitya Akademi** with the support of the state Department of Art and Culture as part of Azadi ka Amrit Mahotsav.
- ✓ The festival, with the title "**Unmesh - a celebration of expression**", was **the biggest international literary festival** in the country so far.

➤ **India-UK Commonwealth Diplomatic Academy Programme**

- India and UK - announced the establishment of a joint India-UK Commonwealth Diplomatic Academy programme.
- ✓ The Academy programme, to be hosted in **New Delhi**, will equip young diplomats from all Commonwealth member-states with expertise and training on global challenges.
- ✓ The **theme of the summit is - Delivering a Common Future: Connecting, Innovating, Transforming**.

➤ **World Economic Forum (WEF)**

- ✓ The five-day annual meeting of the World Economic Forum (WEF) in **Davos, Switzerland** - concluded on May 26, 2022.

➤ **NADI- 3 Asian Confluence River Conclave**

- ✓ External affairs minister S Jaishankar - inaugurated the two-day **NADI- 3 Asian Confluence River Conclave** that started in the **Guwahati, Assam**
- ✓ NADI is an **international river conference** that focuses on the collective vision of cooperation in the **Bay of Bengal** and the **Southeast Asian region**.

➤ **National Women Legislators' Conference-2022**

- ✓ The President of India, Ram Nath Kovind - inaugurated the National Women Legislators' Conference-2022 in **Thiruvananthapuram**
- ✓ The two-day conference was **hosted by the Kerala Legislative Assembly** as part of 'Azadi ka Amrit Mahotsav'.

➤ **75th World Health Assembly**

- ✓ The 75th World Health Assembly - concluded in **Geneva, Switzerland**
 - ✓ This is the first in-person Health Assembly since the COVID-19 pandemic began.
 - ✓ The **theme** of this year's Health Assembly is '**Health for peace, peace for health**'.
- The Health Assembly started its annual meeting on May 22, 2022.

➤ **World Urban Forum**

- ✓ **India's first national coalition platform** for urban nature-based solutions (NbS) - was recently launched at the **11th World Urban Forum in Poland**.
- ✓ It was launched by the National Institute of Urban Affairs' (NIUA) Climate Centre for Cities (NIUA C-Cube), World Resources Institute India (WRI India) and their partners under the Cities4Forests initiative.

➤ **Animal Health Summit 2022**

- ✓ Union Minister of Fisheries, Animal Husbandry and Dairy, Parshottam Rupala - inaugurated the **country's first 'Animal Health Summit 2022'** at NASC Complex, **New Delhi**.
- ✓ The main aim of the summit is to understand the significance of animal health towards the broader objective of the country's food and nutrition security, rural incomes and prosperity and overall economic development.

➤ **World Peace Forum 2022**

- ✓ The 10th edition of World Peace Forum 2022, organised by **Tsinghua University** – concluded on July 5 in **Beijing**.
- ✓ It is being organised under the **theme** “**Preserving International Stability: Commonality, Comprehensiveness and Cooperation**”.

➤ **Natural Farming Conclave**

- ✓ Prime Minister Narendra Modi addressed a Natural Farming Conclave through video conferencing on 10 July 2022.
- ✓ The conclave was **organised at Surat in Gujarat**.
- ✓ It witnessed the participation of thousands of farmers and all other stakeholders who have made adoption of natural farming in Surat, a success story.

➤ **I2U2**

- ✓ On July 14, Prime Minister **Narendra Modi** - joined **US** President Joe Biden, **Israeli** PM Yair Lapid and **UAE** President Mohammed bin Zayed Al Nahyan at the **first ever virtual summit** of the four-nation grouping 'I2U2'.
- ✓ During the summit, the leaders jointly announced initiatives focused on **food security and clean energy**.
- ✓ The I2U2 (India and Israel making up the 2Is and US and UAE making up the 2Us).
- ✓ India will provide “appropriate land” for “**food parks**” across the country that will be built in collaboration with Israel, the United States and the United Arab Emirates.

➤ **Asian Regional Forum Meeting**

- ✓ **Election Commission** will host a virtual Asian Regional Forum meeting on 11 August. This Regional Forum meeting will be held on the **theme of ‘Making our Elections Inclusive, Accessible, and Participative’**.
- ✓ The Global Summit and Regional Forum meetings encourage intellectual and institutional mobilisation to strengthen global electoral democracy.

➤ **Moscow Conference on International Security-2022**

- ✓ The Moscow Conference on International Security-2022 was held from August 15 to August 17, 2022.

- ✓ Defence Minister Rajnath Singh addressed the plenary session conference virtually on August 16.
- ✓ In his address, Defence Minister stressed on bringing comprehensive reform in **structure of United Nations**.
- **India-Thailand Joint Commission Meeting**
- ✓ India-Thailand Joint Commission Meeting held in **Bangkok** on 17 August 2022. External Affairs Minister S Jaishankar attended the meeting.
- ✓ India and Thailand are celebrating **75 years of establishment of diplomatic relations**.
- **Defence Ministerial Conclave**
- ✓ Defence Minister Rajnath Singh - will travel to the Uzbekistan capital, Tashkent, on August 23 on a three-day visit to attend a defence ministerial conclave of the **Shanghai Cooperation Organisation (SCO)**.
- ✓ Chinese defence minister General Wei Fenghe and Russian defence minister Sergei Shoigu are also expected to attend the SCO meet.
- ✓ He is scheduled to deliver his address at the SCO meeting on August 24.
- **India Clean Air Summit' (ICAS)**
- ✓ The fourth edition of the 'India Clean Air Summit' (ICAS) began on 23 August 2022 in **Bengaluru**.
- ✓ It has been organised by Centre for Air Pollution Studies and the Centre for Study of Science, Technology and Policy.
Theme: "The Right to Life: Citizens at the Centre of Science".
- **India-Brazil Joint Commission Meeting**
- ✓ External Affairs Minister Dr. S. Jaishankar cochaired the **8th India-Brazil Joint Commission Meeting** with his Brazilian counterpart Carlos França in **Brasilia** on 24 August 2022.
- ✓ The comprehensive discussions covered trade and investments, petroleum, biofuels, edible oils and minerals, health, pharma, etc.
- **National Security Strategies Conference 2022**
- ✓ Home Minister Amit Shah recently inaugurated and addressed the "National Security Strategies Conference 2022.
- ✓ Discussions on different subjects of national security including counter-terrorism, radicalization, counter rogue drone technology, issues related to crypto currencies, challenges of Maoist outfits.
- **Inflatable Aerodynamic Decelerator (IAD)**

- ✓ On September 3, the **Indian Space Research Organisation (ISRO)** - demonstrated a new technology with **Inflatable Aerodynamic Decelerator (IAD)**.
- ✓ The IAD was successfully test flown in a **Rohini sounding rocket from TERLS, Thumba**.
- ✓ It was designed and **developed by ISRO's Vikram Sarabhai Space Centre (VSSC)**
- ✓ The new technology is considered as a game changer with multiple applications for future missions.

➤ **Eastern Economic Forum (EEF)**

- ✓ On September 7, PM Narendra Modi - participated virtually in the plenary session of the **7th edition of Eastern Economic Forum (EEF) being held in Vladivostok**.
- ✓ The Forum, **established in 2015**, seeks to promote development in the remote Russian Far East.
- ✓ During his address, PM Modi said that India is keen to strengthen its partnership with Russia on Arctic issues and highlighted the **"immense potential" for cooperation in the field of energy**.
The forum, held from September 5 to 8, was **themed "On the Path to a Multipolar World"**.

➤ **Second India-Japan 2+2**

- ✓ The defence cooperation between the nations was one of the highlight areas of the summit.
- ✓ **India welcomed Japan in the MILAN multilateral exercise**, while expressing commitment to continue bilateral and multilateral military exercises including Dharma Guardian and Malabar.
- ✓ The summit focused on expanding the ongoing cooperation in defence equipment and technology, especially for **Unmanned Ground Vehicle (UGV) and Robotics**.

➤ **World Dairy Summit 2022**

Prime Minister Narendra Modi inaugurated the International Dairy Federation's World Dairy Summit (IDF WDS) 2022 at the **India Expo Center and Mart in Greater Noida**.

➤ **22nd Shanghai Cooperation Organisation (SCO) Summit**

- ✓ Prime Minister Narendra Modi - arrived in **Samarkand, Uzbekistan** on September 15 to participate in the **22nd Shanghai Cooperation Organisation (SCO) summit**.
- ✓ During the summit, PM Modi will exchange views on topical, regional and international issues, the expansion of the SCO and further **deepening cooperation within the grouping**.
- ✓ **Launched in Shanghai in June 2001**, the SCO has **eight full members**, including its **six founding members**, China, Kazakhstan, Kyrgyzstan, Russia, Tajikistan and Uzbekistan.
- ✓ India and Pakistan joined as full members in 2017.

➤ **International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA)**

- ✓ Agriculture minister Narendra Singh Tomar - inaugurated the **9th session of the governing body of the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) in New Delhi** on September 19.
- ✓ Eminent scientists, resource persons and representatives of several countries are participating in this six-day event
- ✓ The purpose of the treaty is **to recognize the farmers and local community in the diversity of crops**.

➤ **World Water Congress and Exhibition 2022**

- ✓ India - has launched a **joint whitepaper with Denmark on 'Urban Wastewater Scenario in India'** at World Water Congress and Exhibition 2022 in **Copenhagen**.
- ✓ It is a result of the **Indo-Danish Bilateral Green Strategic Partnership**, which is focused on **green hydrogen, renewable energy, and wastewater management**.
- ✓ The 2022 edition of International Water Association's World Water Congress and Exhibition was based on the **theme 'Water for Smart Liveable Cities'**.

➤ **ANGAN 2022**

- ✓ A three-day international conference ANGAN 2022 - concluded recently on September 16, 2022.
- ✓ This is the **second edition of the conference** held under the theme **"Making the Zero-Carbon Transition in Buildings"**.

- ✓ **ANGAN** refers to ‘**Augmenting Nature by Green Affordable New-habitat**’.

ANGAN 2.0 is being organised by the **Bureau of Energy Efficiency (BEE), Ministry of Power** under the Indo-Swiss Building Energy Efficiency Project (BEEP).

➤ **KRITAGYA 3.0**

- ✓ The **Indian Council of Agricultural Research** - has organized a National level Hackathon ‘**KRITAGYA 3.0**’ recently to **promote 'Accelerated Breeding for Crop Improvement'**.

- ✓ The hackathon was organized in collaboration with the Division of Crop Science

In the name ‘**KRITAGYA**’, **KRI** stands for **Krishi**, meaning agriculture, while **TA** stands for **Taknik**, indicating technology and **GYA** for **Gyan**, meaning knowledge.

Summit	Location	Key Points
World Health Summit for Pride of Homoeopathy of UAE	UAE	Theme of the summit : “Diseases caused by climate change and global warming”
Shanghai Cooperation Organisation (SCO) summit 2022	Samarkand, Uzbekistan	Iran has been recognized as a permanent member of the Shanghai Cooperation Organization (SCO). Now SCO has 9 member countries.
49th G-7 summit	Japan	The 2023 and 2024 G-7 summits will be held in Japan and Italy respectively.
Tiger Range Countries Summit 2022	Vladivostok, Russia	The aim of the meeting is to finalize the declaration on tiger conservation adopted at the summit.
Global AI Summit 2022	Saudi Arabia	Theme of Global AI Summit 2022 is “Artificial Intelligence for the Good of Humanity”

India's Clean Air Summit (ICAS) 2022	Bengaluru, Karnataka	Theme of the ICAS 2022 is 'Looking at Air Pollution through the Climate Lens'
2022 NATO Summit	Spain	The 2023 NATO summit will be held in Lithuania
First India Animal Health Summit 2022	New Delhi	Understanding the significance of animal health to the broader goals of food and nutrition security of the country.
World Cities Summit	Singapore	The theme of WCS 2022 is "Liveable and Sustainable Cities: Emerging Stronger".
World of Work summit	Geneva	The World of Work summit was organised by International Labour Organization. (Headquarters- Geneva, Switzerland)
Industrial Decarbonization Summit 2022	New Delhi, India	Focused on the roadmap for carbon neutrality by 2070/td>
I2U2 summit	Virtual	I2U2 initiative is a new grouping of India, Israel, USA and UAE.
India-Nordic summit	Denmark	Enhancing India's multifaceted cooperation with the Nordic region in emerging technologies, investment, clean energy, Arctic research and more
Global COVID Summit (GCS)	USA	Theme of GCS is Preventing Pandemic Fatigue and Prioritizing Preparedness
QUAD summit 2022	Tokyo, Japan	The Quad or Quadripartite Security Dialogue is a grouping of four countries, India, Japan,

		the United States and Australia.
MSMEs' Competitiveness and Growth summit	New Delhi, India	Focus Topic: Opportunities and challenges in the MSME sector amidst the continuing COVID-19 pandemic
Global Investment and Innovation Summit	Ayush & Gandhinagar, Gujarat	It will promote AYUSH education, research, innovation, entrepreneurship, and global awareness of long-term health in all AYUSH systems.
DST - CII Technology Summit	India (virtually)	Partner country for the Technology Summit 2022: Singapore
5th BIMSTEC summit	Sri Lanka	Headquarters of BIMSTEC- Dhaka, Bangladesh
Gulf Business Summit	J&K, India	33 companies from Hong Kong, UAE and Saudi Arabia participated in the conference
African Union Summit 2022	Ethiopia	Focus : Actions needed to end extreme poverty and address the consequences of the ongoing global crisis.
One Ocean Summit	Brest, France	Objectives: Raise the collective level of ambition of the international community on maritime issues
World Sustainable Development Summit 2022	New Delhi, India	The theme of the Summit's discussions will focus on: mainstreaming sustainable development and climate resilience for collective action.
G-20 Summit 2023	New Delhi, India	Brazil and South Africa will host the G-20 summits in 2024 and

		2025 respectively.
World Economic Forum's Davos Agenda Summit	Virtually	Theme of the event: "The State of the World."
India-Central Asia summit	India	This is the first meeting between India and Central Asian countries to strengthen diplomatic ties.



COMMITTEES

➤ **Kirit Parikh Committee**

- ✓ The Central Government has recently constituted a committee under the chairmanship of **Kirit Parikh to control and reduce the continuous increase in LPG gas prices.**
- ✓ This committee **will decide the formula for better pricing for domestic gas production.**
- ✓ This committee will also review the formula for **fixing the price of gas produced by companies like ONGC and Reliance.**
- ✓ A representative each from private companies involved in city gas distribution, public gas company has been included.



DEFENCE

➤ 'Varuna' Naval Exercise

- ✓ The 20th edition of the bilateral naval exercise that is named 'Varuna' is being conducted by **India and France in the Arabian Sea** from 30th March till 3rd April 2022.
- ✓ The Bilateral Naval Exercises between the two Navies is being held since 1993 and the exercise was christened as 'VARUNA' in 2001.

➤ Seema Darshan Project

- ✓ Union Home and Cooperative Minister, Amit Shah has inaugurated the Seema Darshan Project at **Nadabet on the Indo-Pak border in Banaskantha District of Gujarat.**
- ✓ The project was launched with the aim to provide an opportunity for the citizen to observe the life and work of the **BSF personnel** on our border.

➤ HELINA (Helicopter-based NAG)

- ✓ On April 12, India - carried out yet another successful test of the indigenously developed helicopter launched **Anti-Tank Guided Missile 'HELINA'** (Helicopter-based NAG) in high altitude conditions in **Ladakh.**
- ✓ The flight test was jointly conducted by teams of scientists from the Defence Research and Development Organisation (**DRDO**), **the Indian Army, and the Indian Air Force (IAF).**

➤ Lt General Manoj Pande

- ✓ Lt General Manoj Pande - will take over as the **next Army chief** from General M M Naravane.

➤ NATPOLREX-VIII

- ✓ The Indian Coast Guard (ICG) kicked off the 8th edition of the two-day **National Level Pollution Response Exercise, 'NATPOLREX-VIII'**, on April 19, 2022, off Mormugao harbour, Goa. The marine spill preparedness exercise was inaugurated by the Defence Secretary.

➤ INS Vagsheer Submarine Launched

- ✓ **INS Vagsheer, the sixth Scorpene Submarine of Project-75** was launched in Mumbai on April 20, 2022.

- ✓ **INS Vagsheer is the last of the Scorpene Class Submarines of Project-75.**

- **DefConnect 2.0**
- ✓ Defence Minister Rajnath Singh on April 22, 2022, will inaugurate DefConnect 2.0 organized by the **Innovations for Defence Excellence, Defence Innovation Organisation (iDEX-DIO)**.
- ✓ The event in **Delhi** will attract a large number of innovators and investors from **India's leading industries in the defence sector.**

- **Scheme for Innovations for Defence Excellence (iDEX)**
- ✓ Defence Minister Rajnath Singh launched Innovations for Defence Excellence (iDEX) Prime and the sixth Defence India Start-up Challenge (DISC-6) meant to encourage **defence start-ups during DefConnect 2.0.**
- ✓ The iDEX-Prime aims to support projects, requiring support beyond 1.5 crore up to 10 crore, to help the ever-growing start-ups in the sector.

- **INS Surat and INS Udaygiri Launched**
- ✓ **Indian Navy Destroyer INS Surat and INS Frigate Udaygiri** were launched by Union Defence Minister Rajnath Singh on May 17, 2022.
- ✓ While **INS Surat is the fourth and last stealth destroyer** under the 'Project 15B' programme, **INS Udaygiri** is an Indian Naval frigate of 'Project 17A' programme.

- **CORPAT**
- ✓ The fourth edition of the **Indian Navy-Bangladesh Navy Coordinated Patrol (CORPAT) commenced.**
- ✓ The patrolling drill commenced in the **northern Bay of Bengal** and would continue between May 22 and 23.

- **Captain Abhilasha Barak**
- ✓ Captain Abhilasha Barak from Rohtak in Haryana - became the **first woman combat aviator of the Indian Army.**

- **Bongosagar**
- ✓ The third edition of Indian Navy (IN) - Bangladesh Navy (BN) Bilateral Exercise 'Bongosagar' - **commenced at Port Mongla, Bangladesh** on May 24, 2022.

- **IAF Father-Daughter team of Fighter Pilots makes History**
- ✓ Fighter pilots Air Commodore **Sanjay Sharma** and Flying Officer **Ananya** of the Indian Air Force (IAF) - have scripted history in the country's military aviation by becoming the **first father-daughter pair to fly in a formation of jets.**

- **Agni-IV Ballistic Missile**
- ✓ On May 6, India - conducted a test of the **nuclear capable Agni-IV ballistic missile**, which has a strike **range of 4,000km**, as part of a **"night user trial in operational configuration"** by the strategic forces command (SFC).
- ✓ The two-stage Agni-IV **surface-to-surface missile** was flight-tested for its **"entire range"** from the Dr APJ Abdul Kalam Island, earlier known as **Wheeler Island**, off the Odisha coast,

- **SAMPRITI-X**
- ✓ Military exercise 'SAMPRITI-X' between **India and Bangladesh** is being conducted at Jashore Military Station in Bangladesh from 05 June to 16 June 2022.
- ✓ 'SAMPRITI-X' is a bilateral defence cooperation exercise to strengthen and widen the aspects of interoperability and cooperation.

- **IND-INDO CORPAT**
- ✓ The 38th India-Indonesia Coordinated Patrol (IND-INDO CORPAT) between the Indian Navy Units of Andaman & Nicobar Command (**ANC**) and **Indonesian Navy** is being conducted from June 13 to 24 2022 in the Andaman Sea and Straits of Malacca.

- **Prithvi-II**
- ✓ India - successfully carried out the night launch of **Prithvi-II short range ballistic missile** from an integrated test range in Chandipur, Odisha. Prithvi-II, a surface-to-surface missile with a strike **range of 350 km**, is capable of carrying 500-1,000 kilogram of warheads and is powered by liquid propulsion twin engines.

- **Ex Khaan Quest 2022**
- ✓ Indian Army - is participating in a **multinational peacekeeping exercise "Ex Khaan Quest 2022"** being held in **Mongolia.**
- ✓ The exercise features participation of military contingents from 16 countries, including India.

The 14-day exercise, which commenced on June 6, is aimed at enhancing interoperability, building military to military relationships, developing peace support operations and military readiness among participating nations.

➤ **ABHYAS**

- ✓ The Defence Research and Development Organisation (DRDO) - has successfully tested the **indigenous 'ABHYAS' - a High-speed Expendable Aerial Target (HEAT)** in Odisha on June 29, 2022.
- ✓ The test took place at the Integrated Test Range (ITR), Chandipur off the coast of Bay of Bengal in Odisha.

➤ **Dunagiri**

- ✓ Union Defence Minister Rajnath Singh - launched the second P17A stealth frigate '**Dunagiri**' into the **Hooghly river** in Kolkata.
- ✓ During the launch, the Defence Minister said that '**Dunagiri**' would be a **world-class stealth** frigate with multidimensional capabilities to **destroy enemies from sea, sky, and underwater.**

➤ **INS Sindhudhvaj**

- ✓ **INS Sindhudhvaj** - was decommissioned at **Visakhapatnam** after serving the country for 35 years on July 16, 2022.
- ✓ The Sindhudhvaj submarine had many firsts during its service, including operationalisation of the **indigenised sonar USHUS**, Indigenised Satellite Communication systems Rukmani and MSS, Inertial Navigation System and Indigenised Torpedo Fire Control System.

INS Sindhudhvaj was a **Kilo-class submarine acquired from Russia in 1987.**

➤ **INS Vikrant**

India's first indigenous aircraft carrier (IAC), INS Vikrant - has been delivered to the Indian Navy by the Cochin Shipyard on July 28.

- ✓ The 45,000-tonne warship INS Vikrant, built at a cost of almost Rs.20,000 crore, is likely to be commissioned on **August 15.**
- ✓ India currently operates a solitary aircraft carrier, **INS Vikramaditya**, bought **second-hand from Russia for \$2.33 billion.**

➤ **Gun Hill**

- ✓ A mountain peak, **Point 5140, at Dras in Kargil** - has been renamed 'Gun Hill' to mark the victory and sacrifices of the Indian Armed Forces during **Operation Vijay**.
- ✓ The move seeks to honour the crucial role played by the Regiment of Artillery in the victory of the Indian armed forces during the **1999 conflict with Pakistan**.
- ✓ The ceremony was conducted in the presence of veterans from all Artillery Regiments, which got the honour title '**Kargil**' in **Operation Vijay**.

➤ **Ex VINBAX 2022**

- ✓ The 3rd edition of **Vietnam-India Bilateral Army Exercise "Ex VINBAX 2022"** is conducted at **Chandimandir, Haryana** from August 1 to 20, 2022.
- ✓ The theme of Ex VINBAX 2022 is the "Employment and deployment of an Engineer Company and a Medical Team as part of United Nations Contingent for Peace Keeping Operations". The exercise will further strengthen the bilateral relations between India and Vietnam.

➤ **AL NAJAH-IV**

- ✓ The 4th Edition of **India-Oman Joint Military Exercise 'AL NAJAH-IV'** begins in **Rajasthan** at the Foreign Training Node of Mahajan Field Firing Ranges.
- ✓ The exercise takes place between contingents of the Indian Army and the Royal Army of Oman from August 01 to 13, 2022. The 3rd edition of Ex AL NAJAH IV was held at Muscat from 12 to 25 March 2019.

➤ **Pitch Black**

- ✓ India - will dispatch four **Sukhoi-30MKI fighter jets**, a C-17 Globemaster-III strategic airlifter and an IL-78 mid-air refuelling aircraft for the major '**Pitch Black**' air combat exercise.
- ✓ The exercise to be **hosted by Australia** this month will feature around 100 aircraft and 2,500 military personnel from 17 nations.
- ✓ Apart from Australia and **India**, **this year's Pitch Black** exercise will see the US, UK, Canada, France, Germany, Indonesia, Japan, Malaysia, Netherlands, New Zealand, the Philippines, Republic of Korea, Singapore, Thailand and the UAE.

➤ **Navy's Women Pilots Chart a New Course**

- ✓ This **first-of-its-kind independent maritime mission** showcased **Nari Shakti**.
- ✓ Five officers of the Indian Navy created history by completing the **first all-woman independent maritime reconnaissance and surveillance mission** in the **Arabian Sea**, onboard a **Dornier-228 aircraft**.
- ✓ "The women officers received months of ground training and comprehensive mission briefings in the run-up to this historic sortie," the Navy said. The aircraft was **captained by the Mission Commander, Lt. Cdr. Aanchal Sharma**, with pilots Lt. Shivangi and Lt. Apurva Gite, and Tactical and Sensor Officers Lt. Pooja Panda and Sub Lt. Pooja Shekhawat.

➤ **Skylight**

- ✓ The Army - has conducted a **major pan-India exercise** codenamed 'Skylight' recently.
- ✓ The exercise was launched **to test the operational readiness and robustness of its hi-tech satellite communication systems** in the event of an attack by an adversary.
The Army activated all its satellite communication assets from Ladakh to Andaman and Nicobar Islands during the Skylight exercise from July 25 to 29.

➤ **Vajra Prahar**

- ✓ On August 8, **India and the US - kicked off the 'Vajra Prahar' combat exercise between their elite Special Forces in Himachal Pradesh**.
- ✓ The exercise is being held at the **Special Forces Training School in Bakloh** from August 8 to 28. This is the **13th edition** of the Vajra Prahar exercise.

➤ **'Him Drone-a-thon' Programme**

- ✓ The Indian Army has launched the **Him Drone-a-thon programme** in collaboration with the **Drone Federation of India**. The initiative is in line with **self-reliance in defence manufacturing**.
- ✓ It is aimed at providing opportunities to the Indian drone ecosystem to develop path-breaking drone capabilities for meeting the requirements of frontline troops.

➤ **First Repair of a US Navy Ship**

- ✓ **US Navy Ship** arrived to **Katupalli Shipyard** of **L&T** at **Ennore, Chennai** to undertake repairs and maintenance.
- ✓ This adds a new strategic dimension to **India-US military partnership**.
- ✓ A **US Navy Ship** is being repaired for the first time in an Indian shipyard.

India had proposed during **India-US 2+2 dialogue** in April 2022 for **US Navy** to avail services and expertise of **Indian Shipyards**.

➤ **Udarashakti**

On August 12, **Indian Air Force** - left for **Malaysia** to participate in a bilateral air combat exercise named '**Udarashakti**' to be held at **Kuantan** airbase.

- ✓ This is the **first bilateral exercise being conducted between Indian Air Force and Royal Malaysian Air Force RMAF**.
- ✓ **Indian Air Force** is participating in the air exercise with four **Sukhoi-30MKI** fighter jets, a **C-17 Globemaster-III** strategic-lift aircraft and an **IL-78** mid-air refueller while the **RMAF** will be flying **Russian-origin Sukhoi-30MKM** aircraft.

➤ **F-INSAS**

- ✓ **Defence Minister of India, Rajnath Singh** handed over to the **Indian Army** the much-awaited **Future Infantry Soldier as a System (F-INSAS)** at the unveiling ceremony of various defence and strategic systems held in **Delhi**.
- ✓ The full gear of the **F-INSAS** includes an **AK-203 assault rifle**, which is a **Russian-origin gas-operated, magazine-fed, select-fire assault rifle**.

➤ **VL-SRSAM Missile**

- ✓ **Defence Research and Development Organisation (DRDO)** and **Indian Navy** successfully flight-tested the **indigenously designed and developed Vertical Launch Short Range Surface-to-Air Missile (VL-SRSAM)** from the **Integrated Test Range (ITR)** in **Chandipur** off the coast of **Odisha**.
- ✓ The flight test was carried out from a naval ship against a high-speed unmanned aerial target for demonstration of vertical launch capability.

➤ **Project Zorawar**

- ✓ The Indian Army - has launched the **induction of indigenous light tanks** for quicker deployment and movement in **high altitude areas under 'Project Zorawar'**.
- ✓ These tanks will be used to counter Chinese deployment of a large number of similar armoured tanks along the **Line of Actual Control (LAC)**.
- ✓ The project has been named 'Zorawar' after the legendary Zorawar Singh Kahluria – a military general who served under Jammu's Dogra king Raja Gulab Singh – known as the '**Conquerer of Ladakh**'.

➤ **SAREX-2022**

- ✓ The **10th National Maritime Search & Rescue Exercise (SAREX-2022)** - was inaugurated by **defence secretary Ajay Kumar** on August 27.
- ✓ The two-day exercise which is conducted under the banner of National Maritime Search and Rescue Board is hosted by the **Indian Coast Guard**.
- ✓ The exercise is being attended by 24 observers from 16 friendly foreign countries.
The **theme** of this edition of biennial exercise is "**Capacity Building Towards Marine Passenger Safety**".

➤ **INS Vikrant**

- ✓ PM Modi commissioned the **first indigenous aircraft carrier INS Vikrant** on 2 September 2022 at **Cochin Shipyard Limited in Kochi**.
- ✓ He also unveiled the new **Naval Ensign (Nishaan)**.
- ✓ The **nation's largest warship**, weighing **45,000 tonnes**, has finished a year of sea trials. The warship's construction cost **Rs 20,000 crore**.
- ✓ Following the construction of INS Vikramaditya, this is the **country's second aircraft carrier**.

➤ **Exercise Vostok - 2022**

- ✓ Exercise Vostok - 2022 began at the training ground in the **Eastern Military District of Russia**. The multilateral strategic and command exercise will run from September 01 to September 07, 2022.
- ✓ The exercise will involve over 50,000 troops from China, India, and several other countries. The Indian Army contingent consists of soldiers from the 7/8 Gorkha Rifles.

➤ **Drone-based Tear Smoke Launcher**

- ✓ In a first, the **Border Security Force (BSF)** has developed a drone-based tear smoke launcher to control riots and other crowd control situations.

➤ **The Indian Navy - New Ensign**

- ✓ The Indian Navy - **has got a new ensign inspired by the octagonal royal seal of Maratha ruler Chhatrapati Shivaji.**
- ✓ The former ensign featured a St Georges Cross with the Tricolour in the canton, a remnant of the pre-Independence colonial era.
- ✓ The new white ensign has two constituents - the national flag in the upper left canton, and a navy blue-gold octagon at the centre of the fly side.
- ✓ The octagon has twin golden octagonal borders encompassing the golden national emblem with **'Satyamev Jayate' in blue Devanagari script** resting atop an anchor and superimposed on a shield.
- ✓ Below the shield, within the octagon, is a gold border ribbon and a navy-blue background with the Navy's motto **'Sam No Varunah' inscribed in golden Devanagari script.**

➤ **LCA Tejas Mark 2 Multirole Fighter Jet**

- ✓ The Prime Minister Narendra Modi-led Cabinet Committee on Security (CCS) - has recently approved the project to develop LCA Tejas Mark 2 multirole fighter jet, a more capable and powerful version of the **indigenous aircraft.**
- ✓ While the Tejas Mark-1 is a lightweight aircraft, the Tejas Mark-2 will be a medium-weight aircraft and has been designed to be used for offensive operations in enemy territories.

➤ **Quick Reaction Surface to Air Missile (QRSAM)**

- ✓ **Defence Research and Development Organisation (DRDO)** and Indian Army have successfully completed six flight-tests of Quick Reaction Surface to Air Missile (QRSAM) system from **Integrated Test Range (ITR) Chandipur off the Odisha coast.**
- ✓ The flight tests were conducted as part of evaluation trials by the Indian Army.

➤ **Taragiri**

- ✓ **Taragiri', the third stealth frigate of the Indian Navy's Project 17A, was launched in Mumbai, the Mazagon Dock Shipbuilders (MDL) said.**

✓ This ship has been built using an **integrated construction methodology** which involves hull block construction in different geographical locations and integration and erection on the slipway at the MDL.

➤ **Parvat Prahar**

✓ Indian Army - is conducting a **20-day long exercise 'Parvat Prahar' in the Ladakh sector at an altitude of 14,000 feet.**

✓ **Army Chief General Manoj Pande** recently visited the Ladakh sector to review the exercise.

✓ The exercise saw the deployment of an all new major induction of the Army.

Parvat Prahar is being conducted by the **One Strike Corps of the Indian Army.**

➤ **JIMEX**

✓ India and Japan - are now conducting the bilateral '**JIMEX' naval combat exercise in the Bay of Bengal.**

✓ In the meantime, an Indian warship and maritime patrol aircraft have also reached **Australia to take part in the multi-nation 'Kakadu' wargames .**

✓ The two exercises are the examples of **India's improved defence ties with the other 'Quad' countries** Japan and Australia in a big way.

➤ **Exercise Kakadu 2022 (KA22)**

✓ The Exercise Kakadu 2022 (KA22) is a **multinational exercise hosted by the Australian Navy in Darwin** - the capital of Australia's Northern Territory.

✓ It will be held from September 12 to 24 this year by the Royal Australian Navy with the support from the Royal Australian Air Force.

✓ This two-week long biennial maritime exercise brings together around 3,000 personnel, 15 warships and more than 30 aircraft from 22 countries.

✓ The Indian Navy is being represented by INS Satpura and P8 I Maritime Patrol Aircraft.

✓ The **theme of this international exercise is 'partnership, leadership and friendship'.**

➤ **Abhyas-01/22**

✓ An Indo-US coast guard joint exercise called Abhyas-01/22 - was conducted off Chennai coast on September 19.

- ✓ The exercise involved various fleet manoeuvres, search and rescue, anti-piracy operation and coordinated joint boarding of vessels at sea.
- ✓ United States Coast Guard cutter Midgett, which is on a four-day visit, took part in the exercise.

➤ **'Nistar' and 'Nipun'**

- ✓ Indian Navy launched two **Diving Support Vessels 'Nistar' and 'Nipun' in Visakhapatnam.**

Diving Support Vessels (DSVs) have been designed indigenously and built at Hindustan Shipyard Ltd, Vishakapatnam for the Indian Navy. These are **first-of-its-kind ships developed in India.**

List of Important Military Exercises

Defence Exercise	Conducted by/Countries	Location
Vostok 2022	India and Russia	Russia's Eastern Military District
Gagan Strike	Indian Army and Indian Air Force	Punjab
JIMEX 2022	India and Japan	Bay of Bengal
Joint Maritime Exercise (Nigeria's first joint operation deployment)	India and Nigeria	Gulf of Guinea
Abhyas-01/22	Coast Gurd of India & United States	Coast of Chennai, Tamil Nadu
Parvat Prahar	Conducted by the One Strike Corps of the Indian Army'	Ladakh
Vajra Prahar 2022	India and USA	Himachal Pradesh's Bakloh
VINBAX-2022	Vietnam and India	Chandimandir, Haryana

Pitch Black 2022	India and Australia	Australia's Darwin
Yudh Abhyas 2022	India and the USA	Uttarakhand's Auli
Rim of the Pacific 2022 (RIMPAC 2022)	26 nations including India	Joint Base Pearl HarborHickam (JBPHH), a United States military base on the island of Oahu, Hawaii
Maritime Partnership Exercise (MPX)	Japan and India	Andaman Sea
IND-INDO CORPAT (38th India-Indonesia coordinated patrol exercise)	India and Indonesia	Andaman Sea and Malacca Strait
Khaan Quest 2022 multinational exercise	Mongolia and India	Hosted by Mongolia, Inaugurated by President of Mongolia, Ukhnaagiin Khurelsukh
Sampriti-X	India and Bangladesh	Jashore Military Station in Bangladesh
North Atlantic Treaty Organisation (NATO) Exercise • Defender Europe 2022 (DE22) • Swift Response 2022 (SR22)	Poland and 8 other countries Exercise Swift Response is an annual U.S. Army Europe and Africa multinational training exercise	Eastern Europe, the Arctic High North, Baltics, and Balkans
Naval Exercise Bongosagar 2022	India and Bangladesh	Port Mongla, Bangladesh

Coordinated Patrol (CORPAT)	India and Bangladesh	Northern Bay of Bengal, Indian Navy-Bangladesh Navy (IN-BN)
Indian Ocean Naval Symposium (IONS maritime Exercise IMEX-22)	Navies of Bangladesh, France, India and Iran	Goa (Arabian sea)
Joint Training Exercise LAMITIYE-2022	India and Seychelles	Seychelles Defense Academy
Naval Exercise VARUNA 2022	India & France	Arabian Sea
Joint Special Forces Exercise 'Khanjar 2022	India and Kyrgyzstan	Special Forces Training School, Bakloh, Himachal Pradesh
Integrated Fire Power exercise KRIPAN SHAKTI	Conducted by The Indian Army's Trishakti Corps	Teesta Field Firing Ranges (TFFR), near Siliguri, West Bengal
Dharma Guardian 2022	India and Japan	Foreign Training Node, Belagavi (Belgaum, Karnataka)
Multilateral Military exercise Cold Response 2022	Conducted by North Atlantic Treaty Organisation (NATO)	Norway
offshore security exercise 'Prasthan'	Conducted by Western Naval Command of India	Offshore Development Area of ONGC, Mumbai
Bilateral Maritime Exercise SLINEX-21	Sri Lanka and India	Visakhapatnam, Andhra Pradesh

Suraksha Kavach 2	Conducted by Indian Army's "Agnibaaz Division" with Maharashtra Police	Lullanagar, Pune
Joint training Exercise Dustlik (ExDustlik)-2022	India and Uzbekistan	Yangiariq, Uzbekistan
Air exercise Eastern Bridge-VI	Indian and Oman	Jodhpur, Air Force Station in Rajasthan
Sainya Ranakshetram -2021	Indian Army	Indore
biennial multilateral naval exercise MILAN 2022	Hosted by the Eastern Naval Command. Theme - 'Camaraderie - Cohesion - Collaboration'	Visakhapatnam, Andhra Pradesh & Indian Navy
MILAN 2022	multilateral naval exercise by Indian Navy	Indian Ocean region
Anti-Submarine Warfare (ASW) Exercise Sea Dragon-22	<ul style="list-style-type: none"> • Conducted by - USA • Participating Countries - US, Australia, Canada, India, Japan and South Korea 	Andersen Air Force Base, Guam Island
Paschim Lehar 2022 aka XPL-22	Conducted by Indian Navy	Arabian Sea

ECONOMY

➤ **Gross Tax Receipts**

The country's gross tax receipts - reached a **record high of Rs 27.1 lakh crore for 2021-22.**

- ✓ This was due to massive revenues from income, corporate taxes, customs and GST following a strong economic recovery and more tax-compliance.
- ✓ The higher collection also led to the **highest tax-to-GDP ratio in 23 years at 11.7%.**
- ✓ Against the Union Budget estimates of Rs 22.2 lakh crore, the revenue receipts according to the pre-actual figures totalled Rs 27.1 lakh crore
- ✓ This shows a **growth of 34% over last year's revenue collection of Rs 20.3 lakh crore.**

➤ **Egypt Accredited India as Wheat Supplier**

- ✓ Egypt is one of the **biggest importers of wheat in the world.** Currently, it imports the majority of wheat from Russia and Ukraine. Approval for India as a wheat supplier has created a new window of opportunity.
- ✓ **APEDA** is trying to boost wheat exports to countries like Yemen, Afghanistan and Indonesia.

➤ **Asset Monetization**

- ✓ Government collected **Rs 96,000 crore** through **asset monetization.**
- ✓ During **FY 2022**, the Government has **surpassed its target of Rs 88,000 crore** by collecting 96,000 crores through asset monetization.
- ✓ The list of assets to be monetized this year is being **prepared by the NITI Aayog** along with different ministries.

➤ **International Monetary Fund (IMF)**

- ✓ India's economy - is estimated to grow by **8.2% in the current fiscal year (2022-23)**, as per the latest forecast of **International Monetary Fund (IMF).**
- ✓ Earlier, the agency has predicted a growth of 9% and the sharp drop in growth is attributed to the impact of Russia's invasion of Ukraine.
- ✓ In its latest **World Economic Outlook (WEO) report**, the IMF forecast India's economy to grow by **6.9% in 2023-24.**

➤ **GST- APRIL**

- ✓ The monthly collection under the Goods and Services Tax (GST) - has peaked to an **all-time high of Rs 1.67 lakh crore** in April 2022.
- ✓ The gross GST collection has crossed the Rs 1.5 lakh **crore-mark for the first** time in April 2022 and Rs 1 lakh crore-mark for the tenth month in a row.
- ✓ The growth in revenue collections in April, based on transactions in March, is the fastest pace of expansion since November 2021.

➤ **Repo Rate**

- ✓ On May 4, the Reserve Bank of India (RBI) - raised its key lending rate or repo rate by 40 basis points to **4.40% with immediate effect**.
- ✓ This was also the **first instance of the Monetary Policy Committee (MPC) making an unscheduled increase in the repo rate**.
- ✓ The central bank also hiked the cash reserve ratio (CRR) by 50 basis points.

➤ **FDI Inflow 'highest ever' at \$83.57 billion**

- ✓ The foreign direct investment (FDI) in the financial year 2021-22 has touched a "**highest-ever**" figure of \$83.57 billion.
- ✓ The Ministry of Commerce and Industry said this was "**endorsement**" of India's status among global investors.

➤ **GDP likely grew only 3.5% in Q4: ICRA**

- ✓ India's GDP growth may have slowed to 3.5% in the fourth quarter of 2021-22, from 5.4% in the October to December 2021 quarter, **rating agency ICRA** has projected.
- ✓ The economy's **Gross Value Added (GVA)** is expected to rise even slower at 2.7% between January and March 2022, compared with 4.7% in the previous quarter.

➤ **FDI flow into T.N. rises 30.1% in 2021-22**

- ✓ Tamil Nadu ended the 2021-22 fiscal with **foreign direct investment (FDI)** of **22,396 crore**, up by 30.1% from the 17,208 crore it received in 2020-21.
- ✓ In dollar terms, the **FDI increased to about \$3 billion in 2021-22** from about \$2.3 billion in 2020-21, according to data from the **Department for Promotion of Industry and Internal Trade** under the Union Ministry of Commerce and Industry.

➤ **Fiscal Deficit Improved to 6.7% in FY22**

- ✓ Fiscal deficit **improved to 6.71% of the FY22 GDP** over the revised budget estimate of 6.9% mainly on account of **higher tax realisation**.
- ✓ Unveiling the revenue-expenditure data of the Union government, the Controller General of Accounts (CGA) said that the fiscal deficit in absolute terms was 15,86,537 crore (provisional). The Finance Ministry had in February estimated the deficit at 15,91,089 crore or 6.9% of GDP.

➤ **GDP Growth Forecast**

- ✓ The **World Bank** cut India's economic growth forecast for the current fiscal to **7.5%**, as **rising inflation, supply-chain disruptions** and geopolitical tensions dampen recovery.
- ✓ The World Bank has slashed its growth forecast for India for the current financial year to **7.5 percent**, a hefty 1.2 percentage points down from its previous forecast of 8.7 percent.

➤ **Monetary Policy Committee (MPC)**

- ✓ On June 8, the RBI's six-member monetary policy committee (MPC) - voted unanimously to raise the policy repo rate by 50 basis points (half a percentage point) to take it to 4.9% in a bid to contain inflation.
- ✓ The RBI's action will push up the cost of mortgages as more than 90% of bank home loans are linked to the repo rate.
- ✓ The real GDP growth rate for the year has been retained at 7.2%.

➤ **World Economic Outlook**

- ✓ The Indian economy - **is estimated to grow by 7.4% in current fiscal (2022-23)**, according to the latest World Economic Outlook of the International Monetary Fund (IMF).
- ✓ This is **sharply lower than the agency's earlier forecast of 8.2% due to the impact of war in Ukraine, surging inflationary pressures and rapid interest rate hikes**.
- ✓ The latest projections by the IMF enable India to retain its fastest growing major economy tag for the current fiscal year and the next.

➤ **TIN 2.0 Platform**

- ✓ **Kerala-based Federal Bank** - has become **India's first bank to list its Payment Gateway platform** on the income tax department's TIN 2.0 platform.

- ✓ The TIN 2.0 platform went live on July 1 this year and the "Payment Gateway" has been enabled for transactions.
- ✓ The payment gateway provides one more payment option to taxpayers, who can now make their payments with ease, using modes such as credit/ debit card, UPI, NEFT/RTGS and internet banking.

➤ **National Statistical Office (NSO)**

- ✓ The Indian economy - registered the growth at the quickest pace in the last one year, as per the data released by the National Statistical Office (NSO) on August 31.
- ✓ The Gross Domestic Product (GDP) in the first quarter (April-June) of this fiscal year grew by 13.5%, as against a 20.1% growth seen during the same period last year following the pandemic-driven slump.
- ✓ The growth of 13.5% is the fastest in the last three quarters - 4.1% in the previous quarter (Q4FY22), 5.4% in the December 2021 quarter of FY22, and 8.4% in September 2021 quarter.

➤ **India - Fifth-Largest Economy**

- ✓ **India has overtaken the UK to become the fifth-largest economy in the world.** Economists and business executives anticipated that India's position would continue to improve in the years to come due to **greater economic growth.**

The United States, China, Japan, and Germany are the only nations with economies larger than India's. The UK is currently in sixth place, just behind India.

➤ **Fitch Ratings**

- ✓ Fitch Ratings - slashed its **projection of India's economic growth to 7%** for current fiscal year, citing elevated inflation levels and higher interest rates.
- ✓ The agency has released its **Global Economic Outlook September 2022** on September 15.
- ✓ In June, Fitch had projected India's GDP to grow by 7.8% in 2022-23. The rating agency had also forecasted a slowdown in growth to 6.7% in FY24 from its earlier estimate of 7.4%.

➤ **FM urges World Bank Arm IFC to Raise Lending to India**

- ✓ Finance Minister Nirmala Sitharaman has urged the World Bank's private sector investment arm, the International Finance Corporation

(IFC), to increase lending to India to more than **\$2 billion in the next two years** and to **\$3-3.5 billion over the next three-four years**.

- ✓ Makhtar Diop, Managing Director of IFC, who met Ms. Sitharaman on Monday, said the corporation would adopt 'a proactive approach' to scale up its India investments and would extend **financing to micro, small and medium enterprises (MSMEs)** in order to bolster the country's 'effort to become a manufacturing hub'.

➤ **Asian Development Bank (ADB)**

- ✓ The Asian Development Bank (ADB) - has lowered its 2022-23 economic growth outlook for India.
- ✓ The move follows slower global demand and rising interest rates to manage inflationary pressures from **elevated prices of oil and other commodities**.
- ✓ ADB forecasts **growth of 7% for fiscal 2022-23** in an update of its **Asian Development Outlook as against a projection of 7.5% in April**.
The growth outlook for 2023-24 has also been revised down to 7.2% from the earlier 8.0%.

➤ **Global Fintech Fest 2022**

- ✓ **RBI Governor Shaktikanta Das** - launched three key initiatives during the Global Fintech Fest 2022.
- ✓ The initiatives launched include **RuPay Credit Card** on UPI, UPI LITE and Bharat BillPay Cross-Border Bill Payments.
It was organized from September 19 to 22 with the **theme "Creating A Sustainable Financial World - Global, Inclusive, Green"** in Mumbai.

APPOINTMENT

- **UN Chief Names an Indian in Climate Team**
- ✓ **Arunabha Ghosh**, CEO of the Delhi-based Council for Energy Environment and Water, has been appointed a **member of a high-level group constituted by United Nations Secretary General, Antonio Guterres, to bolster action against global warming.**
- ✓ Mr. Ghosh is among three Asians, and the only South Asian, serving on the expert group.

- **Ketanji Brown Jackson**
- ✓ In a landmark decision in American history, the United States Senate - confirmed Ketanji Brown Jackson as the **first Black woman to sit in the country's Supreme court on April 7.**

- **New UPSC Chairman**
- ✓ Eminent scholar-academician **Manoj Soni** new UPSC chairman.
- ✓ Currently a Member of the Union Public Service Commission (UPSC), Dr Manoj Soni has been appointed the chairman of the country's premier government recruiting agency.

- **A.K. Sood**
- ✓ Ajay Kumar Sood has been appointed Principal Scientific Adviser (PSA) to the Union government
- ✓ He is a **member of the Science, Technology and Innovation Advisory Council (PM-STIAC).**

- **NITI Aayog - New Vice-Chairman**
- ✓ The government appointed **Suman K. Bery as the vice-chairman of the NITI Aayog** following the resignation of Rajiv Kumar.
- ✓ Mr. Bery will take charge from May 1, 2022.

- **Emmanuel Macron**
- ✓ Emmanuel Macron - was re-elected as **President of France** on April 24, beating rival Marine Le Pen for another **five years in office.**
- ✓ With the win, Macron became the first president to win a second term since Jacques Chirac in 2002.

➤ **John Lee**

- ✓ On May 8, Hong Kong - formally confirmed John Lee as **its next leader** after an uncontested election.
- ✓ **John Lee** is a Chinese-backed hardline security chief who oversaw a crackdown on Hong Kong's **pro-democracy movement**.

➤ **Rajiv Kumar**

- ✓ Election Commissioner Rajiv Kumar would take charge as the Chief Election Commissioner (CEC).

➤ **Katalin Novak**

- ✓ Katalin Novak - assumed office as Hungary's first female president for a five-year term on May 10.
- ✓ Novak, a former member of the government as minister without portfolio for family affairs, is also the country's youngest President at 44 years of age.

➤ **Sheikh Mohammed bin Zayed Al Nahyan**

- The **UAE's federal council** - elected Sheikh Mohammed bin Zayed Al Nahyan, commonly referred to as MbZ, as the **country's president** on May 14.
- ✓ He has replaced Sheikh Khalifa Bin Zayed Al Nahyan, who died at the age of 73 on May 13.

➤ **Yoon Suk-yeol**

- Yoon Suk-yeol - was sworn in as the **South Korean president** in a ceremony at Seoul's National Assembly recently on May 10, 2022.
- ✓ The 61-year old Yoon of the main conservative People Power Party had won a tight election in March 2022 to helm the world's 10th largest economy.

➤ **Elisabeth Borne**

- ✓ Elisabeth Borne - was appointed **France's new prime minister** on May 16.
- ✓ Borne is the second woman to hold the position after Edith Cresson, who was PM in 1991-1992 under Socialist President Francois Mitterrand.

➤ **Anthony Albanese**

- ✓ Anthony Albanese - is set to become **Australia's 31st Prime Minister** after Labor Party registered victory against Scott Morrison's Liberal-National coalition in Australia's 2022 federal elections.

➤ **Tedros Adhanom Ghebreyesus**

- ✓ WHO director-general Tedros Adhanom Ghebreyesus - was **reappointed to a second five-year term by the UN health agency's** member countries on May 24.
- ✓ Tedros, a former government minister from **Ethiopia**, has directed WHO throughout its management of the **global response to Covid-19**.

➤ **Rajesh Bhushan**

- ✓ **Health Secretary to head key World Health panel.**
- ✓ Union Health Secretary Rajesh Bhushan has been appointed chairperson of the Committee B at the 75th World Health Assembly (WHA).
- ✓ This year, the panel will discuss and prepare report on many important issues which includes budget for the WHO, prevention of sexual exploitation and reforms.

➤ **Parameswaran Iyer**

- ✓ Retired civil servant Parameswaran Iyer - has been appointed as the **new chief executive officer (CEO)** of the government's policy think tank **Niti Aayog**.
- ✓ He will succeed Amitabh Kant, whose six-year tenure ends on June 30.
- ✓ Parameswaran Iyer played a key role in the rollout of the **Swachh Bharat mission**.

➤ **Tapan Kumar Deka**

- ✓ Tapan Kumar Deka appointed as **new Intelligence Bureau chief**. The Central government on 24 June 2022 appointed senior IPS officer Tapan Kumar Deka as Director of Intelligence Bureau (IB).

➤ **Eknath Shinde**

- ✓ On June 30, Shiv Sena leader Eknath Shinde - was sworn in as the **20th chief minister of Maharashtra**, while BJP leader and former chief minister **Devendra Fadnavis** took over as **Deputy Chief Minister**.

➤ **Financial Action Task Force (FATF)**

Indian origin **T Raja Kumar** - has taken over as **President of Financial Action Task Force (FATF)**, the world's anti-terrorism financing agency.

➤ **Rajya Sabha**

✓ On July 6, the government - nominated four acclaimed celebrities from the south – legendary music composer **Ilaiyaraaja**, athlete **P T Usha**, script writer of 'Bahubali' and 'RRR' **K V Vijayendra Prasad** and Dharmasthala temple head **Veerendra Heggade** – to the Rajya Sabha.

➤ **Ranil Wickremesinghe**

✓ Acting President **Ranil Wickremesinghe** has won the presidential election held in the Sri Lankan Parliament with **134 votes**.
✓ He has been elected as the **9th executive president of Sri Lanka**.
For the **first time** in 44 years, the Sri Lanka's Parliament **directly elected a president**.

➤ **Dinesh Gunawardena**

✓ In Sri Lanka, **Dinesh Gunawardena** took the oath as **Sri Lanka's new Prime Minister** on 22 July 2022.
Gunawardena's appointment comes a day after six-time Prime Minister **Ranil Wickremesinghe** was sworn in as the country's new President.

➤ **Indermit Gill**

✓ The **World Bank** - appointed **Indermit Gill** as the **chief economist and senior vice-president for development economics** at the multilateral development bank.
✓ His appointment will be effective from September 1, this year.
✓ Gill will succeed American economist **Carmen Reinhart** in the role.
According to **World Bank President David Malpass**, Gill spearheaded the influential 2009 World Development Report on Economic Geography.

➤ **Viswanathan Anand**

✓ **Viswanathan Anand**, the legendary Indian chess player and five-time world champion - has been elected as the **deputy president of International Chess Federation (FIDE)**.
✓ The elections to the world chess body, FIDE were held during the FIDE Congress, which is being conducted in Chennai alongside the 44th Chess Olympiad.

➤ **N. Kalaiselvi**

- ✓ The **Council of Scientific and Industrial Research (CSIR)** has, for the first time in its 80-year history, appointed a **woman Director-General**.
- ✓ N. Kalaiselvi, currently Director of the CSIR-Central Electro Chemical Research Institute (CSIR-CECRI), Karaikudi, Tamil Nadu, will now lead the network of **38 laboratories** and nearly 4,500 scientists, and has been appointed for two years, said a note from the Appointments Committee of the Union Cabinet.

➤ **Nitish Kumar**

- ✓ **Janata Dal (United)** leader Nitish Kumar was sworn in as the **Chief Minister of Bihar for the 8th time on August 10, 2022**, at the Rajendra Mandapam inside Raj Bhavan.
- ✓ RJD leader Tejashwi Yadav also took an oath as the Deputy Chief Minister of the state.

➤ **Justice Lalit Appointed 49th CJI**

- ✓ Justice Uday Umesh Lalit was appointed the **49th Chief Justice of India (CJI)** after President Droupadi Murmu signed his warrant of appointment.

➤ **Justice T Raja**

- ✓ Justice T Raja, senior-most judge of the Madras high court - has been named acting chief justice (ACJ) of the high court from September 22.
- ✓ A notification to this effect was issued by the Union law ministry on September 19.
- ✓ The incumbent Acting Chief Justice M Duraiswamy is scheduled to retire on September 21.
- ✓ Born on May 25, 1961, Justice Raja completed law degree at Madurai Government Law College and enrolled as an advocate on June 22, 1988.

➤ **PM CARES Fund**

- ✓ According to the prime minister's office, Veteran industrialist Ratan Tata, former Supreme Court judge KT Thomas, and former deputy Lok Sabha speaker Kariya Munda have been nominated as trustees of the PM CARES Fund.
- ✓ Prime Minister Narendra Modi chaired a meeting of the Board of Trustees of the PM CARES Fund, which was attended by Union Home Minister Amit Shah and Union Finance Minister Nirmala Sitharaman.

- **Prime Minister of Saudi Arabia**
- ✓ **Mohammed bin Salman** named as Prime Minister of Saudi Arabia.
- ✓ In Saudi Arabia, King Salman bin Abdulaziz named his son and heir Crown Prince Mohammed bin Salman as the Prime Minister of the kingdom.

- **Lt-Gen Anil Chauhan**
- ✓ On September 28, the Centre - appointed Lt-Gen Anil Chauhan, a known China expert who retired as the Eastern Army Command chief in May last year, as the **country's next chief of defence staff (CDS)**.
- ✓ Chauhan, 61, is currently serving as the **military advisor to national security advisor Ajit Doval** and the **National Security Council Secretariat**.

- **R Venkatramani**
- ✓ The President of India on 28 Sept 2022 appointed senior advocate **R Venkataramani** as the **new Attorney General for India** for a period of three years.
- ✓ Mr Venkataramani will replace current Attorney General (AG) K K Venugopal whose term ends on Sept 30, 2022.

- **Justice Chandrachud**
- ✓ President Droupadi Murmu has appointed Justice Chandrachud as the executive **chairman of the National Legal Services Authority (NALSA)**.
- ✓ The NALSA has been constituted under the **Legal Services Authorities Act, 1987**. It aims to provide free Legal Services to the weaker sections of the society.

Recent Appointments in India 2022

Sl. No	Designation	Person
1	New Chief of Defence Staff	Lt. General Anil Chauhan
2	New Attorney General of India	Senior advocate R Venkataramani
8	President of Hockey India	Dilip Tirkey

9	Director General of ICMR	Dr. Rajiv Bahl
10	Director General of National Centre for Good Governance (NCGG)	Bharat Lal
11	trustees of PM CARES Fund	Ratan Tata
12	MD & CEO IndusInd Bank	Sumant Kathpalia
14	President of Society of Indian Automobile Manufacturers	Vinod Aggarwal
15	Chairman of the Appellate Tribunal under the Prevention of Money Laundering Act (PMLA)	Chief Justice Munishwar Bhandari
16	India's next ambassador to Japan	Sibi George
17	Attorney General of India	Mukul Rohatgi
18	India's ambassador to Eritrea	Prakash Chand
19	CEO of IndiGo	Pieter Elbers
20	Next high commissioner of India to Canada	Sanjay Verma Sanjay Verma
21	MD & CEO of Tamilnad Mercantile Bank	Krishnan Sankarasubramaniam
22	Executive chairperson of the National Legal Services Authority (NALSA)	Justice DY Chandrachud
23	CMD of Shipping Corporation of India	Binesh Kumar Tyagi
24	Chairman and CMD of NHPC	Yamuna Kumar Chaubey
25	Director General of the News Services Division of All India Radio (AIR)	Vasudha Gupta

Sl. No	Designation	Person
1	Prime Minister of Saudi Arabia	Mohammed bin Salman
2	Indian Ambassador to Madagascar	Bandaru Wilsonbabu
3	First woman PM of Italy	Giorgia Meloni
4	President of Angola	Joao Lourenco (re-elected)
5	CEO of American Express India	Sanjay Khanna
6	Next UN High Commissioner for Human Rights	Volker Turk
7	Home Secretary in UK Cabinet	Suella Braverman
8	New PM of United Kingdom	Liz Truss

AWARDS

➤ 64th Annual Grammy Awards

- ✓ **Indian-American musician Falguni Shah** and US-born, Bengaluru-based **Rickey Kej** - bagged trophies at the 64th annual Grammy awards on April 3.
- ✓ Falguni, a New York-based musician who goes by her stage name **Falu**, won a Grammy for **Best Children's Music Album** for '**A Colorful World**'.
- ✓ **Kej** won the **Best New Age Album** category for '**Divine Tides**' for which he collaborated with Steward Copeland, drummer for The Police.

➤ 2022 World Press Photo of the Year

- ✓ A photo taken next to the former **Kamloops Indian Residential School** has been chosen as the 2022 World Press Photo of the Year.
- ✓ For the 1st time in the contest's 67-year history, the World Press Photo of the Year is a photograph without any people in it.
- ✓ The photo was taken by **Amber Bracken**, a photographer from Edmonton, commemorates children who died at the Kamloops Indian Residential School.

➤ 1st Lata Deenanath Mangeshkar Award

- ✓ Prime Minister Narendra Modi will be honoured with the inaugural Lata Deenanath Mangeshkar Award which is instituted in the memory of the veteran **singer** of Lata Mangeskar.
- ✓ **PM Modi** will receive the award for **selfless service** to the nation and society.

➤ International Gandhi Award for Leprosy 2021

- ✓ The International Gandhi Award for Leprosy, 2021 has been presented by Vice President M. Venkaiah Naidu to **Dr. Bhushan Kumar of Chandigarh** and the **Sahyog Kushtha Yagna Trust of Gujarat** at a ceremony in New Delhi.
- ✓ The award was given to Dr. Bhushan Kumar and Sahyog Kushtha Yagna Trust for raising awareness about leprosy and providing care to those afflicted with it.

➤ **Innovation Award**

- ✓ **Chennai** - has won the **best city award for Covid-19 response** under the award category innovation award given by the **ministry of housing and urban affairs**.

The city also received the awards under the **smart city category** and for **waterbody restoration**.

➤ **e-Proposal System**

- ✓ A key initiative titled "e-Proposal System" of the Planning department of Meghalaya government - wins the coveted **UN Award - World Summit on the Information Society (WSIS) Forum Prizes 2022**.
- ✓ The "e-Proposal System", part of Meghalaya Enterprise Architecture (MeghEA), seeks to eliminate 75% physical work of files in government departments
- ✓ Meghalaya was selected among the top 360 projects across the world.

➤ **Whitley Gold Award**

- ✓ Noted **snow leopard expert and wildlife conservationist Charudutt Mishra** has won the prestigious Whitley Gold Award.
- ✓ He has been awarded for his contribution to involving indigenous communities in the conservation and recovery of **big cat species in Asia's high mountain ecosystems**.
- ✓ This is his **second** Whitley Fund for Nature (WFN) Award. He got the **first in 2005**.

➤ **World Food Prize**

- ✓ **Cynthia Rosenzweig**, an agronomist and climatologist, wins the World Food Prize.
- ✓ She is a senior research scientist at the **NASA Goddard Institute for Space Studies**.
- ✓ World Food Prize Foundation award recognized Rosenzweig as the **founder of the Agricultural Model Intercomparison and Improvement Project**.

➤ **Pulitzer Prize**

- ✓ **Photojournalist Danish Siddiqui** is among four Indians honoured with the prestigious Pulitzer Prize **2022** in the feature photography category.
- ✓ Siddiqui and his colleagues Adnan Abidi, Sanna Irshad Mattoo and Amit Dave from the Reuters news agency have won the award.
- ✓ This is for the **second time that Siddiqui has won the Pulitzer Prize**.

- ✓ He was killed in **2021**.
- **Royal Gold Medal 2022**
- ✓ **Ahmedabad-based acclaimed architect Balkrishna Vithaldas Doshi** - was conferred the Royal Gold Medal 2022, one of the world's **highest honours for architecture**.
- ✓ BV Doshi is among the rare people to have been awarded both the Royal Gold Medal and the **Pritzker Architecture Prize**, often referred to as the **Nobel Prize of architecture**, in their lifetime.
- **Aster Guardian Global Nursing Award**
- ✓ **Anna Qabale Duba**, a **Kenyan nurse** stationed at the Marsabit County Referral Hospital - won the inaugural Aster Guardian Global Nursing Award on May 12.
- ✓ She received the award as the **world's best nurse for endorsing education, campaigning against early marriage** and outdated cultural practices like Female Genital Mutilation in her community.
- **Sangita Kalanidhi Awards**
- ✓ The **Music Academy** announced Sangita Kalanidhi award winners for the years 2020, 2021 and 2022.
- ✓ **Neyveli R. Santhanagopalan** has been selected for the award for **2020**, **Tiruvarur Baktavatsalam** for 2021 and **Lalgudi G.J.R. Krishnan** and **G.J.R. Vijayalakshmi** for **2022**.
- **Global Health Leaders Award**
- ✓ The World Health Organisation (**WHO**) - has conferred the "Global Health Leaders" award for 2022 on **India's 10 lakh ASHA workers for their services during Covid-19**.
- ✓ An ASHA worker is an Accredited Social Health Activist, a community health worker instituted by the Ministry of Health and Family Welfare as a part of **India's National Rural Health Mission**.
- **Tomb of Sand**
- ✓ Indian novel 'Tomb of Sand' wins **International Booker Prize**.
- ✓ Indian writer **Geetanjali Shree** and American translator **Daisy Rockwell** won the International Booker Prize for "Tomb of Sand,". Originally written in Hindi, it's the **first book in any Indian**

language to win the high-profile award, which recognizes fiction from around the world that has been translated into English.

➤ **Geetanjali Shree**

- ✓ Geetanjali Shree's Hindi novel '**Tomb of Sand**' - becomes the first book in any Indian language to win the prestigious 2022 International Booker Prize.
- ✓ She shared her award with Daisy Rockwell, who lives in Vermont, US, who translated her Hindi novel '**Ret Samadhi**' into English and called it 'Tomb of Sand'.

➤ **CM's Girl Protection Scheme Awards**

- On June 16, Chief Minister M K Stalin - gave away medals to collectors of Coimbatore, Thanjavur and Karur for **improving the sex ratio at birth** in their districts, at a function in Chennai.
- ✓ The collectors were bestowed with the medals as part of the CM's girl protection scheme awards for the year 2022.

➤ **Shanti Swarup Bhatnagar Prize**

- ✓ The **first Shanti Swarup Bhatnagar Prize** for Science and Technology, considered the most prestigious award in the **field of science** and conferred by the Government of India, was won in **1958** by **K.S. Krishnan**, who hailed from **Tamil Nadu**.
- ✓ He worked closely with his **mentor and Nobel laureate C.V. Raman**.

➤ **Skytrax World Airport Awards 2022**

- ✓ **Bengaluru's Kempegowda International Airport** - bagged the **best regional airport in India** and South Asia at the prestigious Skytrax World Airport Awards 2022 held recently in Paris.
- ✓ The airport has been chosen as the winner after being adjudged by customers, who vote for the airport with the best customer service, in a survey conducted globally.

➤ **Maryna Viazovska**

- ✓ **Ukraine's Maryna Viazovska** - became the second woman to be awarded the Fields medal, known as the **Nobel prize for mathematics**.
- ✓ Viazovska, a 37-yearold Kyiv-born math professor, received the prestigious award alongside three other winners at a ceremony in Helsinki.

➤ **68th National Film Awards**

- ✓ The winners - of the 68th National Film Awards for the year 2020 were announced in New Delhi on July 22.
- ✓ **Tamil film “Soorarai Pottru”** won the National Award for **Best Feature, Best Actor and Best Actress**.
- ✓ The film also received the Best Screenplay for Shalini Usha Nair and director Sudha Kongara as well as Best Music Direction (background score) for GV Prakash Kumar.
- ✓ Ajay Devgn-starrer “Tanhaji: **The Unsung Warrior**” bagged the awards for Best Actor for Devgn and Best Popular Film Providing Wholesome Entertainment.
Devgn shared the Best Actor award with Suriya, who got it for “Soorarai Pottru”.

➤ **Sir Winston Churchill Leadership Award**

- ✓ **Ukrainian President Volodymyr Zelenskyy** – was conferred with the Sir Winston Churchill Leadership Award recently.
- ✓ British Prime Minister Boris Johnson presented the award during a ceremony that was attended by members of the Churchill family on July 26.
Zelenskyy accepted the award by video link, thanking Johnson and Britain for their support.

➤ **Kalachuvadu**

- ✓ **Kannan Sundaram**, the publisher of ‘Kalachuvadu’ - has been chosen by the French government for **Chevalier de l’Ordre National du Merite, the Knight of the Order of the Merit**.

➤ **Gaj Gaurav Award**

- ✓ **The Ministry of environment, forests and climate change** - has selected five mahouts hailing from **Malasar tribal community** for this year’s ‘Gaj Gaurav’ award
- ✓ These mahouts work in Kozhikamuthi and Varakaliyar elephant camps in Valparai in the Anaimalai Tiger Reserve (ATR) at Coimbatore district.
- ✓ The award is given to individuals working for **conservation of wild elephants**.
- ✓ The representative of the mahouts will receive the award during the World Elephant Day celebration at Periyar Elephant Reserve in Kerala on **August 12**.

➤ **dPal rNgam Duston**

- ✓ Tibetan spiritual leader **Dalai Lama** has been honoured with the 'dPal rNgam Duston' award - **the highest civilian honour of Ladakh**. He has been honoured for his immense contribution to humanity.

➤ **US Heritage Wall of Fame**

- ✓ **Ramadhar Singh**: 1st Indian psychologist on US Heritage Wall of Fame.
- ✓ Ahmedabad University professor Ramadhar Singh has been marked on the 'Heritage Wall of Fame' of the Society for Personality and Social Psychology (SPSP) in the US.

With this, he has become the **only social psychologist from India to receive this honour**. He has been honoured by the SPSP for his extraordinary contributions to social psychology and management.

➤ **Chevalier de la Legion d'Honneur**

- ✓ The Government of France has decided to **bestow the highest French civilian honor** - Chevalier de la Legion d'Honneur to **Senior Congress leader** and Thiruvananthapuram MP **Shashi Tharoor**.
- ✓ As per media reports, the French Government has decided to award Congress leaders for **his writings and speeches**.

➤ **Tamil Nadu Awards on the 75th Anniversary of Independence Day.**

➤ **Thagaisal Thamizhar**

- ✓ On August 15, Chief Minister M K Stalin - presented the 'Thagaisal Thamizhar' (distinguished Tamil) award to **veteran Communist leader R Nallakannu** for his outstanding contribution to the **development of Tamil Nadu and Tamils**.

➤ **Dr APJ Abdul Kalam award**

- ✓ The annual Dr APJ Abdul Kalam award was presented to **S Ignacimuthu**, the former **vice-chancellor of University of Madras and Bharathiar University**.

➤ **Kalpana Chawla Award**

- ✓ **B Ezhilarasi of Kilvelur village in Nagapattinam district** was honoured with this year's Kalpana Chawla Award for her bravery in **rescuing two children from drowning in a pond** despite not knowing to swim.

➤ **CM in Your Constituency Award**

- ✓ **S Lakshmipriya**, Supervisory Public Grievance Redressal Officer in **Mudhalvarin Mugavari Department**, received CM in Your Constituency award.
- ✓ The award was conferred in appreciation of **her excellent work in coordinating the technical-related work in the department.**

➤ **CM's Best Practices award**

- ✓ The CM's Best Practices award - was conferred on two departments and five districts this year during the 75th anniversary of Independence Day.
- ✓ **The State Agricultural Engineering Department** received the award for developing the **e-Vaadagai Online Agricultural Machinery Hiring Mobile app**
- ✓ Further, **Greater Chennai Police** received the award for its special initiative, **Kaaval Karangal, to rescue abandoned, aged and mentally ill people.**
- ✓ From Chengalpattu, District Social Welfare Officer **Sangeetha Veera Santhanam** received the award for **excellent work in transforming lives of trans persons.**
- ✓ For Sivanganga, former Collector **J Jayankantham** received the award for the rejuvenating water bodies.
- ✓ Among other districts, **Dindigul district bagged** the award for rooftop rainwater harvesting, **Tirunelveli district for 'Thaicare Nellai' project and Tiruvallur district for 'Siragugal Bricks' initiative.**
- ✓ For awards for services rendered towards the welfare of women, "Vanavil Trust" established by **R Revathi** in Nagapattinam was chosen as the best institution.
- ✓ **Dr G Pankajam** won the award for '**Best social worker**' in recognition of her services rendered towards welfare of women.

➤ **State Youth Award**

- ✓ Chief Minister **M K Stalin** - conferred the Chief Minister's State Youth Award on **M Mohamad Ashick** for social work during the 75th anniversary of Independence in Chennai on August 15.
- ✓ The award carries a **prize money of Rs.1 lakh**, a medal and a citation.
- ✓ A 29-year-old Nilgiris native, **Ashick**, has **dedicated his life to ensure dignified funeral of unclaimed bodies.**

- **Chief Minister's Good Governance Award**
- ✓ **Tirunelveli district** - won the Chief Minister's Good Governance Award for managing to bring **maternal mortality rate (MMR) under control**.
- ✓ The district, once notorious for its high MMR, had a MMR of 100 against the state average of 65, few years ago.
- ✓ The secret to the success is the implementation of '**Thai care**' system, which integrates technology and public healthcare expertise.

- **Corporate My Stamp**
- ✓ A stamp to mark the 160th year of the stately **Indo-Saracenic building complex of Madras high court** - was released by Chief Justice Munishwar Nath Bhandari on August 15.
- ✓ The **chief justice** released the stamp under '**Corporate My Stamp**' scheme of **India Post** after hoisting the National Flag.

- **Unesco Peace Prize 2022**
- ✓ Former German chancellor **Angela Merkel** has been awarded the Unesco Peace Prize 2022 for "**her efforts to welcome refugees**".
- ✓ In the summer of 2015, as refugees were streaming into Europe, Merkel opened her country's borders and famously declared to Germans "**Wir schaffen das**", "**We can do this.**"

- **Pulitzer Prize 2022**
- ✓ Bangladesh-born **Fahmida Azim** working for the Insider online magazine of the US has been selected for the Pulitzer Prize 2022.
- ✓ She will be awarded under the category of **Illustrated Reporting and Commentary**.

- **Liberty Medal 2022**
- ✓ The Liberty Medal 2022 will be awarded this fall to **Ukrainian President Volodymyr Zelenskyy**.
- ✓ The National Constitution Center has announced that Zelenskyy will be honoured in a ceremony in October for what it called "**his heroic defence of liberty in the face of Russian tyranny.**"

➤ **K Ramachandran**

- ✓ **K Ramachandran** from Sembankudi in Ramanathapuram district is the only teacher selected from Tamil Nadu for the **National Best Teacher award**.
- ✓ Ramachandran, 40, is a second-grade teacher at the panchayat union primary school at Keezhambal village.
- ✓ He will receive the best teacher award for his **integrated village development model of education** which guides children from kindergarten to college.

➤ **Divita Rai**

- ✓ On August 28, Divita Rai - was crowned **LIVA Miss Diva Universe 2022** at the Miss Diva Universe pageant held at the Famous Studios, Mahalaxmi, in Mumbai.
- ✓ With the win, Rai will represent India at the global pageant of Miss Universe
The model, who hails from **Karnataka**, was crowned by **Miss Universe 2021 Harnaaz Kaur Sandhu**.

➤ **Sahitya Akademi's Bal Sahitya Puraskar 2022**

- ✓ Bal Sahitya Puraskar given to writers of 23 languages and Yuva Sahitya Puraskar for writers in 24 languages.
- ✓ In the category of Bal Sahitya Puraskar, the award in Punjabi language is not being given this year.
- ✓ In Tamil, Bal Sahitya Puraskar will be given to **G. Meenakshi for Mallikavin Veedu**.
- ✓ In Tamil, Yuva Puraskar will be given to **Paa. Kalimuthu for Thaniththirukkum aralikalin mathiyam**.

➤ **General Manoj Pande**

- ✓ Indian Army chief General Manoj Pande - was **conferred the title of Honorary General of the Nepali Army** by Nepal President Bidya Devi Bhandari in Kathmandu recently on September 5.
- ✓ General Pande was honoured at a special ceremony at the **President's official residence 'Shital Niwas'** in the capital city of Nepal during his ongoing visit to the Himalayan nation.

➤ **Hermann Kesten Award**

- ✓ **Meena Kandasamy**, Chennai-born anti-caste activist, novelist and poet, has been named this year's recipient of the Hermann Kesten award,

which recognizes her work on the **themes of caste, gender and ethnic oppressions.**

✓ She has used both poetry and prose and has been shortlisted for various literary awards, such as **the Hindu Lit Prize and the Women’s Prize for Fiction.**

➤ **India Hypertension Control Initiative (IHCI)**

✓ **2022 UN Interagency Task Force, and WHO Special Programme on Primary Health Care Award’** was conferred to India for its India Hypertension Control Initiative (IHCI).

✓ The UN award was conferred at the UN General Assembly side event that was held on September 21, 2022 in New York.

➤ **Dadasaheb Phalke Award**

✓ Veteran actress **Asha Parekh** has been declared **the recipient of the 2020 Dadasaheb Phalke award**, making her the **52nd awardee of the honour.**

✓ She worked in more than 95 films and was the chairperson of the Central Board of Film Certification from 1998-2001.

The Dadasaheb Phalke Award is the **highest honour in Indian cinema.**

Important Awards and Honours

Awards	Awardee	Field
Ramon Magsaysay Awards 2022	<ul style="list-style-type: none"> • Sotheara Chhim (Cambodia) - For mental health • Bernadette Madrid (Philippines) - For effort in child protection • Tadashi Hattori (Japan) - For training local doctors 	Outstanding contributions in Government Service

	<p>who have treated Vietnamese</p> <ul style="list-style-type: none"> • Gary Benchehib (Indonesia) - For fight against marine plastic pollution 	
International Tourism award 2023	West Bengal	for 'best destination for culture.
France's top civilian honour 'Knight of the Legion of Honour'	Swati Piramal	contribution in the fields of business and industry, science, medicine, art and culture, both nationally and internationally.
German PEN award	Indian author & poet Meena Kandasamy	Standing up for the rights of persecuted writers and journalists.
Queen Elizabeth II Woman of the Year award	Indian-origin Suella Braverman	To honour South Asians for their great achievements in the UK.
Airport Service Quality award-2022	Cochin International Airport Ltd	Highest honour in the global aviation sector.
52nd Dadasaheb Phalke Award	Asha Parekh	outstanding contribution to the growth and development of Indian cinema
Lata	• Kumar Sanu	To promote excellence in the area of light

Mangeshkar Award	<ul style="list-style-type: none"> • Shailendra Singh • Anand-Milind 	music
Best adventure tourism destination	Uttarakhand	Adventure tourism destination
Miss Diva Universe 2022	Divita Rai (Karnataka)	Beauty Pageant
Liberty Medal 2022.	Ukrainian President Volodymyr Zelenskyy	Humanitarian efforts
UNESCO Peace Prize 2022	Former German chancellor Angela Merkel	effort to promote peace
France's highest civilian honour "Chevalier de la Legion d'Honneur"	Shashi Tharoor	writings and speeches
Miss India USA 2022	Indian origin teenager Aarya Walvekar (Virginia)	Beauty Pageant
Miss Teen India USA	Tanvi Grover	Beauty Pageant
'dPal rNgam Duston' award (Ladakh's highest)	Dalai Lama	immense contribution to humanity

civilian award)		
'President's Colours honours	Tamil Nadu Police	Military, police decoration
Femina Miss India World 2022	Sini Shetty (from Karnataka)	beauty pageant or beauty contest
Fields medal 2022 (also known as the Nobel Prize for mathematics)	Ukrainian Mathematician Maryna Viazovska	Mathematics
'Order of the Rising Sun' award by Japan	Narayanan Kumar Vice Chairman of Sanmar Group	To strengthen economic relations between Japan and India
Mrs Universe Divine Title	Pallavi Singh (from India)	beauty pageant or beauty contest
Mother Teresa Memorial Award (by the Maharashtra government)	Dia Mirza (UNEP National Goodwill Ambassador)	Social Justice
Sardar Patel Outstanding ICAR Institute Award 2021	The National Academy of Agricultural Research Management (NAARM). Chairman of NAARM Srinivasa Rao.	Agricultural Research

Global Energy Prize 2022	Indian-Origin Professor Kaushik Rajashekara	contribution in energy efficient technologies
Women's Prize for Fiction 2022	Ruth Ozeki	The Book of Form & Emptiness
Miss India Worldwide 2022	Khushi Patel	longest-running Indian pageant awards outside India
Order of the British Empire (OBE) Award	Kishore Jayaraman (President of Rolls-Royce for India and South Asia region)	
Immunization Champion Award	Radio Jockey Umar Nisar (RJ Umar from South Kashmir)	
Top 10 List 2022 of the World's Highest-Paid Athletes	Lionel Messi	Football
2022 Pulitzer Prizes	Four Indians 1. Adnan Abidi 2. Sanna Irshad Mattoo 3. Amit Dave 4. late Danish Siddiqui	Journalism
2022 International	Geetanjali Shree for novel Tomb	Novel

Booker Prize	of Sand	
Whitley Gold Award 202	renowned conservationist and snow leopard expert Charudutt Mishra	
World Food Prize 2022	An American agronomist and climatologist Cynthia Rosenzweig	Climate Crisis and Food Production
Romain Rolland Book Prize 2022	Bengali translation of the French novel "Meursault, contreenquête" (The Meursault Investigation)	Novel
Royal Gold Medal 2022	Indian Architect Balkrishna Vitaldas Doshi	Architecture
2022 Wangari Maathai Forest Champions Award	Cameroonian Activist Cécile Ndjebet	Preserving forests and improving the lives of people dependent on forests
6 National Awards	Karnataka Vikas Grameena (KVG) Bank	Outstanding achievement under enrollment of Atal Pension Yojana (APY)
Wisden's 'Cricketers of the Year' in the	5 Cricketer 1. Rohit Sharma (India)	Cricket

2022	<p>2. Jasprit Bumrah (India)</p> <p>3. Devon Conway (New Zealand)</p> <p>4. Ollie Robinson (England)</p> <p>5. Dane van Niekerk (South Africa)</p>	
World Sportsman of the year 2022	Max Verstappen	Sports
Laureus World Sportswoman of the year 2022	Elaine Thompson-Herah	Sports
UN Award – World Summit on the Information Society Forum (WSIS) Prizes 2022 – Champion Project	e-Proposal System	The role of governments and all stakeholders in the promotion of ICTs for development
Stockholm Water Prize Laureate 2022	Wilfried Brutsaert	Environment
Saraswati Samman 2021	amdarash Mishra	Poet and Litterateur
IBC Awards for Excellence in Built Environment	Atal Tunnel	

2021		
First Lata Deenanath Mangeshkar Award 2022	Narendra Modi	Pharma & Medical Device
The International Gandhi Award for Leprosy 2021	Bhushan Kumar & Sahyog Kushtha Yagna Trust	Leprosy awareness campaign
Entrepreneur Leadership Awards 2022	Vivek Lall	Global Leader in Defence and Aviation Sector
Champions of the Earth Award 2021	Sir David Attenborough	Lifetime Achievement
John F. Kennedy Profile in Courage Award 2022	Five Individuals	To protect and defend democracy
GD (Ghanshyam Das) Birla Award for Scientific Research 2022	Narayan Pradhan for his outstanding contribution in the field of material sciences.	
Abel Prize for 2022	Dennis Parnell Sullivan for his contributions to topology in its broadest sense, and in particular its algebraic, geometric, and dynamical aspects.	
Netaji Award 2022	former Prime Minister(PM) of Japan , Shinzo Abe	
Bharat Ratna Dr Ambedkar Award 2022	Hindi actress Harshaali Malhotra	

SKOCH Award 2021	Delhi based Forensic Science Laboratory (FSL)
Knighthood for sports	Former West Indies Captain Clive Lloyd
First-ever Guinness World Record in Numerology	India's one of the top numerologists : JC Chaudhry
Global Women's Health Tech Awards 2022	Two startups namely NIRAMAI Health Analytix Pvt. Ltd.(NIRAMAI) and InnAccel Technologies Pvt. Ltd.(InnAccel)
Mrs World 2022	Shaylyn Ford (USA)
Most Popular World Leaders with 71% Rating	PM Modi
2022 Genesis Prize for the Efforts in leading the development of the COVID-19 vaccine	Dr Albert Bourla (Chief Executive Officer (CEO) and Chairman of Pfizer))
Presidential Colours or Nishan Award	<p>Four Parachute Battalions • 11 PARA (SPECIAL FORCE)</p> <ul style="list-style-type: none"> • 21 PARA (SPECIAL FORCE) • 23 PARA • 29 PARA <p>This award presented by Chief of Army Staff General Manoj Mukund Naravane on behalf of the President of India Ram Nath Kovind.</p>
Best State Tableau on 73rd Republic Day parade 2022	Uttar Pradesh

68th National Film Awards

1. Best Feature Film	Soorarai Pottru
2. Best Actor	Suriya for Soorarai Pottru and Ajay Devgn for Tanhaji

3. Best Actress	Aparna Balamurali for Soorarai Pottru
4. Best Director	Sachidanandan KR, Ayyappanum Koshiyum
5. Best Cinematography	Avijatrik
6. Best film on Social Issues	'Justice Delayed but Delivered & Three Sisters
7. Best Feature Film in Hindi	Toolsidas Junior

OSCAR: 94th Academy Awards 2022

Category	Winners
Best Actor in a Leading Role	Will Smith, "King Richard"
Best Actress in a Leading Role	Jessica Chastain (The Eyes of Tammy Faye)
Best Picture	CODA
Best International Feature Film	Drive My Car
Documentary Short Subject	The Queen of Basketball
Best Directing	Jane Campion (The Power of the Dog)

PERSONALITIES

➤ Oorvasi Gandhi

- ✓ For the **first time**, the **Union ministry of culture** - has appointed a **transgender** person, activist Oorvasi Gandhi, as the non-officio member of the council and executive committee of the **National Culture Fund (NCF)**.
- ✓ She has been working for the rural transgender communities of the state for more than two decades.

➤ Raghav Chadha & Radhika Gupta

- ✓ Aam Aadmi Party leader **Raghav Chadha**, Edelweiss Mutual Fund CEO **Radhika Gupta** and Ukrainian Vice Prime Minister and Minister of Digital Transformation Mykhailo Fedorov - were named by the **World Economic Forum** in its 2022 list of **Young Global Leaders**.

➤ Kami Rita Sherpa

- ✓ Nepal's legendary climber Kami Rita Sherpa - has **climbed the Mt Everest**, the tallest peak in the **world for a record 26th time**, breaking his own previous record set last year.
- ✓ **Rita first scaled Everest back in 1994** and since then, has been making trips to the summit almost every year.

➤ Devasahayam Pillai

- ✓ Devasahayam Pillai - became **the** first Indian layman to be declared a saint by the Vatican **on May 15**.
- ✓ The previous saints from the country were religious people, nuns and priests from the church.
- ✓ Devasahayam Pillai was born a Hindu in Kanyakumari district of Tamil Nadu.

➤ Kenton Cool

- ✓ Kenton Cool, a 48-year-old British national - scaled the world's highest peak Mount Everest for the 16th time.
- ✓ With the achievement, Cool becomes the **first non-Nepalese** and the **first British citizen to do so**.

➤ **Kshama Bindu**

- ✓ A woman from Gujarat, 24-year-old Kshama Bindu from **Vadodara** – is all set to marry herself on June 11 in an act of '**self-love**' and '**self-acceptance**'.
- ✓ Bindu's 'self-marriage' is possibly the **first of its kind in Gujarat**, and probably even India.
- ✓ This type of rare relationship has been called '**sologamy**', or '**autogamy**' indicating 'marriage by a person to themselves'.

➤ **Kenichi Horie**

- ✓ An 83-year-old Japanese adventurer, Kenichi Horie – became the **oldest person to successfully complete solo, nonstop voyage across the Pacific**.
- ✓ Kenichi arrived in the Kii Strait off Japan's western coast, completing his trans-Pacific voyage in 69 days after leaving a yacht harbour in San Francisco in March.
- ✓ In 1962, Kenichi became the **first person in the world** to successfully complete a solo nonstop voyage across the Pacific from Japan to San Francisco.

➤ **Britain's Queen Elizabeth II**

- ✓ On June 12, Britain's Queen Elizabeth II - overtook Thailand's King to become the **world's second-longest reigning monarch in history**, after France's Louis XIV.
- ✓ UK celebrated the 96-year-old Queen's Platinum Jubilee to mark 70 years of reign with grand events.
- ✓ Now the **Queen** has overtaken Thailand's King Bhumibol Adulyadej, who reigned for 70 years and 126 days between 1927 and 2016, to set another record.

Louis XIV of France remains the longest-reigning monarch, with a 72-year and 110-day reign from 1643 until 1715.

➤ **Khushi Patel**

- ✓ Khushi Patel, has been declared the winner of the **Miss India Worldwide 2022**.
- ✓ It is the longest-running Indian pageant outside of India.
- ✓ She is a **biomedical student** from the **United Kingdom**.

➤ **Alluri Sitarama Raju**

✓ Prime Minister Narendra Modi - unveiled a **30-foot bronze statue** of Alluri Sitarama Raju at **Bhimavaram in Andhra Pradesh's East Godavari district** on July 4, 2022.

✓ Born on July 4, 1897, Alluri Sitarama Raju is remembered for his fight against the British, in order to safeguard the interests of the tribal communities in the Eastern Ghats region.

➤ **Sini Shetty**

✓ At the VLCC Femina Miss India grand finals, Sini Shetty of Karnataka was declared the winner of the **Femina Miss India World 2022 title**.

✓ She will now participate in the 71 Miss World pageant as India's representative.

➤ **Gita Gopinath**

✓ India-born Gita Gopinath - became the first woman and second Indian to feature on the '**wall of former chief economists**' of the **International Monetary Fund (IMF)**.

✓ The first Indian to achieve the honour was Raghuram Rajan who was chief economist and director of research of IMF between 2003 and 2006.

✓ Gopinath was appointed as IMF chief economist in October 2018 and was later promoted as **IMF's first deputy managing director** in December last year.

➤ **Pallavi Singh**

✓ India's Pallavi Singh has won the **Mrs Universe Divine Title** at the finals held at **Yeosu City, South Korea**.

✓ She hails from Kanpur, India, and has made her country proud in this contest that saw participation from 110 countries

➤ **Roshni Nadar Malhotra**

➤ HCL Technologies heiress Roshni Nadar Malhotra - has been named as the **country's wealthiest woman** for a second straight year, with assets of over Rs 84,330 crore.

The second place went to **e-commerce firm Nykaa's founder Falguni Nayar**, who replaces Kiran Mazumdar-Shaw of Biocon to become the richest self-made woman in India with a wealth of Rs 57,520 crore.

➤ **Manisha Ropeta**

- ✓ Manisha Ropeta - has **created history in Pakistan** after becoming the **country's first Hindu woman to become Deputy Superintendent of Police (DSP)**.
- ✓ Ropeta cleared the Sindh Public Service Commission examination last year and ranked 16th on a merit list of 152 successful candidates.
- ✓ Manisha Ropeta, 26, hails from Jacobabad in Pakistan's Sindh province. According to the '**Global Gender Gap Index**' of the **World Economic Forum, Pakistan** was ranked 151 out of 153 countries.

➤ **Dr Poola Anthony**

- ✓ Archbishop of Hyderabad Diocese Dr Poola Anthony - officially became the **first dalit to be appointed a cardinal on August 27**.
- ✓ Anthony, 60, was ordained as a priest in 1992 and was appointed bishop of Kurnool in 2008.

➤ **Gautam Adani**

- ✓ On August 30, Industrialist Gautam Adani - became the third richest person in the world, behind Teslas Elon Musk and Amazon's Jeff Bezos.
- ✓ Chairman of the Adani group, Adani is the **first Asian to break into the top three** of the **Bloomberg billionaire index**, which ranks the richest people on earth.

➤ **Dr Pandurang Khankhoje**

- ✓ On September 2, the **statue of Indian agricultural scientist, Dr Pandurang Khankhoje** - was **installed in Mexico in the University of Chapingo**, the oldest agricultural university in Latin America.
- ✓ Dr Khankhoje (1883-1967) was an outstanding Indian revolutionary, scholar, agricultural scientist and statesman.
- ✓ Mexico was the **first country to recognize India as an independent country in 1947**.

BOOKS & AUTHORS

➤ **Queen of Fire**

- ✓ Award-winning children's writer and historian, Devika Rangachari have authored a new novel titled "Queen of Fire".
- ✓ It explores the story of Rani Lakshmibai of Jhansi.

➤ **"INDO-PAK WAR 1971- Reminiscences of Air Warriors"**

- ✓ Defence Minister Rajnath Singh launched a book "INDO-PAK WAR 1971- Reminiscences of Air Warriors".
- ✓ The book has been edited by Air Marshal Jagjeet Singh and Group Captain Shailendra Mohan. The book contains 50 Swarnim articles written in detailed narrations by veterans.

➤ **Mind Master: Winning Lessons from a Champion's Life**

- ✓ The book is titled 'Mind Master: Winning Lessons from a Champion's Life'. It has been written by Viswanathan Anand with author-journalist Susan Ninan.
- ✓ In this edition, the book has a bonus chapter on how to navigate uncertainty and rapidly changing realities in the wake of the pandemic.

➤ **Ambedkar and Modi**

- ✓ Former President Ram Nath Kovind - launched a book titled 'Ambedkar and Modi: Reformer's Ideas Performer's Implementation' on September 16.
- ✓ The book illustrates **life, works and achievements of Dr. B.R Ambedkar.**

It presents a convergence between the ideals of **Dr. Ambedkar and New India's development journey.**

➤ **Manam Niraintha Makkal Sevai**

- ✓ New book offers a peep into gubernatorial role in India.
- ✓ Manam Niraintha Makkal Sevai, a memoir of M.M. Rajendran, former Governor of Odisha, will be a reference point for a range of readers from students and civil service aspirants to those serving in public office, Tamil Nadu Governor R.N. Ravi.

Important Books and Author

Books Name	Author
Science Behind Suryanamaskar	Dr Munjpara Kalubhai
The Hero of Tiger Hill	Subedar Major Yogendra Yadav
Ambedkar and Modi - Reformer's Ideas Performer's Implementation	Released by former President of India Ram Nath Kovind
The Hero of Tiger Hill	Subedar Major Yogendra Singh Yadav
Free Fall: My Experiments with Living	Mallika Sarabhai
India's Economy From Nehru To Modi:: A Brief History	Pulapre Balakrishnan
Rusty Skies & Golden Winds	Sannidhya Sharma
A New India: Selected Writings 2014-19	Launched by M Venkaiah Naidu
Lockdown Lyrics (a collection of poems)	<ul style="list-style-type: none"> • Sanjukta Dash • Released by Odisha CM Naveen Patnaik
<ol style="list-style-type: none"> 1. 'Moods, Moments and Memories. 2. 'The First Citizen' 3. 'Interpreting Geometries - Flooring of Rashtrapati Bhavan' 	<p>These three books released by Union Information and Broadcasting Minister Anurag Thakur.</p> <p>It showcasing some of the rarest photographs of outgoing President Ram Nath Kovind and his predecessors.</p>
Dilip Kumar: In the Shadow of a Legend	Faisal Farooqui
'Beyond The Misty Veil, Temple Tales of Uttarakhand'	Aradhana Johri

	Released by Uttarakhand CM Pushkar Singh Dhami
The McMahon line: A century of discord	JJ Singh (former Governor of Arunachal Pradesh and former Chief of Army Staff General).
Swadhinata Sangram Na Surviro	Meenakshi Lekhi (Union Minister of State for External Affairs and Culture)
'Connecting through Culture',	Launched by External Affairs Minister S. Jaishankar
Mind Master: Winning Lessons from a Champion's Life	Viswanathan Anand
The Winning Formula for Success	Vinit Karnik
'Paramardham' (A Book in Telugu)	K R B H N Chakravarthi, Secretary of State Election Commission, Andhra Pradesh (AP)
INDO-PAK WAR 1971-Reminiscences of Air Warriors	Book Edited by: Air Marshal Jagjeet Singh and Group Captain Shailendra Mohan.
Listen to Your Heart: The London Adventure	Ruskin Bond
Leaders, Politicians, Citizens: Fifty Figures Who Influenced India's Politics	Rasheed Kidwai
A Place Called Home	Preeti Shenoy, a bestselling author
The Struggle for Police Reforms in India: Ruler's Police to People's Police	Prakash Singh, former IPS officer
Crunch Time: Narendra Modi's National Security Crises	Dr Sreeram Chaulia
Queen of Fire	Devika Rangachari

Birsa Munda – Janjatiya Nayak	Prof. Alok Chakrawal
Tiger of Drass: Capt. Anuj Nayyar, 23, Kargil Hero	Meena Nayyar
The Boy Who Wrote a constitution: A play for Children on Human Rights	Rajesh Talwar
Modi@20: Dreams Meet Delivery [It highlights the political life of PM Narendra Modi's past 20 years, ranging from his tenure as Gujarat Chief Minister (CM) to PM of India]	Released by BlueKraft Digital Foundation
The Shield: Covishield	Prakash Kumar Singh [Director, Government and Regulatory Affairs at Serum Institute of India(SII)]
Indian Agriculture towards 2030	Released by Union Minister of Agriculture and Farmers' Welfare (MoA &FW) Narendra Singh Tomar
Climate Hazards and Vulnerability Atlas of India- State: Tamil Nadu	Launched by India Meteorological Department (IMD)
The Little Book of Joy	Dalai Lama and Archbishop Desmond Tutu [14th Dalai Lama – Tenzin Gyatso]
Wrist Assured: An Autobiography	Autobiography of Former Indian cricket captain GundappaRanganatha Vishwanath Co-author – Senior journalist R Kaushik
Empowering Citizens Powering India	Released by Union Minister of Rural Development and Panchayati Raj,

	Giriraj Singh
Role of Labour in India's Development	Released by Labour Minister Bhupendra Yadav
The Queen of Indian Pop: The Authorised Biography of Usha Uthup [Hindi title "Ullas Ki Naav".]	Vikas Kumar Jha
WISE-KIRAN: At a Glance [featuring the success stories of 75 women scientists in the Intellectual Property Rights (Women Scientist Scheme-C (WOS-C) programme).]	Released by Dr Jitendra Singh
Ungalil Oruvan -1	Autobiography of Tamil Nadu CM Muthuvel Karunanidhi Stalin a.k.a MK Stalin Published by - Poompuhar Pathippagam.
The Great Tech Game: Shaping Geopolitics and the Destinies of Nations	Anirudh Suri, founding partner and Managing Director (MD) of India Internet Fund
The Blue Book: A Writer's Journal	Amitava Kumar
"Monsoon"- A Poem of Love & Longing	Abhay Kumar (pen name Abhay K)
The Crossing	Manjeet Mann, an Indian origin
India, That is Bharat: Coloniality, Civilisation, Constitution	J Sai Deepak
Prakrtik, Vaidik avem Jaivik Kheti	Published by - Chudamani Sanskrit Sansthan
Dignity in a Digital Age: Making Tech Work for All of Us	Ro Khanna
Fearless Governance	Kiran Bedi, Former Lieutenant (Lt) Governor of Puducherry and retired

	IPS officer
Golden Boy Neeraj Chopra	Navdeep Singh Gill
The Class of 2006: Sneak Peek into the Misadventures of the Great Indian Engineering Life	Akash Kansal
Atal Bihari Vajpayee	Sagarika Ghose, Senior journalist and columnist
India-Africa Relations: Changing Horizons	Ambassador Rajiv Kumar Bhatia
Last Among Equals: Power, Caste & Politics in Bihar's Villages	M.R. Sharan, Assistant Professor at the University of Maryland
A History of Sriniketan: Rabindranath Tagore's Pioneering Work in Rural Construction	Uma Das Gupta
How to Prevent the Next Pandemic	Bill Gates, the co-founder of Microsoft Corporation
A Nation to Protect	Priyam Gandhi-Mody
Gandhi's Assassin: The Making of Nathuram Godse and His Idea of India	Delhi-based journalist Dhirendra K. Jha
The \$10 Trillion Dream	former finance secretary : Subhash Chandra Garg
A Little Book of India: Celebrating 75 years of Independence	Ruskin Bond
The Legend of Birsa Munda	Tuhin A Sinha • Co-authored by - Ankita Verma • Released by - Governor of Maharashtra , Bhagat Singh Koshyari
India's Women Unsung Heroes	Prepared by the Ministry of Culture

in collaboration with Amar Chitra
Katha

Operation Khatma

Journalists RC Ganjoo and Ashwini
Bhatnagar

Bose: The Untold Story of An
Inconvenient Nationalist

Biography by - Chandrachur Ghose



SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **Hottest March**

- ✓ The month of March 2022 – remained as the **hottest March in India's recorded history since 1901**, as per the data of India Meteorological Department (IMD).
- ✓ The month this year surpassed the all-time average maximum temperature record of March 2010.
- ✓ India's average monthly day temperature during the month in 2010 had surged to 33.09°C. March 2022, however, recorded 33.1°C as its average monthly day temperature, surpassing all past heat records for the month.

➤ **Geomagnetic Storm**

- ✓ A geomagnetic storm is expected to hit the Earth today on April 7.
- ✓ The storm was caused by a filament eruption from the Sun on March 3 rd. NOAA has categorized the geomagnetic storm as G1, which means that it is a minor storm.
- ✓ A geomagnetic storm can cause **fluctuations in power grids, have a minor impact on the satellites in the Low Earth Orbit and raise auroras** to higher altitudes.

➤ **Near-Identical Twin - Jupiter**

- ✓ Astronomers - have discovered a planet that is nearly identical to Jupiter, circling a star 17,000 light-years away from the Earth.
- ✓ The **5th planet in our solar system** - the Jupiter - is known for its bright colours and dominated by a **massive swirl of storm**.
- ✓ In terms of mass, the exoplanet, dubbed **K2-2016-BLG-0005Lb**, is nearly the same as Jupiter.

➤ **Polycentric Prosthetic Knee**

- ✓ The researchers from **IIT Madras** - launched the **country's first indigenously developed polycentric prosthetic knee**.
- ✓ The newly developed knee can bend more, offers stability while walking and costs just one-fifth of imported devices.
- ✓ Named '**Kadam**' (**footstep**), the four-bar knee joint provides a knee bend of 160 degrees or more so users can sit in cramped places such as buses, autos and cabs.

➤ **Axiom-1 (Ax-1) Mission**

- ✓ In a historic development, the crew members of the Axiom-1 (Ax-1) mission - are all set to enter the **International Space Station (ISS)**.
- ✓ On April 8, the combined mission of the National Aeronautics and Space Administration (NASA) and Axiom Space was successfully launched to the International Space Station in SpaceX's Dragon capsule 'Endeavour' atop a Falcon 9 rocket.
- ✓ The mission is the **first-ever all-private spaceflight to carry astronauts to the International Space Station.**

➤ **Legal Rights to Wild Animals**

- ✓ Ecuador has become the first country to give legal rights to wild animals.

➤ **First made in India Dornier Aircraft**

- ✓ The Minister of Civil Aviation Jyotiraditya M. Scindia flagged off the **first flight of Made in India HAL Dornier Do-228** on 12 April 2022.
- ✓ The flight will be operational from **Dibrugarh in Assam to Pasighat in Arunachal Pradesh** and finally to Lilabari in Assam.

➤ **Mynvax: India's Prospective Warm Vaccine**

- ✓ In India, a prospective **vaccine against COVID-19 or SarsCov2** is being developed that **doesn't require refrigeration or stored in cold-chain storage.**
- ✓ This 'warm' vaccine is being developed by **Mynvax laboratories, a Bengaluru-based company** that was incubated at the **Indian Institute of Science Bangalore.**

➤ **Radio Aksh**

- ✓ **India's first radio channel for visually-impaired people launched.**
- ✓ The country's first-ever radio channel for the visually impaired, named 'Radio Aksh' has been **launched in Nagpur.**
- ✓ It will help the visually-impaired gain seamless access to education resources and audiobooks.

➤ **Space Bricks**

- ✓ A team from the **Indian Institute of Science (IISc)** and the **ISRO** - has developed a new technique to make "space bricks" using **Martian Simulant Soil (MSS).**

- ✓ The team has demonstrated that Microbial Induced Calcite Precipitation (MICP) – where, under right conditions, certain bacteria precipitate calcium carbonate – can create bricks using MSS.
 - ✓ The discovery has the potential of aiding construction of future settlements on Mars.
- **Actinimenes koyas**
- ✓ Scientists discovered a **new species of shrimp in Lakshadweep**. Scientists of ICAR-National Bureau of Fish Genetic Resources (NBFGR) have discovered a new species of shrimp.
 - ✓ This new species has been named 'Actinimenes koyas' in honour of the local community on the Lakshadweep islands.
- **ISRO 2024 Venus Mission**
- ✓ The Indian Space Research Organisation will send a spacecraft to orbit Venus to study what lies below its surface, the space body's Chairperson S Somnath announced.
 - ✓ ISRO is expecting to launch the mission by December 2024 with an orbital manoeuvre planned for a year after that.
- **Slender Loris**
- ✓ Slender Loris, an endangered animal protected under **Schedule 1** of the **Wildlife Protection Act, 1972**, is set to get enhanced protection and habitat conservation once Tamil Nadu issues a government order declaring the forest areas bordering Karur, Dindigul and Tiruchi districts a Slender Loris Wildlife Sanctuary.
- **Cyclone Asani**
- ✓ On May 9th the Indian Meteorological Department (IMD) said that the severe cyclonic storm 'Asani' is likely to weaken in the next 48 hours.
 - ✓ Asani is the first cyclonic storm of the season.
 - ✓ Asani means 'wrath' in **Sinhalese (Srilankan language)**.
- **Sagittarius A**
- ✓ Astronomers - announced the presence of a **supermassive black hole**, known as Sagittarius A*, **at the centre of Milky Way galaxy**.
 - ✓ It's the **first direct observation** confirming the presence of the black hole
 - ✓ Black holes are regions of space where the pull of gravity is so intense that nothing can escape, including light.

➤ **PHESGO**

- ✓ Multinational pharma giant Roche - has announced the launch of a new drug 'PHESGO' for the treatment of **breast cancer patients**.
- ✓ PHESGO is a combination of Perjeta (pertuzumab) and Herceptin (trastuzumab) with hyaluronidase
- ✓ It is the **world's first-ever subcutaneous fixed-dose** formulation in the history of cancer treatment.

➤ **Human-Rated Solid Rocket Booster (HS200)**

- ✓ **ISRO** - successfully completed the static test of human-rated solid rocket booster (HS200) for the **Gaganyaan programme** at the Satish Dhawan Space Centre (SDSC), Sriharikota, on May 13.
- ✓ Based on the successful launch pedigree of this launch vehicle, including **Chandrayaan-2, the GSLV-Mk3** has been identified as the **launcher for Gaganyaan mission**.

➤ **5G testbed**

- ✓ Prime Minister Narendra Modi - inaugurated the **country's first 5G testbed** recently at the silver jubilee celebrations of the **Telecom Regulatory Authority of India (TRAI)** held through video conferencing on May 17.
- ✓ The testbed will enable startups and industry players to test and validate their products locally and reduce dependence on foreign facilities.

➤ **Sela Macaque**

- ✓ **New Arunachal monkey** named after Sela pass.
- ✓ A new species of old world monkey, "The Sela Macaque" was geographically separated from the Arunachal Macaque by the Sela, an eastern Himalayan pass located at an altitude of 13,700 feet.

➤ **PARAM PORUL Supercomputer**

- ✓ Param Porul is a state-of-the-art supercomputer dedicated to the nation at **NIT Tiruchirappalli**.
- ✓ PARAM PORUL supercomputing facility is established under **Phase 2** of the **National Supercomputing Mission**.
- ✓ PARAM Siddhi-AI is the **fastest supercomputer** in India built under NSM with a capacity of 5.26 Petaflop.

➤ **Russia tests Zircon Missile**

- ✓ Russia on Saturday successfully tested **Zircon hypersonic cruise missile**.
- ✓ The missile was fired from the Admiral Gorshkov frigate stationed in the Barents Sea and hit a target stationed 1,000 km away in the White Sea in the Arctic, the Defence Ministry said.

➤ **Closeby Habitable Exoplanet Survey' (CHES)**

- ✓ **Chinese scientists** - have proposed a space project by the name 'Closeby Habitable Exoplanet Survey' (CHES) to find out habitable exoplanets for possible colonisation of space.
- ✓ Under the project, the Chinese space agency will survey the sky with a space-borne telescope to find a planet which may be habitable for humans.

➤ **World's Fastest Supercomputer**

- ✓ **Frontier**, a supercomputer built by the USA, outperformed **Japan's Fugaku to become the world's fastest supercomputer**.
- ✓ Frontier is built for the U.S. Department of Energy's Oak Ridge National Laboratory and it has reached Linmark benchmark score of 1.1 exaflops.
- ✓ It has also become **the world's first supercomputer to break the exascale speed barrier**.

➤ **Liquid Mirror Telescope**

- ✓ India - has set up its **first-ever 'liquid mirror telescope'** at **Devasthal Observatory in nainital district of Uttarakhand**.
- ✓ This is the **largest International Liquid Mirror Telescope (ILMT) of Asia**, which is installed at a height of 2,450 metres in the Himalayas. It has been placed at the Devasthal Observatory campus of Aryabhata Research Institute of Observational Sciences (**ARIES**).

➤ **Geologic Map of the Moon**

- ✓ **China** - has released a new comprehensive and detailed geologic map of the moon.
- ✓ The high resolution topographic map was created based on data from China's lunar exploration **Chang'e project**.
- ✓ The new comprehensive geologic map of the moon is to a scale of 1:2,500,000 and the "most detailed to date".
- ✓ It is expected to make a great contribution to scientific research, exploration and landing site selection on the moon.

➤ **Mawsynram**

- ✓ Meghalaya's Mawsynram – **the world's wettest place - recorded the highest ever single-day rainfall on June 17.**
- ✓ The amount of rain recorded at Mawsynram from 8.30am on June 16 to 8.30am on June 17 is 16 times higher than the average weighted rainfall in India in June so far.
- ✓ The 24-hour rainfall recorded at Mawsynram was a massive 1003.6mm, surpassing the previous record of 945.4mm on June 7, 1966.
- ✓ **Cherrapunjee, the second-wettest place on earth**, got 972mm, its third-highest single-day rainfall on the same day.

➤ **DAVINCI+ and VERITAS**

- ✓ **NASA** - has selected **two missions to the planet Venus**, Earth's nearest neighbor and the second planet from Sun.
- ✓ The missions are called **DAVINCI+** and **VERITAS**.
- ✓ **DAVINCI+** is short for '**Deep Atmosphere Venus Investigation of Noble gases, Chemistry, and Imaging**'.
- ✓ The second mission called **VERITAS** is short for '**Venus Emissivity, Radio Science, InSAR, Topography, and Spectroscopy**'.

➤ **World's Largest Bacterium**

- ✓ The world's largest known bacterium has been **recovered in Guadeloupe in the Lesser Antilles**. This bacteria is about **1 centimetre in length**.

The giant **white bacterium** was found lurking on the rotting leaves sunken in the swamp. This latest discovery is the first that is visible to the naked eye and it is in the form of white filaments.

➤ **Utricularia furcellata**

- ✓ The **Botanical Survey of India** and the forest department of **Uttarakhand** -have discovered a **carnivore plant, Utricularia furcellata**, in Uttarakhand's Mandal, **Chamoli district**, at an altitude of around 4,800 feet.
- ✓ This is the **first time** that the plant has been spotted anywhere in the **entire western Himalayas**.
- ✓ The recent discovery of the plant has been documented by '**Japanese Botany**', a 104-year-old prestigious Japanese journal.

➤ **GSAT-24 Satellite**

- ✓ The GSAT-24 satellite - was successfully launched by **French company Arianespace** on its Ariane 5 space launch vehicle from Kourou in French Guiana on June 23.

Built by Indian Space Research Organisation (**ISRO**) for **NewSpace India Limited (NSIL)**, **GSAT-24** is a **24-Ku band communication satellite** weighing **4180 kg** with pan-India coverage for meeting **DTH application needs**.

➤ **Largest Freshwater Fish in the World**

- ✓ Guinness World Records - officially confirmed a 13-foot-long, 293 kg stingray found in **Cambodia's Mekong River** earlier this month as the largest freshwater fish in the world.
- ✓ The female giant freshwater fish was caught by fishermen in the Stung Treng district of northern Cambodia on June 13.

➤ **PSLV-C53**

- ✓ The Indian Space Research Organisation - successfully launched **PSLV-C53** which placed **three Singapore satellites** into their respective orbits.
- ✓ **The fourth stage of the rocket** then turned into an orbital platform for scientific experiments as it began to circle the earth.

AzaadiSAT

- ✓ Indian Space Research Organisation (**ISRO**) - is all set to launch **AzaadiSAT**, a **nanosatellite and technology demonstrator on communications during disasters on August 15**.
- ✓ A total of 750 girl students from 75 government schools across the country are involved in the making of satellite and it will be integrated as a **single satellite at Anna University**.

➤ **Pivot**

- ✓ Researchers at **IIT Madras** - have developed a path-breaking tool that can **identify cancer-causing genes** in individuals.
- ✓ The **Artificial Intelligence-based tool** called 'Pivot' will help doctors devise personalised treatment strategies for patients based on their genetic profile.

➤ **POP-FAME**

- ✓ Scientists at the US Lawrence-Berkeley Lab - have developed a **fuel from a bacterium** of the genus **Streptomyces** that provides more energy than even the rocket fuels in use currently.
- ✓ The scientists have named the **new fuel 'POP-FAME'**, which stands for **polycyclopropanated fatty acid methyl ester**.

➤ **New Space India Ltd (NSIL)**

- Ten in-orbit operational communication satellites - have been transferred from the government to **space PSU New Space India Ltd (NSIL) to push space reforms**.
- ✓ The ten communication satellites includes – Gsat-8, Gsat-10, Gsat-12R (CMS-01), Gsat-14, Gsat-15, Gsat-16, Gsat-17, GSAT-18, Gsat-30 and Gsat-31.
- ✓ The transfer is part of the space sector reforms aimed at strengthening the role of NSIL to enhance the nation's share in global space economy.

➤ **Surgical Robotic System**

- ✓ **Rajiv Gandhi Cancer Institute and Research Centre of New Delhi** have installed the **first-ever Made-in-India Surgical Robotic System**.
- ✓ The device named **"SSI-Mantra"**.
It is a brainchild of World-renowned **robotic cardiac surgeon Dr Sudhir P Srivastava**.

➤ **Samantha Cristoforetti**

- ✓ Italian Samantha Cristoforetti - became **the first European woman astronaut to embark on a spacewalk outside the International Space Station on July 21**.
- ✓ Cristoforetti was joined by Russian cosmonaut Oleg Artemyev on the spacewalk
The pair spent six and half hours over 400km above Earth.

➤ **Imvanex**

- ✓ The European Commission - has approved a **smallpox vaccine, Imvanex**, for use against **monkeypox**.
- ✓ On July 23, the WHO declared the monkeypox outbreak, which has affected nearly 16,000 people in 72 nations, to be a **global health emergency** – the highest alarm it can sound.
Imvanex is the only vaccine to have won approval for the prevention of monkeypox disease in the US and Canada.

➤ **Sakurajima Volcano**

- ✓ **Japan's Sakurajima** volcano, located on the island of Kyushu, erupted, prompting evacuations in the region.
- ✓ The authorities have raised the alert level to the highest level of 5. It is now officially the **largest explosive eruption** of the 21st century.

➤ **James Webb Telescope**

- ✓ James Webb Telescope, the **world's most powerful telescope**, has discovered the **oldest galaxy** in the universe.
- ✓ The telescope spotted galaxy candidates that existed when the universe was just 300 million years old.
- ✓ Spotted the oldest galaxies in the universe - **GLASS-z11 and GLASS-z13**.

➤ **Agnikul Cosmos opened India's first rocket engine factory in Chennai**

- ✓ Facility will use **additive manufacturing technology** to build **3D printed rocket engines** and produce engines for its own in-house rockets
- ✓ Unveiled by Tata Sons chairman N Chandrasekaran and ISRO chairman S Somanath in the presence of Pawan Goenka, the chairman of IN-SPACe (Indian National Space Promotion and Authorization Centre).

➤ **GOAL (Going Online as Leaders)**

- ✓ Launched as a pilot project in May 2020 and it was completed by December 2021.
- ✓ It aimed at **digital empowerment of tribal youth and women** through the concept of mentor and mentee.
- ✓ The programme is fully funded by Meta (Facebook India).
- ✓ Trainings were provided for three pillars:
 - Communication & Life Skills
 - Enabling Digital Presence
 - Leadership & Entrepreneurship.

➤ **Environmental Insights Explorer (EIE)**

- ✓ **Aurangabad in Maharashtra** - has become the **first city** in the country to witness the official release of the Environmental Insights Explorer (EIE) data from Google.
- ✓ The EIE dashboard for Aurangabad was launched by Google in New Delhi recently.

✓ Google has developed a feature called EIE, which helps cities measure the **carbon emission sources**, conduct analysis and identify strategies to reduce emissions that help counter air pollution.

➤ **Russia Launches Iranian Satellite**

✓ A Russian rocket successfully launched an Iranian satellite into orbit. The **Soyuz rocket** lifted off as scheduled at 8.52 a.m. Moscow time (0552 GMT) from the Russia-leased Baikonur launch facility in Kazakhstan. About nine minutes after the launch, it placed the Iranian satellite called **Khayyam** into orbit. It's named after **Omar Khayyam**, a **Persian scientist**.

➤ **Low Altitude Escape Motor (LEM)**

✓ On August 10, the Indian Space Research Organisation (Isro) – said it had successfully test-fired the Low Altitude Escape Motor (LEM) of the crew escape system, from Sriharikota.

✓ The Crew Escape System (CES) takes away the Crew module of **Gaganyaan mission** in case of any eventuality and rescues the astronauts.

In case of mission-abort during the initial phase of flight, LEM provides required thrust to CES, to take away Crew Module from the launch vehicle.

➤ **Thylacine or Tasmanian Tiger**

✓ Scientists in the US and Australia have embarked on a **\$15-million project** to resurrect the thylacine or Tasmanian Tiger, a marsupial that went extinct in the 1930s, using **gene-editing technology**.

✓ The ambitious project aims to reintroduce the animal to its native place Tasmania to revive the region's lost ecological balance.

➤ **Xylitol**

✓ Sugar substitute "Xylitol".

✓ **IIT Guwahati** have created a **fermentation process** that uses ultrasound to safely generate Xylitol from **sugarcane bagasse**. It is the by-product of crushing sugar cane.

✓ This approach gets over the operational constraints of chemical synthesis and the time lags of traditional fermentation.

➤ **CERVAVAC**

- ✓ Union Minister of Science and Technology, Dr Jitendra Singh - launched **India's first indigenously developed vaccine "CERVAVAC"** for the prevention of **cervical cancer at India International Centre, New Delhi** on September 1.
- ✓ On June 15, the Drugs Controller General of India (DCGI) Subject Expert Committee had approved the **Quadrivalent Human Papillomavirus vaccine (qHPV) vaccine** for cervical cancer patients above 9 years to 26 years of age.

➤ **Synergy**

- ✓ **Indian Computer Emergency Response Team (CERT-In)** under the Ministry of Electronics and IT - has recently designed and conducted a **Cyber Security Exercise "Synergy"** with the participation of 13 Countries.
- ✓ It was aimed at exchanging best practices among member-states to build network resiliency against ransomware and cyber extortion attacks. The **theme** of the exercise was **"Building Network Resiliency to counter Ransomware Attacks"**.

➤ **Space Expo 2022 (BSX-2022)**

- ✓ On September 5, **Isro chairman S. Somanath** - inaugurated the **7th edition of Bengaluru Space Expo 2022 (BSX-2022)**.
- ✓ The three-day exhibition will have participants from over 100 companies and organisations from around ten countries.
- ✓ Australia is the main partner-country for the third year in a row **at the Bengaluru Space Expo 2022**.
- ✓ The conference, attended by over 1000 delegates, has been organised with **"Nurturing New Space in India"** as its main theme.

➤ **ChAd36-SARS-CoV-S COVID-19**

- ✓ **India's first nasal COVID-19 vaccine, developed by Bharat Biotech**, has been approved for primary immunisation in those 18 and above.
- ✓ The company noted that the **ChAd36-SARS-CoV-S COVID-19 (Chimpanzee Adenovirus Vectored) recombinant vaccine** has been evaluated to determine its impact on safety.

➤ **First Inhalable Covid-19 Vaccine Ad5-nCoV**

- ✓ **China** - has become the first country to approve a needle-free, inhaled version of a Covid-19 vaccine.

- ✓ Chinese drug regulators have approved the world's first inhalable Covid-19 vaccine **Ad5-nCoV**, made by Tianjin-based manufacturer CanSino Biologics.
- ✓ The National Medical Products Administration gave the go-ahead for the non-invasive vaccine named 'Convidecia Air' for emergency use as a booster.
- ✓ Its initial one-shot was found to be 66% effective in preventing Covid-19 symptoms and 91% effective against severe disease.

➤ **Dark Sky Reserve**

- ✓ In a **first-of-its-kind initiative**, the **Department of Science & Technology (DST)** has announced the setting up of **India's first Dark Sky Reserve at Hanle in Ladakh** in the next three months.
- ✓ Hanle, which is about 4,500 metres above sea level, hosts telescopes and is regarded as one of the **world's most optimal sites for astronomical observations**.

➤ **Agnikul Cosmos**

- ✓ Agnikul Cosmos, one of India's private space startups, has secured its **first patent for the design and manufacturing of its 3D-printed rocket engine**.
- ✓ The patent has been rewarded to the company for its **Agnilet rocket engine**, which will power the company's Agnibaan rocket which is scheduled to launch in late 2022.

➤ **The Indian Institute of Technology, Madras**

- ✓ The Indian Institute of Technology, Madras - has become the **first Indian institution to join the IBM Quantum Network**.
- ✓ The latest collaboration will enable students, researchers and allied enterprises to **use IBM's advanced quantum computing systems to support research and development in the country**.
- ✓ As member of the IBM Quantum Network, IIT Madras will **get cloud-based access to the quantum computers**.
- ✓ These computers **require extremely low temperatures close to zero Kelvin (-273 degree Celsius) facilities**, which are not yet available in the country.

➤ **(FFV-SHEV)**

- ✓ India - will get its **first flex-fuel car** which can run on **ethanol-blended petrol** and **battery** soon.

- ✓ The flex fuel **strong hybrid electric vehicle (FFV-SHEV)** imported from **Brazil** will be used as part of a pilot project to assess its performance in terms of **reduced carbon emission**.
- ✓ The **first flex-fuel car** has already landed in India for research purposes and these vehicles will **hit the Indian market in 2024**.

➤ **World's First Cloned Arctic Wolf 'Maya'**

- ✓ Scientists in China - have successfully created the **world's first cloned arctic wolf 'Maya'**.
- ✓ The clone was developed by researchers working for a Beijing-based gene firm, Sinogene Biotechnology Co. Ltd.
The Arctic wolf, also known as the **white wolf or polar wolf**, is **native to the High Arctic tundra of Canada's Queen Elizabeth Islands**.

➤ **DART Spacecraft**

- ✓ **A Nasa spacecraft** - successfully crashed into an **asteroid** approximately 10.9 million kilometres from Earth in a test to determine if the impact can change the trajectory of space rock slightly off course.
- ✓ Nasa launched its DART spacecraft in November with the **purpose of colliding with an asteroid about the size of a football stadium** at 22,530 km per hour.
- ✓ The mission is Nasa's first demonstration of its **planetary-defence initiative** to protect Earth from the possibility of a hazardous collision with an asteroid.
- ✓ This particular asteroid, called **Dimorphos**, isn't headed towards Earth but was chosen by Nasa to test a deflection technique.

➤ **Rohini RH-200**

- ✓ In a few weeks' time, the Indian Space Research Organisation (ISRO) hopes to achieve a remarkable feat – the **200th successful launch of the Rohini RH-200 sounding rocket in a row**.
- ✓ The 3.5-metre-tall RH-200, a trusted member of the Rohini sounding rocket family used by the ISRO for **atmospheric studies**, has completed 198 consecutive successful flights, according to the **Vikram Sarabhai Space Centre (VSSC), Thumba**.

➤ **Mars Rover Perseverance**

- ✓ Mars rover Perseverance collects four rock samples.

- ✓ Since July, **NASA's Perseverance rover has drilled and collected four slim cores of sedimentary rock**, formed in what was once a river delta on Mars.
- ✓ They are the first of this type of rock to be gathered on another world – and scientists are excited because at least two of the cores probably contain **organic compounds**, which, on Earth, are often associated with living things.
- ✓ If all goes well, the samples will be the first-ever returned from **Mars**.

- **Nilgiri Blue Robin (Sholicola major)**
- ✓ Ask any avid birdwatcher in the Nilgiris about the list of birds that he would like to photograph in his lifetime. **The Nilgiri blue robin (Sholicola major)** would inevitably feature on the list.
- ✓ Listed as “**endangered**” by the **International Union for the Conservation of Nature (IUCN)**, the species, otherwise known as the **Nilgiri Sholakili**, is primarily found in high altitudes of the Shola forests in the Nilgiris.

- **Garuda Aerospace**
- ✓ Chennai-based drone manufacturing company, **Garuda Aerospace** - has received the required approvals from the **Directorate General of Civil Aviation (DGCA)** to **train drone pilots**.
- ✓ With this, the company becomes the **31st Remote Pilot Training Organization (RPTO)** in India.
- ✓ The company now aims to train **one lakh youth across 755 districts on the correct usage of drones for agricultural purposes**.

- **Hurricane Ian**
- ✓ Category 4 storm Ian hit Florida's southwestern coast.
- ✓ As one of the **most powerful storms in the US history**, it has torn apart homes and buildings, leaving some residents stranded.
- ✓ It made landfall near Cayo Costa with the maximum sustained wind **speed of 150 mph, only 7 mph slower than a Category 5** - the highest status of the Saffir-Simpson Hurricane Scale of Hurricane Intensity.

- **India's First Avalanche-Monitoring Radar**
- ✓ The Indian Army and the Defence Geoinformatics and Research Establishment (DGRE) have jointly installed the **Avalanche Monitoring Radar in north Sikkim**.

- ✓ Besides being used for the detection of avalanches, this radar can also be employed to detect landslides.
- ✓ The avalanche radar was made **operational by the Defence Research and Development Organisation's wing DGRE**, which is involved in forecasting and mitigating of avalanche hazards faced by the Indian Army in the Himalayan region.

Sl. No	IIT Name	Related News
1.	IIT Madras	Inspire Institute of Sports (IIS) Bellary have partnered with IIT Madras to develop a software for boxing analytics called 'Smartboxer'
2.	IIT Delhi	IIT Delhi has launched a mobile application 'Ab Prahari' to address waterlogging issues in urban India.
3.	IIT Madras	IIT Madras became the first Indian institution to join IBM Quantum networks.
4.	IIT Madras	Kotak Mahindra Bank Limited has collaborated with IIT Madras to launch 'Save Energy Mission' for energy conservation measures in the micro, small and medium enterprises sector
5.	IIT Madras	IIT Madras launches 'Nilekani Centre at AI4Bharat' to promote Indian language technology
6.	IIT Hyderabad	Scientists at IIT Hyderabad have developed India's first 3D printed artificial cornea.
7.	IIT Hyderabad	Union Minister Dr Jitendra Singh inaugurated first-of-its-kind "Technology Innovation Hub on Autonomous Navigation" facility in IIT Hyderabad
8.	IIT Madras	IIT Madras has developed an artificial intelligence-based tool, PIVOT, which can predict cancer-causing genes in an individual.
9.	IIT Kanpur	IIT Kanpur will install around 1,400 sensors to establish an air-quality network in rural blocks of Uttar Pradesh and Bihar.

10.	IIT Delhi	Recently, Census Data Workstation was inaugurated in IIT Delhi
11.	IIT Madras	IIT Madras has been named the overall best institute for higher education in India, followed by IISc Bangalore and IIT Bombay in the latest edition of the Ministry of Education's NIRF (National Institutional Ranking Framework) rankings.
12.	IIT Kanpur	IIT Kanpur launches "NIRMAAN" accelerator program to focus on manufacturing startups engaged in healthcare and agriculture
13.	IIT Kanpur	Recently, Prasar Bharati signed a Memorandum of Understanding (MoU) with IIT Kanpur to set up a Center of Excellence for Media and Broadcast Technology.
14.	IIT Hyderabad	Recently, Greenco, a renewable energy company, signed a Memorandum of Understanding (MoU) with IIT Hyderabad to launch India's first dedicated school for sustainable science and technology.
15.	IIT Gandhinagar	Recently, Center for Development of Advanced Computing (C-DAC) and IIT Gandhinagar unveiled India's latest supercomputer named 'Param Anant'.
16.	IIT Kharagpur	Researchers at IIT Kharagpur in collaboration with the Indo-Korea Science and Technology Center (IKST) have developed a method called CrysXPP to predict the properties of crystalline materials through machine learning.
17.	IIT Madras	IIT Madras has developed a robot called " HomoSep " that can clean septic tanks without the need for humans.
18.	IIT Madras	IIT Madras developed Integrated Road Accident Database (IRAD) System
19.	IIT Madras	The Ministry of Railways has given its approval to fund IIT Madras to participate in a collaborative

		project on Hyperloop technology.
20.	IIT Madras	Telecom Minister Ashwini Vaishnaw tested India's first 5G audio and video call, entirely designed and developed by IIT Madras
21.	IIT Madras	Researchers at IIT Madras developed India's first indigenously developed polycentric artificial knee called 'Kadam'.
22.	IIT Guwahati	NTPC has collaborated with IIT Guwahati to develop energy-efficient tech to capture CO2.
23.	IIT Hyderabad	IIT Hyderabad hosted the first National Symposium on Quantum Enabled Science and Technology (QuEST)
24.	IIT Roorkee	Theme of the 2nd edition of the 'Roorkee Water Conclave' : Water Security for Sustainable Development
25.	IIT Kanpur	Researchers at IIT Kanpur have developed biodegradable nanoparticles that can protect plants from disease.
26.	IIT Roorkee	Under the National Supercomputing Mission (NSM) Param Ganga supercomputer has been deployed at IIT Roorkee
27.	IIT Madras	IIT Madras found the presence of anthrax in deer carcass inside its campus
28.	IIT Madras	A new inter-disciplinary water management and policy centre known as 'AquaMAP' has been developed by IIT Madras
29.	IIT Delhi	Recently, a joint team of scientists and engineers from DRDO and IIT Delhi successfully demonstrated quantum key distribution (QKD) links
30.	IIT Madras	IIT Madras topped the Atal rankings for Innovation Achievement 2021.

31. IIT Madras

IIT Madras developed India's first indigenous microprocessor named "SHAKTI".

IMPORTANT PARKS, WILDLIFE SANCTUARIES IN CURRENT AFFAIRS

- ❖ Pharmaceuticals Division implements **Bulk Drug Park Promotion Plan** to facilitate the setting up of three (3) **Bulk Drug Parks** at Una (Himachal Pradesh), Bharuch (Gujarat), and East Godavari (Andhra Pradesh)
- ❖ Recently, a first-of-its-kind **urban animal rescue** center was set up in Guindy National Park in Tamil Nadu.
- ❖ Vinai Kumar Saxena has laid the foundation stone of 'Baansera', **Delhi's first multi-purpose bamboo-themed park.**
- ❖ Chhattisgarh has announced the establishment of '**gramin aajeevika parks**' to develop it as a livelihood center for Gauthans.
- ❖ Maharashtra's first "**Divyang Park**" will be established in Nagpur.
- ❖ Recently, Padmaja Naidu Himalayan Zoological Park started a program to release 20 red pandas in Singalila National Park in West Bengal.
- ❖ Delhi announced the development of India's first e-waste eco-park.
- ❖ 8 African cheetahs from Namibia were translocated to India in Kuno-Palpur National Park (KNP) in Madhya Pradesh
- ❖ **North India's first Industrial Biotech Park** has been inaugurated in **Jammu and Kashmir.**
- ❖ **Arignar Anna Zoological Park** is in news, this zoological park is located in **Tamil Nadu.**
- ❖ **Tamil Nadu State Government** is developing a **Biodiversity Park** in **Sirumalai Hill Range.**

- ❖ Recently, the **14th Assam Rhino Census** was conducted in **Manas National Park**.
- ❖ A team of researchers has discovered a **unique set of fossilized dinosaur eggs** at the **Dinosaur Fossil National Park** in **Madhya Pradesh**.
- ❖ **Mongolia's Khuvsgul Lake National Park** has been added to the **World Network of Biosphere Reserves** by **UNESCO**.
- ❖ An invasive weed species is wreaking havoc in **Assam's Kaziranga National Park**.
- ❖ **Karnataka** launched its **first disability-friendly park** at **Jawaharlal Bhawan, Kaban Park**.

North India's First Industrial Biotech Park

- ❖ The Lieutenant Governor of the Union Territory (UT) of Jammu and Kashmir (J&K), **Manoj Sinha**, and **Jitendra Singh**, Minister of State for Science and Technology and Earth Sciences, inaugurated North India's first Industrial Biotech Park at **Ghatti** in the **Kathua District** of **J&K**.
- ❖ It will carry out research on biodiversity, medicinal and aromatic plants of **Jammu and Kashmir**, and **Ladakh**.
- ❖ The project will be implemented by the **Council of Scientific and Industrial Research - Indian Institute of Integrative Medicine, (CSIR-IIIM)** **Jammu**.

National Heroes Park in Kingston

- ❖ Indian President **Ram Nath Kobind** has visited **Jamaica** and **St. Vincent and the Grenadines (SVG)** with his wife **Sabita Kobind**.
- ❖ He has visited the **National Heroes Park** in **Kingston** to pay his tributes to **Marcus Garvey**.

Decentralize Waste Management Technology Park

- ❖ Under the Waste to Wealth Mission a decentralized waste management technology park will be inaugurated in East Jaffrabad, New Delhi.
- ❖ This park will be inaugurated by K. Vijay Raghavan, the central government's principal scientific adviser.
- ❖ It is a pilot project that will provide a variety of solutions for waste management, ranging from on-site compaction and waste treatment to semi-automatic segregation of solid waste.

India's first conservation park for donkeys

- ❖ India's first donkey park has been set up at Leh by Delhi-based social enterprise, Organiko.
- ❖ "We have just 1,20,000 donkeys left in India. In Ladakh, the condition of donkeys is very bad. Donkeys, which were used for transportation and other purposes have been abandoned by their owners. So we are planning to start India's first conservation park for donkeys in Leh," founder of Organiko., Koul said.

Seaweed Park with special economic Zone status

- ❖ India's first of its kind Seaweed Park with special economic Zone status will come up in Tamil Nadu under the PM Kisan Sampada Yojana.
- ❖ The Seaweed Park was inaugurated by the Minister of State for Information and Broadcasting, Fishing, Animal Husbandry, and Dairying Dr L Murugan.
- ❖ The Centre has plans to implement these projects at a cost of 20 thousand crore rupees, under the PM Kisan Sampada Yojana.

India's first AI & Robotics Park (ARTPARK)

- ❖ The country's first Artificial Intelligence and Robotics Technology Park (ARTPARK) has been inaugurated in Bangalore, Karnataka.
- ❖ It is promoted by a non-profit foundation established by the Indian Institute of Science (IISc) Bangalore.
- ❖ The park was built with a capital of Rs. 230 crore from state and central government.

Keoladeo National Park

- ❖ Recently, Boma Technique was adopted at the Keoladeo National Park in Rajasthan for capturing and translocation of spotted deer to Mukundara Hills Tiger Reserve.
- ❖ Keoladeo National Park or Keoladeo Ghana National Park is formerly known as the Bharatpur Bird Sanctuary in Bharatpur, Rajasthan, India.
- ❖ It was declared a protected sanctuary in 1971 and established as a national park on 10 March 1982. It is also a World Heritage Site.

Dandeli Crocodile Park

- ❖ India's second and Karnataka's first crocodile park come up at Dandeli, Karnataka.
- ❖ The project, was jointly implemented by the Department of Tourism and the Public Works Department.
- ❖ The park was inaugurated by MLA R V Deshpande near Dandelappa temple.

The country's first geo park

- ❖ The Geological Survey of India (GSI) has approved the setting up of the country's first geo park at Lamheta village on the banks of the Narmada river in Jabalpur district of Madhya Pradesh.
- ❖ The first dinosaur fossil was collected from the Lameta Bed by Indian Civil Service (ICS) officer William Sleeman.

Aravalli Biodiversity Park

- ❖ 2 February, on the occasion of World Wetlands Day, the Aravalli Biodiversity Park was declared India's first "other effective area-based conservation measures" (OECM) site.
- ❖ Vineet Kumar Garg, the chairman of the Haryana State Biodiversity Board, said, "The OECM tag is given by the [International Union for Conservation of Nature \(IUCN\)](#) to areas that are not protected but support rich biodiversity.

Kerala's first caravan park

- ❖ Kerala's first caravan park is being built at Vagamon a picturesque hill station in the Idukki district.
- ❖ The park will be opened to the public as part of the state government's new caravan tourism policy.
- ❖ Caravan Tourism was introduced by the state tourism department as a safe way to spend a holiday at a time when people could not go out or travel due to the prevalence of COVID-19.

Himachal Pradesh's first biodiversity park

- ❖ Himachal Pradesh gets its first biodiversity park to contribute to endangered Himalayan herbal conservation.
- ❖ The park is being built in the Mandis Bhulah Valley. The biodiversity park has been set up by the Himachal Pradesh Forest Department at a cost of Rs 1 crore under the National Mission on Himalayan Studies (NMHS).
- ❖ The purpose of the park is to expand new opportunities for researchers to conduct in-depth exploration of various endangered medicinal herbs found in the Himalayas, as well as to connect tourism activities.

India's first e-waste eco-park

- ❖ The Delhi cabinet has approved the setting up of India's first-ever e-waste eco-park. It also agreed to formulate 'Delhi Film Policy 2022' to promote tourism.
- ❖ The electronic waste, eco-friendly park is to be built on 20 acres of land in Delhi.
- ❖ Nearly, 2 lakh tonnes of e-waste are thrown by Delhi every year.
- ❖ This eco-park will recycle, refurbish and dismantle e-waste in a scientific and safe way.
- ❖ The e-waste eco-friendly park will be set up on 20 acres of land in Delhi.
- ❖ Nearly, 2 lakh tons of e-waste are dumped in Delhi every year
- ❖ This eco-park will recycle and remove e-waste in a scientific and safe way.

Orang National Park

- ❖ Recently, the Assam government has decided to increase the size of Orang National Park more than thrice of its existing size for conserving Gharials.
- ❖ Orang National Park is located on the northern bank of the Brahmaputra River in the Darrang and Sonitpur districts of Assam.
- ❖ It covers an area of 79.28 km² (30.61 sq mi).
- ❖ It was established as a sanctuary in 1985 and declared a national park on 13 April 1999.
- ❖ Some of the key species of Orang National Park are great Indian rhinoceros, pygmy hog, Asian elephant, and wild water buffalo.

Van Vihar National Park

- ❖ India's oldest sloth bear, Gulabo, died at the Van Vihar National Park.
- ❖ The Van Vihar National Park is a national park in Bhopal, Madhya Pradesh.
- ❖ It was declared a national park in 1979, covering an area of about 4.45 km².

Bhitarkanika National Park

- ❖ Recently, a rare albino salt-water crocodile has been found at Bhitarkanika National Park.
- ❖ The Bhitarkanika National Park is located in northeast Kendrapara district in Odisha in eastern India.
- ❖ It was designated as a Ramsar site on 19 August 2002.
- ❖ The park is surrounded by Bhitarkanika Wildlife Sanctuary, which is spread over 672 km² (259 sq mi).
- ❖ The national park is home to Saltwater crocodile, Indian python, king cobra and black ibis.

SPORTS

➤ **FIFA World Cup 2022**

- ✓ The draw for the 22nd edition of the FIFA World Cup 2022 - concluded at Doha, capital of the host country **Qatar** on April 1.
- ✓ The tournament will run from November 21 to December 18 in Qatar, the **first time ever the soccer world cup hosted in the Middle East.**
- ✓ FIFA has unveiled **La'eeb** as the official mascot for this year's FIFA World Cup Qatar 2022.
- ✓ La'eeb is an Arabic word meaning **super-skilled player.**

➤ **ICC Women's Cricket World Cup 2022**

- ✓ **Australia won** ICC Women's Cricket World Cup 2022.
- ✓ After defeating England by 71 runs in Christchurch, Australia has won the 2022 ICC Women's Cricket World Cup.
- ✓ In women's cricket, Australia has won 7 of the 12 World Cups that have been held.

➤ **PSA World Doubles Squash Championships**

- ✓ India - **bagged their first-ever gold medals in PSA** World Doubles Squash Championships in Glasgow, Scotland on April 9.
- ✓ **Dipika Pallikal** combined with **Saurav Ghosal** and **Joshna Chinappa** to clinch twin gold medals for the country in mixed and women's doubles respectively.

➤ **International School Sports Federation (ISF) Gymnasiade 2022**

- ✓ **Melur girl** qualifies for sports event abroad.
- ✓ **Ananthi**, a beach volleyball player from Melur, has qualified for the International School Sports Federation (ISF) Gymnasiade 2022, to be held at Normandy in France between May 13 and 28.

➤ **71 Senior National Basketball Championship**

- ✓ Tamil Nadu men - registered a comprehensive win over Punjab to regain the senior National basketball crown at the Nehru Indoor Stadium in Chennai on April 10.
- ✓ This was Tamil Nadu's 10th National title.
- ✓ Tamil Nadu finished third in the women's event.

➤ **Reykjavik Open Chess Tournament**

- ✓ **GM R Praggnanandhaa** - won the prestigious Reykjavik Open chess tournament in **Iceland** on April 12.
- ✓ In the nine round swiss tournament, R Praggnanandhaa defeated compatriot GM D Gukesh in the final round to win the 5,000-euro first prize (\$5,413).
- ✓ It has to be recalled that **R Praggnanandhaa defeated World Champion Magnus Carlsen in the eighth round of the online rapid chess tournament, Airthings Master in February 2022.**

➤ **2026 Commonwealth Games**

- ✓ **Australian state of Victoria** will host the 2026 Commonwealth Games.
- ✓ The 2026 Commonwealth Games will be organized in the Geelong, Ballarat, Bendigo and Gippsland towns of Victoria State.
- ✓ The **opening ceremony** will be held at the **Melbourne Cricket Ground.**

➤ **Street Child Cricket World Cup 2023**

- ✓ **India** will host Street Child Cricket World Cup 2023.
- ✓ 22 teams from 16 countries will come to India to participate in Street Child Cricket World Cup next year.
- ✓ The event will be held in September before the ICC World Cup.
- ✓ The world cup is organized by **Street Child United** (a UK-based charity) and **Save the Children India.**

➤ **48th Open Ajedrez La Roda Chess Tournament**

- ✓ **D Gukesh, the third youngest Grandmaster in the world** - has won the 48th Open Ajedrez La Roda chess tournament at La Roda in Spain.
- ✓ Gukesh remained unbeaten in the nine rounds tournament, winning seven games and drawing two.

➤ **Danish Open - Swimming**

- ✓ The 16-year-old son of actor R Madhavan, Vedaant Madhavan - won a gold and a silver in 800m and 1500m freestyle swimming events at the on-going **Danish Open in Copenhagen.**
- ✓ India now has a haul of three medals in the ongoing meet including two gold's and a silver.

➤ **Asian Championships - Wrestling**

- ✓ **India's Sarita Mor** - became the **first woman wrestler** from the country to win a **record fourth Asian Championships medal.**

✓ On April 21, Sarita, hailing from Haryana's Sonapat district, clinched a bronze with a win over Kazakhstan's Diana Kayumova in the Ulaanbaatar continental meet in Mongolia.

➤ **Asian Wrestling Championships**

✓ **Olympic silver medallist Ravi Kumar Dahiya** - became the **first Indian wrestler to claim three successive gold medals in the Asian wrestling championships in Ulaanbaatar, Mongolia, on April 23.**

➤ **83rd Senior National and Inter-State Table Tennis Championships**

✓ Veteran Achanta Sharath Kamal - secured his 10th national title in the men's singles category at the 83rd Senior National and Inter-State Table Tennis Championships that concluded at the SAI Indoor Stadium in Shillong on April 25.

➤ **Asia Badminton Championships**

✓ **P.V. Sindhu** won the **bronze medal** for the **second time** in the Asia Badminton Championships.

✓ She lost to defending champion **Akane Yamaguchi of Japan** in the semifinal.

➤ **IWF Junior World Championships**

✓ On May 2, **Harshada Sharad Garud** - created history to become the **first Indian to win gold medal at the IWF Junior World Championships in Heraklion, Greece.**

✓ She lifted 153-kg in the **45-kg weight category**, which includes 70kg in snatch and 83 kg in clean and jerk to finish on top of the podium.

➤ **75th Santosh Trophy**

✓ Kerala - were crowned champions of the 75th Santosh Trophy at the Payyanad Stadium in Manjeri, Malappuram on May 2.

✓ It was Kerala's seventh Santosh Trophy.

➤ **Deaflympics**

✓ **Dhanush Srikanth** - became the **first Indian to win a gold medal** at the Deaflympics on May 5.

✓ The 19-year old **shooter from Telangana**, clinched the gold medal in the men's 10m air rifle event at the 24th Deaflympics in Caxias do Sul, Brazil, after shooting a world-record score in the final.

➤ **Chessable Sunway Formentera Open Chess Tournament**

- ✓ On May 8, Indian Grandmaster D Gukesh - emerged champion in the 1st 1 in Spain.
- ✓ It was a hattrick of titles for him after he had previously won the La Roda tournament and the Menorca Open in recent weeks.

➤ **Jerlin Anika**

- ✓ On May 12, Tamil Nadu's Jerlin Anika - won **three gold medals in the women's singles badminton** event in the ongoing 24th **summer Deaflympics at Caxias do Sul in Brazil.**
- ✓ She bagged gold in individual women, mixed doubles and India team events.
- ✓ 18-year old Jerlin Anika of **Villapuram in Madurai** is a special child who can neither hear nor speak.

➤ **Thomas Cup**

- ✓ Indian **Men's Badminton** team has won Thomas Cup for the **first time ever.**
- ✓ It has **defeated 14 times Champions Indonesia in Bangkok** on 15 May 2022.
- ✓ India had never reached the Thomas and Uber Cup final before.
- ✓ It has become the **6th nation to win the Thomas Cup** title after China, Indonesia, Japan, Denmark, and Malaysia.

➤ **Nikhat Zareen**

- ✓ Indian boxer **Nikhat Zareen** - won the **Women's World Championships** held in Istanbul with a 5-0 victory over Thailand's Jitpong Jutamas in the flyweight (52kg) final on May 19.
- ✓ The 25-year old Telangana boxer became only the fifth Indian boxer to win the world title with this victory.

➤ **Asian Cup - Men's Hockey**

- ✓ India defeated Japan 1-0 to win the bronze at the Men's Hockey Asia Cup 2022 in Jakarta, Indonesia.

➤ **Praveen Kumar**

- ✓ Tokyo Paralympian high jumper **Praveen Kumar** - became the **country's first para athlete to finish on top of the podium** in an able-bodied competition.

- ✓ On June 4, Praveen Kumar clinched a sensational **gold at** the 20th National Federation Cup Junior U20 championships in Nadiad, Gujarat.
- ✓ Praveen cleared the height of 2.06m in his second attempt to win the gold in a strong field of 16 able-bodied high jumpers.

- **French Open Championship**
- ✓ World No. **5 Rafael** Nadal - defeated first-time finalist Casper Ruud in straight sets to win his **14th** French Open **championship** and **22nd Grand Slam** title at the Philippe Chatrier in Paris on June 5.
- ✓ 36-year-old Nadal became the **oldest title winner** in the history of the clay-court tournament, going past Andres Gimeno's record of 34 years and 305 days in 1972.

- **Logo & Mascot - 44th Chess Olympiad**
- ✓ Tamil Nadu CM MK Stalin unveiled the mascot and the logo named '**Thambi**' for **FIDE 44th Chess Olympiad** which will commence at **Mamallapuram**
- ✓ 'Thambi' in Tamil means younger brother.
- ✓ The mascot 'Thambi' is a knight dressed in the traditional Tamil attire veshti (Dhoti) with a shirt and is seen with folded hands, apparently extending the Tamil greeting 'Vanakkam'.
- ✓ The words "**Chess Believe**" are seen on its shirt.
- ✓ Over 2,000 players from over 180 countries are expected to take part in the international event, to be held between July 28 and August 10.



- **Neeraj Chopra**
- ✓ Neeraj Chopra has achieved a new National record, breaking his previous one with a throw of **89.30m at Paavo Nurmi Games 2022 in Finland.**

✓ This was the **24-year-old's first tournament after Tokyo Olympics 2022. He won a silver medal in the tournament.**

➤ **FIFA U-17 Women's World Cup 2022**

✓ World Football body, FIFA and the Local Organising Committee (LOC) - jointly announced the schedule of FIFA U-17 Women's World Cup 2022 recently on June 15.

✓ This is the **first time India is hosting a women's mega showpiece.** As per the schedule, India will play all their round-robin games at the **Kalinga Stadium in Bhubaneswar.**

➤ **S. Dhanalakshmi**

S. Dhanalakshmi surprised host Kazakhstan's former Asian Games champion Olga Safronova as she won the women's 200m gold in a personal best 22.89s at the Qosanov international athletics meet, a World Athletics Continental Tour event, in Almaty, Kazakhstan on Sunday.

➤ **Jasprit Bumrah**

✓ Indian test cricket captain, Jasprit Bumrah - set a Test **world record for maximum runs off a single over** in the fifth rescheduled Test at **Edgbaston, England.**

✓ On July 2, Bumrah smashed two sixes and four fours to score 29 runs in a single over of 6 legal deliveries from Stuart Broad, beating the legendary Brian Lara's record by one run.

➤ **Ons Jabeur**

✓ Tunisia's Ons Jabeur - became the **first North African and Arab woman to enter the final of a major grand slam.**

✓ On July 7, World No.2 Jabeur entered her maiden Grand Slam final after beating Germany's Tatjana Maria in three sets at the Centre Court in the semifinals of the Wimbledon 2022.

➤ **Elena Rybakina**

✓ The 17-seeded Elena Rybakina - **has won the women's singles title at Wimbledon by beating World No. 2 Ons Jabeur of Tunisia on July 9.**

✓ This is the first Wimbledon women's final that featured a pair of first-time major finalists since 1962.

✓ Rybakina is the first player representing Kazakhstan to win a Grand Slam singles title.

➤ **Wimbledon - Novak Djokovic**

- ✓ **Novak Djokovic** - won a seventh Wimbledon title and **21st Grand Slam crown** with a four-set triumph over Nick Kyrgios in the men's singles final at the Centre Court on July 10.
- ✓ This was Djokovic's 32nd Grand Slam and eighth Wimbledon final to his Australian opponent's first.

➤ **World Games 2022 - Archery**

- ✓ The Indian compound mixed team archery duo of **Abhishek Verma and Jyothi Surekha Vennam** - won a bronze medal at the World Games 2022 in Birmingham (USA).
- ✓ This is **India's first World Games medal in archery** and its fifth overall since the event's start in 1981.

➤ **Bhagwani Devi**

- ✓ Bhagwani Devi, a 94-year-old sprinter from India - won the **gold medal in the 100m sprint with a timing of 24.74 seconds** at the World Masters Athletics Championships held in Tampere.

The event is a world championship calibre event for the sport of athletics (track and field) for male and female athletes aged 35 years and over.

➤ **World Athletics Championships**

- **Murali Sreeshankar** - became the first Indian male long jumper to qualify for World Athletics Championships finals.
- ✓ Sreeshankar had a best jump of exactly 8m in his second attempt, to finish second in qualification round Group B and finished seventh overall in Oregon, USA.
- ✓ The World Athletics Championships 2022 is being held in Oregon from July 15 to July 24.

➤ **Singapore Open**

- ✓ Former world champion PV Sindhu - won her first Super-500 title of the year in the Singapore Open on July 17.
- ✓ In the women's singles final, Sindhu defeated China's Wang Zhi Yi to win the third title of the year.
- ✓ Earlier, Sindhu had won the Syed Modi Super-300 and Swiss Open Super-300 titles earlier this year.

➤ **ISSF World Cup**

On July 18, Mairaj Khan - created history by becoming the country's first-ever skeet shooter to clinch a gold medal in men's event at the ISSF World Cup in Changwon, South Korea.

Mairaj is the only skeet shooter to have shot in two Olympic Games.

➤ **Asian Youth & Junior Weightlifting Championships**

✓ Junior weightlifter Harshada Garud - clinched gold medal at the Asian Youth & Junior weightlifting championships in Tashkent, Uzbekistan, on July 18.

✓ The 18-year old Pune weightlifter had created history by becoming first Indian to win gold at the World Junior Championships in May this year. Harshada lifted a total of **157kg to clinch** the junior gold in the **45kg weight** category at the Asian meet.

➤ **2028 Summer Olympic Games**

✓ **The 2028 Summer Olympic and Paralympic Games** will be hosted in **Los Angeles, United States**.

✓ The opening ceremony for the 2028 Los Angeles Olympics will take place on July 14, 2028, and continue till July 30.

➤ **Surfing Nationals**

✓ Chennai - to host the country's first-ever surfing nationals in Mahabalipuram on August 1 and 2.

✓ The event will be called 'Point break Challenge' and 80 participants from across the country are expected to participate in it.

✓ After a break of two years, the surf festival returns to Chennai from August 5 to 7 with over 100 surfers expected from India and overseas to participate.

➤ **Women's 50-over World Cup in 2025**

✓ **India** - will host the Women's 50-over **World Cup in 2025**.

✓ In this regard, the BCCI has successfully bid for the ICC flagship event during the ICC Annual Conference that concluded in Birmingham on July 26.

✓ The last time a women's 50-over World Cup was held in India was back in 2013.

➤ **Vanakkam Chennai**

- ✓ Grammy and Oscar-winning music composer, **AR Rahman** has come up with the '**Vanakkam Chennai**' (**Welcome Anthem**) for the upcoming International Chess Olympiad, 2022.
- ✓ **Directed by Vignesh Shivan**, the music video features chief minister MK Stalin, grandmaster Vishwanathan Anand, and music maestro AR Rahman, who has composed and sung the theme song.

➤ **Commonwealth Games**

- ✓ The 2022 Commonwealth Games - is scheduled to begin on July 29 and will take place over 11 days before concluding on August 8.
- ✓ The opening ceremony of the **22nd edition of the Games** will be held in the presence of Prince Charles on July 28, 2022 in the Alexander Stadium in **Birmingham, England**.
- ✓ There are more than 1,800 medals on offer and three new sports - women's T20 cricket, 3X3 basketball, and 3X3 wheelchair basketball - were added this year.

P.V. Sindhu and Manpreet Singh were named India's flag-bearers for the Commonwealth Games Opening Ceremony.

➤ **FIDE 44th Chess Olympiad**

- ✓ On July 28, Prime Minister Narendra Modi - inaugurated the FIDE 44th Chess Olympiad in the presence of Tamil Nadu chief minister MK Stalin at the **Jawaharlal Nehru Indoor Stadium in Chennai**.
- ✓ Five-time world chess champion Viswanathan Anand handed over the Olympiad torch to the PM Modi and CM Stalin, following which it was handed over to **young grandmaster R Praggnanandhaa** and others.

➤ **Mirabai Chanu**

- ✓ Olympic medalist and ace weightlifter Mirabai Chanu - wins **India's first Gold Medal at the Commonwealth Games 2022** in the **Women's 49Kg** weightlifting category.
- ✓ The Olympic silver medallist aggregated a total of 201kg (88kg + 113kg) and achieved a Commonwealth Games record in the process.
- ✓ The 27-year old Chanu bettered the Games record in clean and jerk as well as total lift.

➤ **Achinta Sheuli**

- ✓ India's **weightlifter, Achinta Sheuli** (73 Kg representative) **bagged the gold medal in The Commonwealth Games 2022**. The 20-year-old claimed the yellow metal with a combined effort of 313 Kilograms (143kg in snatch and 170kg in clean & jerk).
- ✓ India has been performing exceptionally well in weightlifting as the contingent has already bagged 6 medals in this edition.

➤ **Anahat Singh**

- ✓ **India's youngest athlete at the 2022 Commonwealth Games.**
- ✓ 14 years old Squash player Anahat Singh is India's youngest athlete to participate in the ongoing 2022 Commonwealth Games (CWG) in Birmingham. She hails from Delhi & is currently studying in Class 9.

➤ **Indian Women Lawn Bowls Team**

- ✓ **The Indian women Lawn Bowls team** - has won a historic **gold medal at the ongoing Commonwealth Games** in Birmingham on August 2, 2022.
- ✓ Nayanmoni Saikia, Pinki, Lovely Choubey and Rupa Rani Tirkey created history after defeating 2018 silver medalists South Africa in the women's four lawn bowls final to win the gold medal.

➤ **Table Tennis**

- ✓ Defending champions in Table Tennis - Team India - won the **Gold** after **defeating Singapore** in the men's team event finals on August 2, at the **Commonwealth Games in Birmingham.**
- ✓ The Indian men's team consisting of **Sharath Kamal, G. Sathiyam and Harmeet** Desai had entered into the final after remaining unbeaten through the tournament.

Commonwealth Games 2022

➤ **Sudhir**

- ✓ **Sudhir** claimed the gold medal in the **men's heavyweight para powerlifting event** at the Commonwealth Games 2022.
- ✓ Sudhir, an Asian Para Games bronze medallist, lifted 208kg in his first attempt before increasing it to 212kg in his second effort to gather 134.5 points and break the Games record.

➤ **Tejaswin Shankar**

- ✓ India's **Tejaswin Shankar** - won the bronze medal in the **men's high jump final at the Commonwealth Games 2022** on August 3.
- ✓ The 23-year-old won the country's **first athletics medal in the men's high jump** event with the mark of 2.22m.

➤ **Bajrang Punia, Sakshi Malik and Deepak Punia**

- ✓ Three Indian wrestlers won **gold medals** on the opening day of the wrestling events at the Commonwealth Games 2022 on August 5.
- ✓ Olympic medalists Bajrang Punia, Sakshi Malik along with Deepak Punia won Gold medals during the day.

➤ **Rupal Chaudhary**

- ✓ Rupal Chaudhary - became the **first Indian athlete to win two medals in a single edition of the World U-20 Athletics Championships**.
- ✓ On August 4, the 19-year-old Rupal won bronze in the 400m race and silver in 4X400m relay at the World U-20 Athletics Championships in Columbia, USA.

➤ **Vinesh Phogat, Ravi Dahiya and Naveen Kumar**

- Vinesh Phogat, Ravi Dahiya and Naveen Kumar - won **gold medals in wrestling at the Commonwealth Games 2022 on August 6, 2022**
- ✓ Vinesh Phogat became the **first Indian female wrestler to win a hat-trick of golds at the Commonwealth Games**

➤ **Bhavina Hasmukhbhai Patel**

- ✓ Bhavina Hasmukhbhai Patel won gold women's singles classes 3-5 in the **para table tennis event** after defeating Nigeria's Christiana Ikpeoyi.

➤ **Commonwealth Games 2022 - 5 Gold, on the Penultimate Day**

- ✓ India achieved a historic one-two in the men's triple jump with Eldhose Paul and Abdulla Aboobacker winning the gold and silver medals with a jump of 17.03 meters and 17.02 metres respectively.
- ✓ Three boxers - Nikhat Zareen (women's light flyweight), Amit Panghal (men's flyweight) and Nitu Ganghas (women's minimumweight) - won their respective finals to bag the gold medals.

Achanta Sharath Kamal and Sreeja Akula won the gold medal in the **table tennis mixed doubles category**.

COMMON WEALTH GAMES 2022 -REPORT

FINAL TOP-10 MEDALS TALLY AT THE CWG 2022

The Commonwealth Games 2022 were held from July 28 to August 8, 2022, Birmingham, England in which **India has been ranked at the 4th place**. In terms of medals, India bagged a total of **61 medals**, comprising of **22 Gold**, **16 Silver**, and **23 Bronze**.

COMMONWEALTH GAMES 2022 MEDAL TALLY					mid-day com
S.NO	COUNTRY	GOLD	SILVER	BRONZE	TOTAL
1	AUSTRALIA	67	57	54	178
2	ENGLAND	57	66	53	176
3	CANADA	26	32	34	92
4	INDIA	22	16	23	61
5	NEW ZEALAND	20	12	17	49
6	SCOTLAND	13	11	27	51
7	NIGERIA	12	9	14	35
8	WALES	8	6	14	28
9	SOUTH AFRICA	7	9	11	27
10	MALAYSIA	7	8	8	23

SPORT-WISE SPLIT OF INDIA'S CWG 22 MEDALS

SPORT	GOLD	SILVER	BRONZE	TOTAL
WRESTLING	6	1	5	12
TABLE TENNIS	4	1	2	7
WEIGHTLIFTING	3	3	4	10
BOXING	3	1	3	7
BADMINTON	3	1	2	6
ATHLETICS	1	4	3	8
LAWN BOWLS	1	1	0	2
PARA POWERLIFTING	1	0	0	1

JUDO	0	2	1	3
HOCKEY	0	1	1	2
CRICKET	0	1	0	1
SQUASH	0	0	2	2
	22	16	23	61

CWG 2022: List of Medal winners for India

Gold medal winners for India in Commonwealth Games 2022

1. Gold - PV Sindhu - Badminton Women's Singles
2. Gold - Lakshya Sen - Badminton Men's Singles
3. Gold - Nikhat Zareen - Boxing Women's Light Flyweight
4. Gold - Vinesh Phogat - Wrestling Women's Freestyle 53kg
5. Gold - Ravi Kumar Dahiya - Wrestling Men's Freestyle 57kg
6. Gold - Naveen - Wrestling Men's Freestyle 74kg
7. Gold - Sharath Kamal - Table Tennis men's singles
8. Gold - Nitu - Boxing Minimumweight
9. Gold - Amit Panghal - Boxing Flyweight
10. Gold - Bajrang Punia - Wrestling Men's Freestyle 65kg
11. Gold - Sakshi Malik - Wrestling Women's Freestyle 62kg
12. Gold - Deepak Punia - Wrestling Men's Freestyle 86kg
13. Gold - Mirabai Chanu - Weightlifting Women's 49kg
14. Gold - Jeremy Lalrinnunga - Weightlifting Men's 67kg
15. Gold - Achinta Sheuli - Weightlifting Men's 73kg
16. Gold - Lovely Choubey, Pinki, Nayanmoni Saikia, Rupa Rani Tirkey - Lawn Bowls Women's Fours
17. Gold - Sharath Kamal, Sathiyam Gnanasekaran, Harmeet Desai, Sanil Shetty - Table Tennis Men's Team
18. Gold - Sudhir - Para Powerlifting Men's Heavyweight
19. Gold - Bhavina Patel - Table Tennis Women's Singles Classes 3-5
20. Gold - Eldhose Paul - Men's Triple Jump
21. Gold - Sharath Kamal, Sreeja Akula - Table Tennis Mixed Team
22. Gold - Satwik Sairaj Rankireddi and Chirag Shetty - Badminton men's doubles

Silver medal winners for India in Commonwealth Games 2022

1. Silver - Indian Women's Cricket Team
2. Silver - Anshu Malik - Wrestling Women's Freestyle 57kg

3. Silver - Murali Sreeshankar - Men's Long Jump
4. Silver - Kidambi Srikanth, Satwik Sairaj, Sumeeth Reddy, Lakshya Sen, Chirag Shetty, Treasa Jolly, Aakarshi Kashyap, Ashwini Ponappa, Gayatri Gopichand, PV Sindhu - Mixed Group - Badminton
5. Silver - Sharath Kamal, G Sathiyam - Table Tennis Men's Doubles
6. Silver - Vikas Thakur - Weightlifting Men's 96kg
7. Silver - Shushila Devi Likmabam - Judo Women's 48kg
8. Silver - Bindyarani Devi - Weightlifting Women's 55kg
9. Silver - Tulika Maan - Judo Women's +78kg
10. Silver - Sanket Sargar - Weightlifting Men's 55kg
11. Silver - Avinash Sable - Men's 3000m Steeplechase
12. Silver - Priyanka Goswami - Women's 10km Race Walk
13. Silver - Dinesh Kumar, Chandan Kumar Singh, Sunil Bahadur, Navaneeth Singh - Lawn Bowls Men's Fours
14. Silver- Abdullah Aboobacker - Men's Triple Jump
15. Silver - Sagar Ahlawat - Boxing Men's Super Heavyweight
16. Silver - Indian men's hockey team

Bronze medal winners for India in Commonwealth Games 2022

1. Bronze - Gururaja Poojary - Weightlifting Men's 61kg'
2. Bronze - Vijay Kumar Yadav - Judo Men's 60kg
3. Bronze - Harjinder Kaur - Weightlifting Women's 71kg
4. Bronze - Lovepreet Singh - Weightlifting Men's 109kg
5. Bronze - Saurav Ghosal - Squash Men's Singles
6. Bronze - Gurdeep Singh - Weightlifting Men's 109kg+
7. Bronze - Tejaswin Shankar - Men's High Jump
8. Bronze - Divya Kakran - Wrestling Women's 68kg
9. Bronze - Mohit Grewal - Wrestling Men's 125kg
10. Bronze- Jaismine- Boxing Women's Lightweight 60kg
11. Bronze - Pooja Gehlot - Wrestling Freestyle Women's 57=0kg
12. Bronze - Pooja Sihag - Wrestling Freestyle Women's 76kg
13. Bronze - Hussamuddin - Men's Boxing Featherweight
14. Bronze - Deepak Nehra - Wrestling Freestyle Men's 97kg
15. Bronze - Sonalben Patel - Para Table Tennis Women's Singles Classes 3-5
16. Bronze - Rohit Tokas - Boxing Men's Welterweight 67kg
17. Bronze - Indian Women's Hockey Team
18. Bronze- Sandeep Kumar- Men's 10,000m Race Walk
19. Bronze - Annu Rani - Women's Javelin Throw

20. Bronze - Saurav Ghosal and Dipika Palikkal - Squash Mixed Doubles
21. Bronze - Kidambi Srikanth - Badminton Men's Singles
22. Bronze - Gayathri Gopichand, Treasa Jolly - Badminton Women's Doubles
23. Bronze - G. Sathiyar - Table Tennis Men's Singles

➤ **75th Grandmaster of India**

- ✓ V Pranav became India's 75th Grandmaster by winning a tournament in Romania.
- ✓ The 15-year-old had obtained his maiden GM norm at the Serbia Open in 2021.
Pranav is the 27th Grandmaster from Tamil Nadu.

➤ **The 44th Chess Olympiad**

- ✓ India's men & women team win bronze medal.
- ✓ The 44th Chess Olympiad, which was inaugurated by PM Narendra Modi in Chennai on 28 July concluded on 9 August 2022.
- ✓ India 'B' team settled for a bronze medal in the Open section while India 'A' women's team finished third.
- ✓ The next edition of the Chess Olympiad will be held in Budapest in Hungary in 2024.

➤ **Bhavani Devi**

- ✓ Bhavani Devi bags gold at Commonwealth Fencing Championship.
- ✓ India's Bhavani Devi on 10 August 2022 won a gold medal at the Commonwealth Fencing Championship 2022 in the Senior Women's Sabre Individual category.
She defeated Veronika Vasileva of Australia 15-10 to win the title in London.

➤ **Avinash's Sable**

Avinash's Sable silver show in the 3,000m steeplechase was perhaps the most precious, one worth its weight in gold as he shocked two-time World champion and 2016 Rio Olympic gold medallist Conseslus Kipruto.

➤ **Incentives to Sportspersons**

- ✓ Chief Minister M.K. Stalin handed over incentives to sportspersons from Tamil Nadu who excelled in the **2022 Commonwealth Games in Birmingham** and the Commonwealth Fencing Championship in **London**.
- ✓ Mr. Stalin handed over a cheque for **1.80 crore to table tennis player A. Sharath Kamal, who won three gold medals**.
- ✓ He handed over a cheque for **1 crore to table tennis player G. Sathiyam**, who won a gold medal in men's team, a silver in men's doubles and a bronze medal.
- ✓ He gave a cheque for **40 lakh to squash player Sauvar Ghosal**, who won a bronze medal in men's singles and mixed doubles events.
- ✓ He handed over a cheque for **20 lakh to squash player Dipika Pallikal**, who won a bronze medal in mixed doubles event.

➤ **Sankar Muthusamy Subramanian**

- ✓ Chennai-based **badminton** star Sankar Muthusamy Subramanian - became the **new World No.1** in the boys singles category on August 16, according to the latest rankings released by the **Badminton World Federation (BWF)**.
- ✓ The **18-year old Sankar is the first shuttler from Tamil Nadu to achieve this feat** and fourth Indian after Aditya Joshi (Madhya Pradesh) in 2014, Siril Verma of Telangana in 2016 and Lakshya Sen of Uttarakhand in 2017.

➤ **Manisha Kalyan**

- ✓ Haryana's Manisha Kalyan - became the **first Indian footballer to play in the UEFA Champions League**.
- ✓ The 20-year old striker made her debut for Apollon Ladies FC.
- ✓ With this, **Manisha became the first Indian footballer – among both men and women – to play in the topmost European club competition, the UEFA Champions League**.

➤ **Antim Panghal**

- ✓ Antim Panghal - became the **first-ever Indian woman wrestler to win gold at the U-20 world championships**.
- ✓ On August 19, Antim defeated Kazakhstan's Atlyn Shagayeva 8-0 in the 53kg category final in Sofia, Bulgaria.
- ✓ It was for the first time in the competition's 34-year long history that an Indian girl has finished on top of the podium.

➤ **R Praggnanandhaa**

- ✓ On August 21, Indian GM R Praggnanandhaa - **beat World No. 1 Magnus Carlsen** in the seventh and final round of Miami's FTX Crypto Cup, an **online event part of the Meltwater Champions Chess Tour**.
- ✓ With the win against the world champion in the tiebreaks, Praggnanandhaa finished second in the eight-player rapid event held in Miami, USA.

➤ **Diamond League Meet**

- ✓ Olympic javelin champion **Neeraj Chopra** - became the first Indian to win a Diamond League meet with an **89.08m throw in Lausanne on August 26**.
- ✓ His result also helped him qualify for the **2023 World Athletics Championships**.

➤ **BWF World championships**

- ✓ Satwiksairaj Rankireddy and Chirag Shetty - bagged a historic bronze at the BWF World championships in Tokyo on August 27.
- ✓ The Men's doubles bronze is a first for India.

➤ **Smartboxer**

- ✓ Indian Institute of Technology (IIT) Madras has partnered with Karnataka based **Inspire Institute of Sports (IIS)** to develop a boxing analytics platform 'Smartboxer'.
- ✓ Smartboxer will use wearable sensors & video cameras to provide assessments of boxers on the four key traits for scoring in boxing. It is one among the many initiatives of IIT Madras aimed at winning more medals in the Olympics.

➤ **Apeksha Fernandes**

- ✓ Apeksha Fernandes became the **first Indian woman to reach the final of the World Junior Swimming Championships** on 31 August 2022.
- ✓ Fernandes clocked her 'Best Indian Time' of 2:18.18 to qualify for the final.
- ✓ She finished 8th in the 200m women's category event. The 8th World Junior Swimming Championships is taking place from 30 August to 4 September 2022 in Lima, Peru.

➤ **Anupama Upadhyaya**

- ✓ Seventeen-year-old Anupama Upadhyaya - **became the new world No. 1 in the junior women's category**, replacing India's Tasnim Mir at the top.
- ✓ Anupama is only the second Indian girl after Tasnim to top the rankings.
- ✓ The Panchkula girl, Anupama, is a product of Prakash Padukone **Badminton Academy**.

➤ **Diamond League 2022 Finals**

- ✓ Diamond League 2022 Finals: **Neeraj Chopra** gained another accomplishment when he won the **Diamond League Final in Zurich**. Neeraj Chopra has now won the **Diamond League Trophy, making him the first Indian to do it**. The expert javelin thrower recorded a throw of **88.44 metres** on his **second attempt**, which was sufficient for him to win the competition.

➤ **US Open**

➤ **Iga Swiatek**

- ✓ On September 10, Polish tennis star, **Iga Swiatek** - won her **first US Open title and third Grand Slam** by beating **World No. 5 Tunisian Ons Jabeur** in straight sets in the finals on Arthur Ashe Stadium, New York.
- ✓ Swiatek, winning her 10th career title, has become the **first Polish woman to win the US Open**.

➤ **Carlos Alcaraz**

- ✓ Carlos Alcaraz on 11 Sept 2022 beat Norway's Casper Ruud 6-4 2-6 7-6(1) 6-3 in the **US Open Men's final to claim his first Grand Slam title** and rise to the top of the world rankings.

➤ **Asia Cup**

- ✓ On September 11, **Sri Lanka - beat Pakistan at the Dubai International Cricket Stadium** in Dubai and clinched its sixth Asia Cup title and first in the T20 format

This is the **first time that Sri Lanka have won five consecutive T20Is since April, 2014**, the last such sequence included matches from their title-winning World Cup campaign in Bangladesh in 2014.

➤ **World Wrestling Championships 2022**

- ✓ Indian wrestler and Commonwealth Games 2022 gold medalist **Vinesh Phogat - won a bronze medal in the women's 53 kg category** at the ongoing World Wrestling Championships 2022 in **Belgrade** on September 14.
- ✓ Vinesh defeated European champion Emma Malmgren from Sweden to win the bronze medal.

➤ **Roger Federer**

- ✓ **Former World No.1 and the "Greatest of All Time", Roger Federer announced his retirement from international Tennis on September 15, 2022.**
- ✓ Laver Cup which begins on September 23, 2022, will be Roger Federer's final tournament.
- ✓ Federer, 41, ends his career with 20 Grand Slam titles, which includes 8 Wimbledon, 6 Australian, 5 US Open, and a solitary French Open title. He is the first person in the world to win 20 grand slam titles.

➤ **U-14 World Youth Chess Championships**

- ✓ **AR Ilamparthi, a 13-year-old from Chennai - won gold medal in the U-14 World Youth chess championships at Mamaia, Romania** on September 16.
- ✓ He scored 9.5 points from 11 rounds and clinched the title after defeating Filip Magold of Romania in the final round.
- ✓ Ilamparthi is a class **VIII student at Sree Sankara Bala Vidyalaya Golden Jubilee School in Chennai.**

➤ **World Wrestling Championships**

- ✓ Ace Indian wrestler and Olympic medalist **Bajrang Punia - won the bronze medal in the men's 65kg category** at the World Wrestling Championships in Belgrade.
- ✓ In the repechage round, Bajrang defeated Vazgen Tevanyan of Armenia by points.

➤ **National Games**

- ✓ Prime Minister Narendra Modi - will inaugurate the **36th edition of the National Games** at a grand opening ceremony to be held at **Narendra Modi Stadium in Ahmedabad, Gujarat** on September 29, 2022.
- ✓ **This is the first time that Gujarat is hosting the National Games.**

- ✓ The themes of the tournament were 'Celebrating Unity Through Sports' and 'Judega India Jitega India'.

Men's Grand Slam Title Winners

Year	Tournament	Winner	Runner-up
2022	U.S. Open	Carlos Alcaraz	Casper Ruud
2022	Wimbledon	Novak Djokovic	Nick Kyrgios
2022	French Open	Rafael Nadal	Casper Ruud
2022	Australian Open	Rafael Nadal	Daniil Medvedev
2021	U.S. Open	Daniil Medvedev	Novak Djokovic
2021	Wimbledon	Novak Djokovic	Matteo Berrettini
2021	French Open	Novak Djokovic	Stefanos Tsitsipas
2021	Australian Open	Novak Djokovic	Daniil Medvedev
2020	French Open	Rafael Nadal	Novak Djokovic
2020	U.S. Open	Dominic Thiem	Alexander Zverev
2020	Australian Open	Novak Djokovic	Dominic Thiem

Tennis Grand Slam Winners (Singles) - 2022

Event	Surface	Men's Singles	Women's Singles
Australian Open	Hard	Rafael Nadal (Spain)	Ashleigh Barty (Australia)
French Open	Clay	Rafael Nadal (Spain)	Iga Świątek (Poland)
Wimbledon	Grass	Novak Djokovic (Serbia)	Elena Rybakina (Kazakhstan)
US Open	Hard	Carlos Alcaraz (Spain)	Iga Świątek (Poland)

Tennis Grand Slam Winners (Singles) - 2021

Event	Surface	Men's Singles	Women's Singles
Australian Open	Hard	Novak Djokovic (Serbia)	Naomi Osaka (Japan)
French Open	Clay	Novak Djokovic (Serbia)	Barbora Krejaikova (Czech Republic)
Wimbledon	Grass	Novak Djokovic (Serbia)	Ashleigh Barty (Australia)
US Open	Hard	Daniil Medvedev	Emma Raducanu

Tennis Grand Slam Winner (Singles) - 2020

Event	Surface	Men's Singles	Women's Singles
Australian Open	Hard	Novak Djokovic (Serbia)	Sofia Kenin (Russia)
French Open	Clay	Rafael Nadal (Spain)	Iga swiatek (Poland)
Wimbledon	Grass	Calcelled due to COVID-19 pandemi	
US Open	Hard	Dominic Thiem (Austria)	Naomi Osaka (Japan)

Upcoming Sports Events & Venues

◆ Summer Olympic Games

- 2024 - Paris, France
- 2028 - Los Angeles, United States
- 2032 - Brisbane, Australia

◆ Winter Olympic Games

- 2022 - Beijing, China
- 2026 - Milan & Cortina, Italy

◆ Winter Youth Olympic Games

- 2020 - Lausanne, Switzerland
- 2024 - Gangwon, South Korea

◆ ICC Cricket World Cup

- 2023 - India
- 2027 - South Africa, Zimbabwe, Namibia
- 2031 - India and Bangladesh

◆ ICC Men's T20 World Cup

- 2024 - United States, West Indies
- 2026 - India, Sri Lanka
- 2028 - Australia, New Zealand
- 2030 - England, Wales, Ireland, Scotland

◆ FIFA Women's World Cup

- 2023 - Australia, New Zealand

◆ Summer Paralympic Games

- 2024 - Paris, France
- 2028 - Los Angeles, United States
- 2032 - Brisbane, Australia

◆ Summer Youth Olympic Games

- 2018 - Buenos Aires, Argentina
- 2026 - Dakar, Senegal

◆ Asian Games

- 2026 - Aichi-Nagoya, Japan
- 2030 - Doha, Qatar
- 2034 - Riyadh, Saudi Arabia

◆ ICC Women's Cricket World Cup

- 2022 - Hagley Oval, Christchurch, New Zealand
- 2025 - India

◆ World Badminton Championships

- 2022 - Tokyo, Japan
- 2023 - Copenhagen, Denmark
- 2025 - Paris, France
- 2026 - India

◆ World Badminton Championships

- 2023 - Thiruvananthapuram, Kerala, India

◆ Winter Olympic Games

- 2022 - Beijing, China
- 2026 - Milan & Cortina, Italy

◆ Commonwealth Games

- 2018 - Gold Coast, Australia
- 2022 - Birmingham, England

◆ FIFA World Cup

- 2022 - Qatar
- 2026 - Canada, Mexico, United States.

◆ Men's Hockey World Cup

- 2023 - Bhubaneswar & Rourkela, Odisha, India

◆ Khelo India Youth Games

- 2022 - Bhopal, Madhya Pradesh

◆ Khelo India University Games

- 2022 - Bangalore, Karnataka

◆ National Games of India

- 2022 - Gujarat (36th)

OBITUARY

➤ **Vishwa Deenadayalan**

- ✓ Vishwa Deenadayalan, 18-year-old **Table Tennis player from Tamil Nadu** - passed away in a road accident in Ri-Bhoi district, Meghalaya on April 17.
- ✓ Vishwa had won the **U-19 boys' singles crown** at the National-ranking event in Dehradun in January.

➤ **Elvera Britto**

- ✓ Celebrated women's **hockey player** and administrator Elvera Britto passed away here. She was 81.
- ✓ An outstanding player and champion of women's hockey, Elvera was the **captain of the Indian and then Mysore** teams.
- ✓ She received the **Arjuna Award in 1965**.

➤ **Sheikh Khalifa bin Zayed**

- ✓ **UAE President** Sheikh Khalifa bin Zayed passes away.
- ✓ Sheikh Khalifa bin Zayed Al Nahyan served as the president of the UAE and **Ruler of Abu Dhabi** since November 3, 2004.
- ✓ Under his reign, the UAE has witnessed an accelerated development that ensured decent living for the people calling the country home.

➤ **K. Chinnappa Bharathi**

- ✓ Progressive Tamil writer K. Chinnappa Bharathi died at the age of 88 after a brief illness in Namakkal.
- ✓ He **wrote seven novels**: Dhagam, Sangam, Sarkarai, Pavalayee, Thalaimurai Mattram, Surangam and Palai Nila Roja.
- ✓ **Surangam (The Mine)**, which was about the struggles of coal miners in West Bengal and Jharkhand, brought him fame.
- ✓ Dhagam (Thirst) narrates the woes of farm labourers, especially **Dalits**.
- ✓ Chinnappa Bharathi's novels have been translated into **13 languages**.

➤ **Shinzo Abe**

- ✓ Former Japanese Prime Minister, Shinzo Abe - died at age 67 after being shot during a campaign speech in the city of Nara in western Japan on July 8.
- ✓ Abe was the **longest-serving Japanese prime minister in history** in terms of consecutive days in office, before stepping down in 2020, citing health reasons.

➤ **B K Syngal**

- ✓ 'Brijendra K Syngal, former Chairman of Videsh Sanchar Nigam Ltd (VSNL), passed away on 9 July 2022 at the age of 82.
- ✓ He is referred to as the '**father of the internet in India.**'
- ✓ Syngal left satellite communications company Inmarsat to take charge of VSNL in 1991.

➤ **Rakesh Jhunjhunwala**

- ✓ Ace stock market investor and philanthropist, Rakesh Jhunjhunwala - passed away at age 62 on August 14 in Mumbai due to cardiac arrest after fighting several health-related issues for the last few years.
- ✓ He was also the co-founder of Akasa Air, India's newest airline which began commercial operations from Mumbai to Ahmedabad on August 7. He was the 36th richest billionaire in India, according to Forbes' 2021 listing.

➤ **Mikhail Gorbachev**

- ✓ The former Soviet leader Mikhail Gorbachev passed away in August 2022.
- ✓ Mr. Gorbachev became general secretary of the Soviet Communist Party and de facto leader of the country in 1985.
- ✓ At the time, he was the youngest member of the ruling council known as the Politburo.

He won the **Nobel Peace Prize** for negotiating a historic nuclear arms pact with **US leader Ronald Reagan.**

➤ **Cyrus Mistry**

- ✓ Former chairman of Tata group, Cyrus Mistry - was **killed** in a road accident in Palghar near Mumbai on September 4, 2022.
- ✓ Mistry, 54, was returning to Mumbai from Gujarat's Udwada in his Mercedes Benz GLC that crashed on a divider.

➤ **Queen Elizabeth II**

- ✓ Queen Elizabeth II, the UK's longest-serving monarch - has died at her private Scottish estate Balmoral, after **spending more than 70 years on the British throne.**
- ✓ Queen Elizabeth II was born as **Elizabeth Alexandra Mary on 21 April 1926 as the first child of the Duke and Duchess of York (later King George VI and Queen Elizabeth).**

✓ She came to the throne after the death of her father King George VI on February 6, 1952, when she was just 25.

➤ **Valery Polyakov**

✓ Valery Polyakov, the Soviet cosmonaut who set the **record for the longest single stay in space - has died at age 80.**

✓ Polyakov's record of 437 days in space began on January 8, 1994, when he and two others blasted off on a two-day flight to the Soviet space station Mir.

✓ While aboard Mir, Polyakov orbited the Earth more than 7,000 times, before returning March 22, 1995.



REPORT

➤ World Bank Report - Poverty

- ✓ The extreme poverty rate in **India fell from 22.5% in 2011 to 10.2% in 2019** as per **World Bank Policy Research Working Paper**.
- ✓ This represents a decline of 12.3 percentage points in extreme poverty count between 2011 to 2019 in the country.
- ✓ The **decline in rural areas** was much higher than in urban areas.

➤ 86.45% Fall in Malaria Cases

- ✓ In his address on World Malaria Day (April 15), the Health Minister said, "Not only diagnosis and treatment, swachhta (cleanliness) in our personal and community surroundings and social awareness regarding malaria control and prevention are equally important in our collective fight against the disease and for meeting our **goal of elimination by 2030.**"
- ✓ This year's **theme** is "Harness innovation to reduce the global malaria disease burden and save lives".

➤ Highest Sex Ratio at Birth

- ✓ **Ladakh recorded the highest sex ratio at birth in the country** in 2020, followed by Arunachal Pradesh, Andaman and Nicobar Islands, Tripura and Kerala, according to the annual report on Vital Statistics based on 2020 Civil Registration System report.
- ✓ "Highest Sex Ratio at Birth (SRB) based on registered events has been reported **by Ladakh (1,104)** followed by Arunachal Pradesh (1,011), A&N Islands (984), Tripura (974), and Kerala (969).
- ✓ **Sex ratio at birth is the number of females per thousand males.**

➤ India's Fertility Rate

- ✓ India's Fertility Rate Decreases to **2 from 2.2**.
- ✓ India's total fertility rate (TFR) has declined from 2.2 children in 2015-16 to 2 children per woman now, the latest edition of the **National Family Health Survey (NFHS) showed**.
- ✓ The TFR is currently below the replacement level of fertility of 2.1 children per woman. According to the report, the median age at first birth among women aged 25-49 is **21.2 years**.

➤ **United Nations Convention to Combat Desertification (UNCCD)**

- ✓ The number and duration of droughts - has risen 29% globally since 2000, as per a new report from the United Nations Convention to Combat Desertification (UNCCD) released on May 11.
- ✓ As per the report, the effect of severe droughts is estimated to have reduced India's gross domestic product (GDP) by 2-5% over the 20 years from 1998 to 2017.
- ✓ The report was released on the sidelines of the ongoing **15th session of the UNCCD conference (COP15) at Abidjan, Côte d'Ivoire.**
- ✓ Globally, droughts caused economic losses of roughly \$124 billion during that period.

➤ **Lancet Commission on Pollution and Health**

- ✓ 1 in 6 global deaths in 2019 linked to pollution'
- ✓ Pollution caused nearly nine million deaths in 2019, or about one in six deaths worldwide. This number has remained effectively unchanged since the previous such analysis in 2015, by the Lancet Commission on Pollution and Health, says a report published in The Lancet Planetary Health.
- ✓ A report by The Lancet in 2019 said that noxious air killed 1.67 million Indians in 2019, or 18% of all fatalities.

STATE OF CLIMATE REPORT 2021

- **Four major climate indicators** - set new records in 2021, according to the 'State of Climate' report released by the **World Meteorological Organization (WMO)** on May 18, 2022.
- ✓ Greenhouse gas (GHG) concentrations, sea-level rise, ocean heat and ocean acidification were the **highest since record keeping** for these indicators began in the latter half of the 19th century
- ✓ The last seven years, from 2015 to 2021, were **globally the warmest years on record**, stated the report.
- ✓ The average global temperature last year was about 1.1 degree Celsius above the pre-industrial level (1850-1900).

- **World of Work**
- ✓ World may have lost 11.2 crore jobs: ILO.
- ✓ The "world of work" is being buffeted by multiple crises, says the ninth edition of the **International Labour Organisation (ILO) Monitor.**

- ✓ The report says that after significant gains during the last quarter of 2021, the number of hours worked globally dropped in the first quarter of 2022, to 3.8% below the employment situation before the pandemic.
- ✓ About 11.2 crore jobs might have lost between this period, according to the report.

➤ **Profiting from Pain**

- ✓ The COVID-19 pandemic created a new billionaire every 30 hours, and it is expected that a million people could be pushed into extreme poverty at the same rate in 2022, according to a new Oxfam brief released.
- ✓ The brief titled “Profiting from Pain” is published for the **World Economic Forum 2022** for its annual meeting for a five-day event at **Davos**.

➤ **60% E-Waste Recycling likely by 2023**

Consumer goods companies and makers of electronics goods have to ensure at least 60% of their electronic waste is collected and recycled by 2023 with targets to increase them to 70% and 80% in 2024 and 2025, respectively, according to a draft notification by the **Environment Ministry**.

➤ **Chilika Development Authority (CDA)**

- ✓ **World’s first fishing cat census done in Chilika.**
- ✓ The Chilika Lake, **Asia’s largest brackish water lagoon**, has 176 fishing cats, according to a census conducted by the Chilika Development Authority (CDA) in collaboration with the Fishing Cat Project (TFCP).
- ✓ This is the **world’s first population estimation of the fishing cat**, which has been conducted outside the protected area network.

➤ **Stockholm International Peace Institute (Sipri)**

- ✓ The **US and Russia** - together account for **90% of all nuclear weapons** around the globe, as per the latest Stockholm International Peace Institute (Sipri) report released on June 13.
- ✓ A total of **nine nuclear-armed countries** together possess an estimated 12,705 nuclear warheads, says the report.
- ✓ The nine nuclear-armed states are the United States, Russia, the United Kingdom, France, China, India, Pakistan, Israel and the Democratic People’s Republic of Korea (North Korea)

➤ **Comparative Indicators - Tamil Nadu**

- ✓ At the level of **higher secondary**, the State is ahead of others.
- ✓ The gross enrolment rate in the State was **80.31%** against the **national average of 58.56%**; pupil-teacher ratio was **18:1 against 49.98:1**; transition (secondary to higher secondary) rate was 78.8% against 67.8% and gender parity index was 1.26 against 1.04.

➤ **The United Nations-Habitat's World Cities Report 2022**

- India's urban population - is estimated to stand at **675 million in 2035**, the **second highest behind China's one billion**.
- ✓ This was projected by the latest UN report titled "The United Nations-Habitat's World Cities Report 2022" released on June 29.
- ✓ As per the report, the global urban population is back on track after covid pandemic to grow by another 2.2 billion by 2050.

➤ **State of Food Security and Nutrition in the World 2022**

- ✓ Number of undernourished people in **India has declined** to 224.3 million.
- ✓ As per this report, the number of people affected by hunger globally reached to 828 million in 2021.
- ✓ According to this report, the number of undernourished people in India has declined from 247.8 million in 2004-06 to 224.3 million in 2019-21.

➤ **World Population Prospects 2022**

- ✓ **India will surpass China as the most populous country on earth in 2023**, according to a **UN report**.
- ✓ The World Population Prospects 2022 by the UN Department of Economic and Social Affairs, Population Division, said that the global population is projected to reach 8 billion by Nov 2022, around 8.5 billion in 2030, and 9.7 billion in 2050.
- ✓ World's population is growing at its slowest pace since 1950.

➤ **India's Infant Mortality Rate (IMR)**

- ✓ India's infant mortality rate (IMR) - has shown significant improvement, falling from 47 in 2010 to **28 in 2020**, bringing it close to the **global IMR of 27**.
- ✓ The states which showed the **most improvement were Jammu & Kashmir**,
Delhi and Kerala.
- ✓ In 1971, India's IMR was 129.

✓ **Infant mortality rate is defined as the number of babies less than a year old who die for every thousand live births.**

➤ **Dark Side to Modern Domesticity - Tamil Nadu**

✓ Data from the recent National Family Health Survey for 2019-2020 (NFHS) report reveal that **44.7% of married women in Tamil Nadu have experienced physical and sexual violence in their homes.**

✓ **Tamil Nadu ranks second in India** when it comes to **domestic violence against women.** The NFHS report says that more than two-thirds of married women in Tamil Nadu are said to be afraid of their husbands due to spousal violence.

➤ **Basic Road Statistics**

✓ India - added nearly 1.16 lakh km to its road network in 2018-19 to take the **total length to nearly 63.32 lakh km.**

✓ This was revealed in the Basic Road Statistics for 2018-19, which was published on July 20.

✓ As per the report, India has a network of over **63,31,757 Km** of roads as on 31.03.2019, which is the **second largest in the world.**

➤ **New GST Rates**

✓ The new GST rates came into effect from July 18, 2022.

✓ Several food items have become costlier including products like paneer, rice, wheat, jaggery, curd and lassi that are pre-packaged and labelled.

✓ These **day-to-day household items will attract 5 percent GST from July 18.**

✓ The GST rates for bank services have also been hiked. The new GST rates for Bank services including the fee charged by banks for issuing cheques will now be 18 %.

➤ **World's Indigenous Peoples**

✓ On this International Day (August 9) of the World's Indigenous Peoples, few people are aware that nearly **11 crore tribal people** (enumerated as Scheduled Tribes (ST) in the Census of India (2011) **live in India.**

✓ They constitute **8.6% of India's population**, the **second largest number of tribal people in any country in the world.**

➤ **Child Mortality**

✓ Child mortality has dipped to 35 per 1,000 births.

- ✓ Govt. launches **new app, Paalan 1000, to guide parents.**
- ✓ India has taken rapid strides in reducing child mortality since 2014 from 45 per 1,000 live births to 35 per 1,000 live births in 2019.
- ✓ **'Paalan 1000' focuses on the cognitive development of children in the first two years of their life.** The app will provide practical advice to caregivers on what they can do in their everyday routine and will help clear doubts.

➤ **National Crime Records Bureau Report**

- ✓ Crimes in India - annual report of the National Crime Records Bureau (NCRB).
- ✓ 2021 saw a 7.6 per cent decline in the number of crimes registered.
- ✓ **Uttar Pradesh saw the highest number of deaths (24,711) in traffic accidents.** A maximum number of Road accident cases were reported in Tamil Nadu.
- ✓ Suicide list - Maharashtra (22207), Tamil Nadu (18,925), Madhya Pradesh (14,965) and West Bengal (13,500).
- ✓ The rate of crime against women increased to 64.5 per cent in 2021.

➤ **Sample Registration System (SRS) Statistical Report 2020**

- ✓ Released recently by the Registrar General of India (RGI).
- ✓ Significant **decline in infant mortality rate (IMR),** Under 5 Mortality Rate (U5MR), Neonatal Mortality Rate (NMR) in India since 2014.
- ✓ The Infant Mortality Rate has declined by 2 points to 28 per 1,000 live births in 2020 from 30 per 1,000 live births in 2019. The annual rate of decline is 6.7 per cent. The rural-urban difference has been reduced to 12 points.
- ✓ Under 5 mortality rate for females is higher than males. There was a decrease of 4 points in male U5MR and 3 points in female U5MR.
- ✓ **Uttar Pradesh and Karnataka achieved the highest decline of U5MR of 5 points.**
- ✓ The Neonatal Mortality Rate fell by 2 points from 22 per 1,000 live births in 2019 to 20 per 1,000 live births in 2020
- ✓ The Neonatal Mortality Rate fell by 2 points from 22 per 1,000 live births in 2019 to 20 per 1,000 live births in 2020. This is an annual decline of 9.1 per cent.

RANKINGS

➤ Hurun Research Institute

- ✓ **Three Indian women** - are on the list of the **world's richest self-made female billionaires**, which was released by the Hurun Research Institute.
- ✓ **Nykaa founder Falguni Nayar** is India's richest self-made female billionaire, followed by **Kiran Mazumdar Shaw of Biocon** and **Radha Vembu, co-founder of Zoho Corporation**.

➤ Electronics R&D Centres - Chennai

- ✓ **Chennai** - has emerged the **cheapest location for operating electronics R&D centres** among the top 100 electronics FDI locations globally.
- ✓ Penang followed second with an operating cost of \$1.32 million, followed by Gurgaon (\$1.52 million) and Pune (\$1.53 million) at third and fourth place in terms of cost of operating a similar 50-seater R&D centre over 2,000 sq m space.
- ✓ Further, Chennai was rated as the **second best place in terms of the world's most competitive location for electronics R&D activities**.

➤ NITI Aayog - Energy and Climate Index List

- ✓ Gujarat has topped the list for **larger States in the NITI Aayog's State Energy and Climate Index-Round 1** that has ranked States and Union Territories (UTs) on **six parameters** including discoms' performance, energy efficiency and environmental sustainability.
- ✓ In terms of **energy efficiency**, **Tamil Nadu and Maharashtra** have done well while in terms of Discom's performance, two small UTs – D&D and D&N – have done well.

➤ Third Largest Military Spender

- ✓ **India** - is ranked as the **third largest military spender** in the world behind UK and Russia.
- ✓ This is based on the latest data released by global think-tank Stockholm International Peace Research Institute (**SIPRI**) on April 25.
- ✓ However, India remains far behind China that spends four times and the US which spends 10 times its defence budget.

➤ World Press Freedom Index

- ✓ **India's ranking** in the World Press Freedom Index - has fallen down to 150th position from last year's 142nd rank out of 180 countries.

✓ The index, which was published on May 3 by **Reporters Without Borders**, categorises India as “**one of the world’s most dangerous countries for media**” with an average of three or four journalists getting killed every year.

➤ **World Economic Situation and Prospects (WESP)**

✓ India - retains top spot as the **world’s fastest growing major economy** with a growth forecast of **6.4%** for this fiscal year.

✓ This was revealed by the World Economic Situation and Prospects (WESP) mid-year report released on May 18, 2022.

✓ As per the report, the global economy this year is expected to grow by only 3.1% as against the earlier prediction in January of 4.0%.

➤ **World Air Power Index 2022**

✓ Indian Air Force Ranks 3rd.

✓ World Directory of Modern Military Aircraft (WDMMA) has released the World Air Powers Ranking of 2022.

✓ The Indian Air Force (IAF) has been placed at the third position on the World Air Power Index in terms of the total fighting strength of the various air services of different nations of the world.

➤ **Environmental Performance Index (EPI)**

✓ **India - has been ranked lowest among 180 countries** in the 2022 Environmental Performance Index (EPI) produced by researchers at Yale and Columbia Universities.

✓ The biennial ranking is based on 40 performance indicators, including climate change, environmental public health, and ecosystem vitality, across 11 categories.

➤ **Global Startup Ecosystem Report (GSER)**

✓ **Kerala - has been ranked on top in the Asia in ‘Affordable Talent’** in the Global Startup Ecosystem Report (GSER) released recently on June 14.

✓ The State is also **ranked the fourth in the GSER global ranking.**

The report is developed jointly by policy advisory and research organization Startup Genome and Global Entrepreneurship Network.

➤ **Business Reforms Action Plan (BRAP)**

✓ On June 30, Union finance minister Nirmala Sitharaman - released assessment report for the year 2020 of the States and Union Territories

in the implementation of Business Reforms Action Plan (BRAP) at New Delhi.

- ✓ **Seven states** - Andhra Pradesh, Gujarat, Haryana, Karnataka, Punjab, Telangana and Tamil Nadu - were categorised as '**top achievers**' as per the latest fifth edition of the report.

➤ **Asia Pacific Sustainability Index 2021**

- ✓ Four Indian cities - have made it to the list of **top-20 sustainable cities** in the **Asia Pacific region**, as per the Asia Pacific Sustainability Index 2021.
- ✓ **Bengaluru** has been ranked **14th, the only** Indian city to achieve the 'Gold Standard' category, followed by Delhi, Hyderabad and Mumbai at 17th, 18th and 20th ranks in the Asia Pacific region.

➤ **State Ranking Index**

- ✓ On July 5, Union Food Minister Piyush Goyal - released the first edition of '**State Ranking Index**' for implementation of the **Targeted Public Distribution System (TPDS)** under the National Food Security Act (NFSA), 2013.
- ✓ Overall, **Odisha**, Uttar Pradesh and Andhra Pradesh scored the highest and secured the top three positions amongst the General Category States in the index.
- ✓ **Tamil Nadu** was ranked at **9th place among** the larger states in the index, while the state was ranked 10th in the comprehensive country level index.

➤ **Global Gender Gap Index 2022**

- ✓ **Iceland** - has once again been named the most gender equal country, topping the **World Economic Forum's Global Gender Gap Index 2022**.
- ✓ **India was ranked low at 135th place out** of a total of 146 economies in terms of gender parity.
- ✓ This is considered as an improvement over its 140th position out of 156 in 2021, but still it is a sharp deterioration from the 105th rank out of 135 countries in 2012.

➤ **National Institutional Ranking Framework (NIRF)**

- ✓ **IIT Madras** tops National Institutional Rankings 2022, **IISC-Bengaluru** bags **second spot**.
- ✓ **IIT Madras** has emerged as the **best educational institution** while Indian Institute of Science, Bengaluru is best university in Institutional

Rankings-2022 which was released by Education Minister Dharmendra Pradhan in New Delhi on 15 July 2022.

➤ **Henley Passport Index**

- ✓ Indian passport was ranked at **87** in the Henley Passport Index.
- ✓ **Japan, Singapore and South Korea** have the **most powerful passports** in the world.
- ✓ The rest of the top 10 include countries such as Germany, Spain, Finland, Luxembourg, and Italy.

➤ **The India Innovation Index 2021**

- ✓ The India Innovation Index 2021 report - was released by **Niti Aayog** in New Delhi on July 21.
- ✓ Karnataka, Manipur and Chandigarh have topped in their respective categories in the third edition of NITI Aayog's India Innovation Index.
- ✓ **Karnataka has topped** again in the 'Major States' category, followed by Telangana and Haryana.
- ✓ **Manipur** is leading the 'North East and Hill States' category and **Chandigarh** is the top performer in the 'Union Territories and City States' category.
- ✓ The India Innovation Index is a comprehensive tool for the evaluation and development of the country's innovation ecosystem.

State	Score	Rank
Karnataka	18.01	1
Telangana	17.66	2
Haryana	16.35	3
Maharashtra	16.06	4
Tamil Nadu	15.69	5

➤ **2022 Fortune Global 500**

- ✓ Nine Indian public and private companies - five of them state-owned, and four from the private sector - have made it to the prestigious 2022 Fortune Global 500 list released recently.
- ✓ State-owned insurance major, **Life Insurance Corporation (LIC)** of India ranked **98th** on the list with revenue worth \$97.2 billion, up 2.6% YoY, in 2021-22
- ✓ This is the highest spot for an Indian firm on the global index.

- ✓ India's largest private business conglomerate Reliance Industries Ltd. has been ranked 104th, with \$93,982 million (\$93.9 billion) in revenue in 2021-22, up 49.4% from the year 2020-21.
- ✓ RIL's rank in Fortune's Global 500 jumped 51 spots in one year.
- ✓ Government-owned oil and gas explorer Indian Oil Corporation rose 28 places to 142nd rank on the list, while the Oil and Natural Gas Corporation climbed 16 places and secured 190th rank.
- ✓ State Bank of India (SBI) climbed 17 places to rank 236th and Bharat Petroleum Corporation Ltd rose 19 places to 295.

➤ **Human Development Index (HDI)**

- ✓ **India - is ranked 132 among 191 countries** in the 2021 **Human Development Index (HDI)** of the United Nations Development Programme (UNDP).
- ✓ The latest Human Development Report - '**Uncertain Times, Unsettled Lives: Shaping our Future in a Transforming World**' was published on September 8.
- ✓ **Switzerland** remained at the top spot in the rankings, followed by Norway and Iceland.
- ✓ Earlier, India was ranked **130th among 189** countries in the **2020 index**.
- ✓ India with a value of 0.490 is placed at rank 122 out of 170 countries in the Gender Inequality Index.
- ✓ HDI is calculated using **four indicators** - life expectancy at birth, mean years of schooling, expected years of schooling, and the GNI per capita.

➤ **Padmaja Naidu Himalayan Zoological Park**

- ✓ Padmaja Naidu Himalayan Zoological Park in **West Bengal's Darjeeling** - has been rated the **best zoo in the country**.
- ✓ The **Arignar Anna Zoological Park in Chennai**, popularly referred to as the **Vandalur Zoo**, has been adjudged the **second-best zoo in the country**.

➤ **Mission Amrit Sarovar - States**

- ✓ **Uttar Pradesh - has topped** the country with the construction of 8,462 lakes, under the Prime Minister Narendra Modi's **ambitious Mission Amrit Sarovar**, which is aimed at **conserving water for the future**.
- ✓ Madhya Pradesh is ranked second with 1,668 lakes, Jammu and Kashmir third with 1,458 lakes, Rajasthan fourth with 898 lakes and **Tamil Nadu fifth with 818 lakes in the implementation of the mission**.

➤ **“Out of the Shadows” Index**

India - was placed at the 15th spot in the overall rankings of “Out of the Shadows” index.

- ✓ “Out of the Shadows” is a benchmarking index examining the **prevention and response to child sexual exploitation and abuse (CSEA).**
- ✓ United Kingdom, France, and Sweden are ranked at the **first 3 places in the index, which ranks 60 countries.**
India stands 20th in prevention and 14th in response to CSEA.

➤ **Global Innovation Index (GII)**

- ✓ India - has climbed six spots to rank at **40th position in the Global Innovation Index (GII) 2022 rankings.**
- ✓ India bagged the top position among 36 **lower middle-income group economies.**
- ✓ **Switzerland**, the United States, Sweden and the Netherlands are the **world’s most innovative economies**, according to the **GII 2022** unveiled by the World Intellectual Property Organisation (WIPO).
- ✓ India and Turkiye (ranked at 37th place) have entered the top 40 for the first time.
India (40) leads the central and south Asian region and reaches the top 40, after making it into the top 50 in 2020.

India’s Ranking in Different Index 2022

Index	Released / Published by	India’s Rank	Topped by
Human Development Index - 2021-22	United Nations Development Program’s (UNDP)	132 nd	Topped by: Switzerland • Switzerland followed by Norway and Iceland. Bottom country: South Sudan
Global	Yale and Columbia	180 th	Topped by:

Environment Performance Index - 2022	University researchers		Denmark (world's most sustainable country) Bottom country: India
Global Hunger Index - 2022	Irish aid agency Concern Worldwide and German organisation Welt Hunger Hilfe	107 th	Total of 17 countries, including Belarus, Chile, China, Croatia shared the top rank
World Happiness Report 2022	United Nation Sustainable Development Solution Network	136 th	Top 3 Country: 1. Finland 2. Denmark 3. Iceland • Bottom rank: Afghanistan
World Press Freedom Index - 2022	Reporters Without Borders	150 th	Topped by: Norway Bottom Rank: North Korea
Global Innovation Index 2022	World Intellectual Property Organization (WIPO)	40 th	Top 3 Countries: 1. Switzerland 2. USA 3. Sweden
Global Gender Gap Report 2022	World Economic Forum	135 th	Topped By: Iceland Bottom rank: Afghanistan

International Intellectual Property Index 2022	US Chamber of Commerce Global Innovation Policy Centre	43 rd	Top 3 Country <ul style="list-style-type: none"> • 1. United States • 2. United Kingdom • 3. Germany
Henley Passport Index 2022	Henley & Partners in collaboration with the International Air Transport Association (IATA).	83 th in Quarter 1 85 th in Quarter 2 87 th in Quarter 3	Top Countries: <ol style="list-style-type: none"> 1. Japan 2. Singapore 3. South Korea
Global Food Security Index 2021 (GFS)	sponsored by Corteva Agriscience designed by London-based Economist Impact	71 st	Ireland, Australia, UK, Finland, Switzerland, Netherlands, Canada, Japan, France and US shared the top rank
"2022 Global Crypto Adoption Index	Blockchain data platform Chainalysis	4 nd	Topped by: Vietnam
Democracy Index 2021	Economist Intelligence Unit	46 th	Topped by: Norway
Global Manufacturing Risk Index	the US-based property consultant Cushman Wakefield	2 nd	Topped by: China
Travel and Tourism Competitiveness Index 2021	World Economic Forum	54 th	<ul style="list-style-type: none"> • Topped by: Japan • Bottom country: Chad • India remains the top performer in South Asia.

World Power Index 2022	Air Index	World Directory of Modern Military Aircraft (WDMMA)	Rank of Indian Air Force (IAF): 3 rd	<ul style="list-style-type: none"> • Topped by: US Air Force • 2nd position occupied by Russian Air force
Times Higher Education (THE) Impact Rankings 2022	Higher Education	The Times Higher Education (THE)	4 th	Top 3 University: <ol style="list-style-type: none"> 1. Western Sydney University (Australia) 2. Arizona State University (The US) 3. Western University (Canada)
QS World University Rankings Subject 2022	World by	QS Quacquarelli Symonds	<ul style="list-style-type: none"> • Indian Institute of Technology(IIT)-Bombay ranked 65th • Indian Institute of Technology (IIT)- Delhi ranked 72nd 	Top 3 QS World University Rankings 2022: <ol style="list-style-type: none"> 1. Massachusetts Institute of Technology (MIT) 2. The University of Oxford 3. Stanford University & the University of Cambridge
US Green Building Council Index	Green Index	US Green Building Council (USGBC)	3 rd	Topped by: China
• Based on top countries outside of the				

United States (US) for Leadership in Energy and Environmental Design (LEED).			
Global Digital Skills Index 2022 • It highlights the growing global digital skills crisis and the need for action	Salesforce	1 st	Topped by: India • India leads the digital skills readiness, and has the highest readiness index among the 19 countries.
Global Terrorism Index 2022	Institute for Economics and Peace (IEP)	12 th	Topped by: Afghanistan with a score of 9.109 points.
The Global Liveability Index 2022 (It published the list of most liveable city" in the world)	Economic Intelligence Unit's (EIU)	<ul style="list-style-type: none"> • 112th - New Delhi • 117th - Mumbai 	Topped by: Vienna (Capital of Austria) Top 3 Country: 1. Vienna 2. Copenhagen 3. Zurich
QS Best Student Cities Ranking 2023	global education consultancy Quacquarelli Symonds (QS)	<p>higher</p> <ul style="list-style-type: none"> 103rd Mumbai 114th Bengaluru 125th Chennai 129th New Delhi 	Topped by: London (UK)

Top Tech Hub Ranking	Cushman Wakefield	and	2 nd - Bengaluru (In Asia Pacific region)	Topped by: Beijing <ul style="list-style-type: none">• Beijing tops in Asia-Pacific region
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India's Ranking in Different Domestic Index 2022

Index / Report	Released / Published by	Ranking	Additional Points
India Tourism Statistics report 2022	Prepared by Ministry Of Tourism (released by Vice-President Jagdeep Dhankhar)	Top destinations for foreign tourists 2021: 1. Maharashtra 2. Tamil Nadu	Top destination for domestic visitors - The Taj Mahal. Top destination for foreign visitors - Group of Monuments, Mamallapuram, Tamil Nadu
'Swachh Survekshan Awards 2022	Ministry of Housing and Urban Affairs	Top 3 cities: 1. Indore 2. Surat 3. Navi Mumbai Top 3 Cleanest Ganga town: 1. Haridwar 2. Varanasi 3. Rishikesh Top State (population fewer than 100 urban local bodies): 1. Tripura Top 3 cities (population > one lakh): 1. Panchgani (Maharashtra) 2. Patan (Chhattisgarh)	Indore bagged the title of India's cleanest city for the sixth consecutive time

		3. Karhad (Maharashtra)	
Implementation of Poshan Abhiyaan scheme	NITI Aayog	<p>Top states (Best performer)</p> <ul style="list-style-type: none"> • Maharashtra (in larger state category) • Sikkim (in small state category) 	<p>Lowest Performer: Punjab and Bihar (among larger states in terms of the overall implementation of Poshan Abhiyaan)</p>
Grievance Redressal Index 2022	Department of Administrative Reforms and Public Grievances (DARPG)	Topped by: Unique Identification Authority of India (UIDAI)	UIDAI has been the top performer in redressal of cases received through Centralized Public Grievances Redress and Monitoring System (CPGRAMS) among all Ministries/Departments .
State Ranking Index for NFSA' 2022	Union Food and Consumer Affairs	Odisha has topped in the state ranking for implementation of the National Food Security Act (NFSA)	Odisha followed by Uttar Pradesh and Andhra Pradesh. Among the special category states Tripura tops the list.
States Start-up ranking 2021 (3rd edition)	The department for promotion of industry and internal trade (DPIIT)	Best performers: Gujarat and Karnataka Meghalaya tops among Northeastern (NE) states	The rankings are based on the initiatives taken to develop the startup ecosystem for promoting entrepreneurs.

<p>State Energy and Climate Index</p>	<p>NITI Aayog</p>	<p>Top Three States among Larger States Category</p> <ol style="list-style-type: none"> 1. Gujarat 2. Kerala 3. Punjab <p>Top Three States among Smaller States Category</p> <ol style="list-style-type: none"> 1. Goa 2. Tripura 3. Manipur <p>Top Three UTs</p> <ol style="list-style-type: none"> 1. Chandigarh 2. Delhi 3. Daman & Diu/Dadra & Nagar Haveli 	<p>• The Ranking based on the states' performance on 6 parameters, namely,</p> <ol style="list-style-type: none"> 1. DISCOM's Performance 2. Access, Affordability and Reliability of Energy 3. Clean Energy Initiatives 4. Energy Efficiency 5. Environmental Sustainability 6. New Initiatives.
<p>Top vegetable producer Index</p>		<p>Top 2 producer of vegetables:</p> <ol style="list-style-type: none"> 1. Uttar Pradesh 2. West Bengal 	<p>Andhra Pradesh remains the top fruit producer.</p>
<p>Export Preparedness Index 2021</p>	<p>NITI Aayog</p>	<p>Top3 State:</p> <ol style="list-style-type: none"> 1. Gujarat 2. Maharashtra 3. Karnataka 	
<p>State of Governance ranking 2021</p>	<p>SKOCH Group</p>	<p>Top 3 states:</p> <ol style="list-style-type: none"> 1. Andhra Pradesh 2. West Bengal 3. Odisha 	<p>The SKOCH report based on the performance in various projects at state, district, and Email Article Print Article municipal levels.</p>

<p>India Press Freedom Report 2021</p>	<p>Rights and Risks Analysis Group</p>	<ul style="list-style-type: none"> • Topped by (UT): Jammu and Kashmir • Top 3 states: <ol style="list-style-type: none"> 1. Uttar Pradesh 2. Madhya Pradesh 3. Tripura 	<p>According to the report, 13 media houses and newspapers were targeted in the country, 108 journalists were attacked, and 6 journalists were killed</p>
<p>Scheduled Castes (SC) entrepreneurs Ranking</p>		<ul style="list-style-type: none"> • Topped by: Maharashtra (96,805 enterprises) • 2nd : Tamil Nadu (42,997) • 3rd Rajasthan (38,517) 	<ul style="list-style-type: none"> • The fourth, fifth and sixth slots belong to Uttar Pradesh (36,913 units), Karnataka (28,803 enterprises) and Punjab (24,503 units) respectively. • Generally, the proportion of enterprises owned by Scheduled Caste entrepreneurs in the overall national tally of MSMEs is 6%.
<p>India State of Forest Report (ISFR) 2021</p>	<p>Forest Survey of India (FSI)</p>	<p>Area-wise, Madhya Pradesh has the largest forest cover in India</p> <ul style="list-style-type: none"> • Read the full report here: India State of Forest Report 2021 	<p>India's forest & tree cover rose by 2,261 sq km in last 2 years</p>
<p>Atal Ranking of Institutions on Innovation</p>	<p>the Ministry of Education's innovation cell</p>	<p>IIT Madras has bagged the first position</p>	<p>A total of 1,438 higher education institutions (HEIs) including all IITs,</p>

Achievements (ARIIA) 2021			NITs, and IISc participated in the third edition of ARIIA rankings.
Smart City Index 2022	The Institute for Management Development, in collaboration with Singapore University for Technology and Design (SUTD)	Top 3 cities: 1. Bhopal 2. Indore 3. Varanasi	Prayagraj tops the country in terms of cities which were selected for development under phase III of the Smart City Project.

Latest Reports

Reports	Released / Published by	Subject Matter	Ranking	Additional Points
'Tech Cities: The Global Intersection of Talent and Real Estate' report	Cushman and Wakefield	Top tech hubs list in the Asia Pacific region	Topped by Beijing	Bengaluru ranks second in the Asia Pacific region

Most costly cities in India	Mercer's 2022 Cost of Living assessment	Most expensive cities in terms of both living expenses and lodging costs	Mumbai (most expensive city)	<ul style="list-style-type: none"> • Kolkata is the least costly city in Asia. • Mumbai followed by New Delhi, Chennai, Bengaluru, and Hyderabad.
"first World report on the health of refugees and migrants".	World Health Organisation	Top recipient countries of remittances	India was the top recipient country for remittance inflows in 2021 (US\$ 87 billion)	China (\$53 billion), Mexico (\$53 billion), the Philippines (\$36 billion) and Egypt (\$33 billion) were the top five nations in the list.
State of Food Security and Nutrition in the World 2022 report	World Health Organization (WHO), International Fund for Agricultural Development (IFAD), UNICEF, World Food Programme (WFP), and Food and Agriculture Organization (FAO)	Report on undernourished people stats	<ul style="list-style-type: none"> • 828 million people worldwide were suffering from hunger in 2021. • There were 224.3 million undernourished peoples in India in 2019-21, down from 247.8 million in 2004-06.

IMPORTANT DAYS

Date	Day	Theme
April 2	World Autism Awareness Day	The 2022 theme for World Autism Awareness Day is "Inclusive Quality Education for All".
April 2	International Children's Book Day	In 2022, Canada is hosting International Children's Book Day with this chosen theme: "Stories are wings that help you soar every day."
April 5	National Maritime Day	The theme of the National Maritime Day is "Sustainable Shipping beyond Covid-19".
April 7	World Health Day	Theme 2022 - 'Our Planet, Our Health
April 10	World Homoeopathy Day	World Homeopathy Day is celebrated each year on April 10 to pay tribute to homeopathy and its contribution to the world of medicine.
April 14	Ambedkar Jayanti	Ambedkar Jayanti (also known as Bhim Jayanti) is celebrated on 14 April to commemorate the birth anniversary of Babasaheb Dr Bhim Rao Ambedkar.
April 16	Save the Elephant Day	Save the Elephant Day is celebrated on April 16 every year to raise awareness about the dangers elephants face and the various difficulties they have to overcome to live.
April 17	World Hemophilia Day	World Hemophilia Day 2022 Theme: "Access for All:

		Partnership. Policy. Progress".
April 18	World Heritage Day	The theme for World Heritage Day 2022 is "Heritage and Climate".
April 21	World Creativity and Innovation Day	The theme of World Creativity and Innovation Day 2022: Collaboration.
April 21	National Civil Services Day	India observes National Civil Services Day on April 21 every year to acknowledge the works of officers engaged in several public service departments in the country.
April 22	International Mother Earth Day	The theme of Earth Day 2022 is to 'Invest in our planet'.
April 24	National Panchayati Raj Day	National Panchayati Raj Day is celebrated every year to mark the beginning of decentralized power through gram panchayats.
April 25	World Malaria Day	Theme 2022 - "Harness innovation to reduce the malaria disease burden and save lives".
April 26	World Intellectual Property Day	The theme of World Intellectual Property Day 2022 is "IP and Youth: Innovating for a Better Future".
April 28	World Day for Safety and Health at Work	This year's theme of the World Day for Safety and Health at Work is "Participation And Social Dialogue In Creating A Positive Safety And Health Culture".
April 29	International Dance Day	The day celebrates the value and importance of the dance

		and encourages participation and education in this art form through events and festivals.
April 24 to 30	World Immunization Week	This year, the theme for World Immunization Week is "Long Life for All".

Date	Day	Theme
May 1	International Labour Day	It recognizes employees' contributions to society and their willingness to make sacrifices.
May 3	World Press Freedom Day	This year's World Press Freedom Day theme is "Journalism Under Digital Siege"
May 4	International Firefighter's Day 2022	The main aim of this day is to recognise and honour professional firefighters across the world
May 5	World Hand Hygiene Day	Theme 2022 - Unite for safety: clean your hands
May 7	World Athletics Day 2022	The basic objective of World Athletics Day is to boost the participation of youths in athletics
May 8	World Mother's Day	This day celebrates mother's unconditional love and sacrifices made by her for the children
May 8	World Red Cross Day	The theme of World Red Cross Day 2022 is 'BeHumanKind'
May 8	World Thalassaemia Day	Theme 2022: "Be Aware. Share, Care: Working with the global community as to improve thalassaemia knowledge"

May 11	National Technology Day 2022	Every year on this day, officials pay honour to India's scientists for their achievements
May 12	International Nurses Day	The Day is celebrated annually to honour and celebrate the invaluable and selfless contributions of nurses to sick patients all over the world
May 14	World Migratory Bird Day	The day raises awareness about the problems that migratory birds face. "Impact of Light Pollution on Migratory Birds" is the theme of the campaign for 2022
May 16	National Dengue Day	It is an initiative of the Ministry of Health and Family Welfare to spread awareness about dengue among people
May 17	World Hypertension Day	World Hypertension Day is observed every year on 17th May, to raise awareness and encourage hypertension prevention, detection, and treatment
May 18	International Museum Day	Theme 2022 - "The Power of Museums"
May 20	National Endangered Species Day	Theme 2022 - "Recovering key species for ecosystem restoration"
May 20	World Bee Day	The Theme 2022 of World Bee Day is 'Bee Engaged: Celebrating the diversity of bees and beekeeping systems'
May 21	International Tea Day	The day is known to create awareness about safe working conditions for the tea

		workers, fair trade and a sustainable environment to improve the production of tea
May 21	Anti-Terrorism Day	Anti-Terrorism Day is observed every year on 21 May, on the death anniversary of former Prime Minister Rajiv Gandhi
May 22	International Day for Biological Diversity	Theme 2022 - "Building a shared future for all life"
May 25	International Missing Children's Day 2022	The aims of the day are to place a spotlight on the issue of child abduction, educate parents on safeguarding measures to protect their children and also honour those who have never been found and celebrate those who have
May 28	World Menstrual Hygiene Day	Theme 2022 - "making menstruation a normal part of life by 2030."
May 29	International Day of UN Peacekeepers	The theme for 2022 is "People Peace Progress: The Power of Partnerships"
May 31	World No Tobacco Day	Theme 2022 - "Threat to our Environment"

Date	Day	Theme
June 1	World Milk Day	In 2022, World Milk day will follow the theme of achieving "Dairy Net Zero"
June 3	World Bicycle Day	The day celebrates bicycles as a symbol of human progress, sustainability, and social inclusion, and as a tool

		promoting a culture of peace
June 5	World Environment Day	The theme for this year's celebration of World Environment Day is 'Only One Earth'
June 7	World Food Safety Day	This year, the theme is 'Safer food, better health'. WHO also launched a campaign to inspire global participation
June 8	World Oceans Day	The 2022 theme for World Oceans Day is "Revitalisation: Collective Action for the Ocean"
June 12	World Day Against Child Labour	Theme 2022 - "Universal Social Protection to End Child Labour"
June 14	World Blood Donor Day	Theme 2022 - "Donating blood is an act of solidarity. Join the effort and save lives"
June 15	World Wind Day	The purpose of this day is to increase public knowledge of wind energy and its uses
June 16	World Sea Turtle Day	This day is celebrated to save this aquatic species from extinction
June 17	World Day to Combat Desertification and Drought	Theme 2022 - 'Rising up from drought together'
June 17	World Crocodile Day	The Day is observed every year to raise awareness about the plight of the crocodiles and protect them from extinction in the near future
June 19	National Reading Day	India celebrates June 19 as the National Reading Day in honour of P N Panicker, the

		father of the Library and Literacy Movement in Kerala
June 20	World Refugee Day	The theme for the year 2022 is 'Right to Seek Safety'
June 21	International Day of Yoga	Theme 2022 - "Yoga for Humanity"
June 21	World Music Day	Theme 2022 - "Music on the intersections"
June 21	World Hydrography Day	The theme for 2022 is: "Hydrography - contributing to the United Nations Ocean Decade"
June 23	International Olympic Day	The theme for 2022 is 'Together, For a Peaceful World'
June 26	International Day against Drug Abuse and Illicit Trafficking	It is observed to raise awareness about drug abuse and the illegal drug trade
June 29	National Statistics Day	Theme 2022 - 'Data for Sustainable Development'
June 30	International Asteroid Day	The theme of International Asteroid Day 2022 is "Small is beautiful"

Date	Day	Theme
July 1	Goods and Services Tax (GST) Day	The GST Day is observed every year on July 1 to commemorate the implementation of the Goods and Services Tax (GST) that replaced the old indirect tax regime in the country.
July 1	National Doctors' Day	The day is observed every year to highlight the selfless contributions of doctors to the society. Theme 2022 - "Family Doctors on the Front

		Line.
July 2	International Day of Cooperatives	The day will be observed on 2 July to highlight the contributions of the cooperative movement. “Cooperatives Build a Better World” – echoes the theme of the International Year.
July 6	World Zoonoses Day	World Zoonoses Day is observed every year on July 6 to commemorate the first vaccination administered against a zoonotic disease like Ebola, Avian influenza, and West Nile virus.
July 11	World Population Day	World Population Day is observed annually to highlight the problems of the global population issues. Theme 2022 - “A world of 8 billion: Towards a resilient future for all - Harnessing opportunities and ensuring rights and choices for all
July 15	World Youth Skills Day	The sole purpose of this day is to provide essential skills to youngsters around the globe so that they can get employment. The theme for 2022 is 'Transforming youth skills for the future.
July 18	Nelson Mandela International Day	The theme for Nelson Mandela International Day 2022 is “Do what you can, with what you have, where you are”, according to the United Nations
July 20	World Chess Day	World Chess Day is celebrated annually on July

		20 globally. The day marks the date of the establishment of the International Chess Federation (FIDE) in Paris in 1924
July 20	International Moon Day	On July 20, 1969, US astronauts Neil Armstrong and Buzz Aldrin became the first humans to reach the lunar planet
July 23	National Broadcasting Day	National Broadcasting Day is observed on July 23 in India. The day aims to remind Indian citizens about the impact of radio on our lives
July 24	National Income Tax Day	National Income Tax Day is celebrated to highlight the importance of Income Tax for the nation-building exercise
July 25	World Drowning Prevention Day	The United Nations recognised this day for the global advocacy of drowning prevention with a resolution
July 26	Kargil Vijay Diwas	Kargil Vijay Divas is celebrated every year to commemorate India's victory over Pakistan in the Kargil War in the year 1999
July 28	World Hepatitis Day	The day is observed every year to raise awareness about the life-threatening viral disease Hepatitis, its complications and the ways and means to prevent its spread. Theme 2022 - 'Bringing hepatitis care closer to you.
July 28	World Nature Conservation Day	The day is observed annually to create awareness about the

		importance of natural resources and the efforts needed for their conservation. Theme 2022- 'Living Sustainably in Harmony with Nature.'
July 29	International Tiger Day	The day is observed every year to raise awareness about the appropriate action to be taken to save the rapidly declining population of tigers.
July 30	World Day Against Trafficking in Persons	This year's theme "Use and abuse of technology" focuses on the role of technology as a tool that can both enable and impede human trafficking

Date	Day	Theme
August 1	World Lung Cancer Day	Every year, World Lung Cancer Day is observed on 01st August to raise awareness about the causes and treatment of lung cancer
August 1	Muslim Women's Rights Day	Muslim Women's Rights Day is observed every year on the 01st of August to celebrate the enforcement of the law against the 'Triple Talaq' rule
August 1-7	World Breastfeeding Week	The theme for World Breastfeeding Week 2022 is 'Step Up for Breastfeeding: Educate and Support'
August 6	Hiroshima Day	Hiroshima Day is observed on August 6 to commemorate the atomic bombing of Hiroshima, Japan, in 1945, at the end of World War II
August 7	National	The National Handloom Day

	Handloom Day	is observed annually to honour the handloom-weaving community and to recognise the contribution of the handloom sector
August 9	International Day of World's Indigenous Peoples	Theme 2022 - 'The Role of Indigenous Women in the Preservation and Transmission of Traditional Knowledge'
August 9	Nagasaki Day	The Nagasaki Day is observed every year to commemorate the day when the US military dropped an atomic bomb named 'Fat Man' from US B-29 bomber on the city of Nagasaki
August 10	World Biofuel Day	World Biofuel Day is commemorated on 10 August every year to raise awareness about the use of non-fossil fuels
August 10	World Lion Day	The day aims to spread awareness of lions and the urgent need to strive toward their conservation
August 12	World Elephant Day	The main objective of World Elephant Day is to create awareness on elephant conservation
August 12	International Youth Day	The theme for 2022's edition of International Youth Day is "Intergenerational solidarity: creating a world for all ages."
August 13	World Organ Donation Day	This year's theme for World Organ Donation Day 2022 is "let's pledge to donate organs and save lives"

August 13	International Lefthanders Day	The day is observed to raise awareness about the lefty people's experience with living in a right-hand dominant world
August 14	Partition Horrors Remembrance Day	The partition of India into India and Pakistan led to grave violence and communal riots, loss of property, and extreme upheaval
August 19	World Photography Day	Theme 2022 - "Pandemic Lockdown through the lens"
August 19	World Humanitarian Day	Theme 2022 - 'It takes a village', based on the famous saying, "It takes a village to raise a child."
August 20	World Mosquito Day	2022 Theme: "Harness innovation to reduce the malaria disease burden and save lives."
August 21	World Senior Citizen Day	The day is observed with the intent to highlight the contributions of elderly people in human society
August 21	International Day of Remembrance and Tribute to the Victims of Terrorism	The theme for 2022's International Day of Remembrance of and Tribute to the Victims of Terrorism is "memories," as mentioned in a United Nations (UN)
August 22	International Day Commemorating the Victims of Acts of Violence Based on Religion or Belief	On this day, the international community honours the survivors and victims of religious-based violence
August 23	International Day for the	Theme 2022 - 'Stories of Courage: Resistance to

	Remembrance of the Slave Trade and Its Abolition	Slavery and Unity against Racism'
August 26	International Dog Day	International Dog Day is celebrated annually on August 26 to promote the adoption of dogs instead of buying them from pet shops
August 26	Women's Equality Day	Women's Equality Day 2022 theme is "Gender Equality Today for a Sustainable Tomorrow"
August 29	National Sports Day (NSD)	The NSD is observed annually marking the birth anniversary of Major Dhyan Chand, the hockey wizard of India
August 29	International Day against Nuclear Tests	The Day aims to raise awareness about the devastating effects of nuclear weapons testing and achieve a nuclear-weapons-free world
August 30	National Small Industry Day	The day is observed every year to celebrate the rise and development of small-scale businesses for the economic development of the country
August 31	International Day for People of African Descent	The day is observed every year to highlight the exceptional contributions of Africans and people of African descent around the world

Date	Day	Theme
September 2	World Coconut Day	Theme 2022 - "Growing Coconut for a Better Future and Life"
September 5	National Teachers Day	Teachers' Day is observed in

		honour of Dr Sarvepalli Radhakrishnan, the greatest teacher and scholar of the country
September 9	Himalaya Day	The theme of this year's Himalaya Day is to establish Himalaya as a climate controller
September 10	World Suicide Prevention Day	Theme 2022 - "Creating hope Through Action"
September 14	Hindi Diwas	Hindi Diwas or Hindi Day is observed every year to mark the popularity of Hindi as an official language of India and to promote its use across the nation
September 15	Engineer's Day	The day is observed every year to commemorate the birth anniversary of the country's greatest engineer Sir Mokshagundam Visvesvaraya
September 15	International Day of Democracy	This year, the day is focused on the "importance of media freedom to democracy, peace, and delivering on the Sustainable Development Goals"
September 16	International Day for the Preservation of the Ozone Layer	The theme announced by the UN Environment Programme for International Day for the Preservation of the Ozone Layer 2022 is 'Global Cooperation Protecting Life on Earth'
September 18	International Equal Pay Day	The Day is observed every year to raise awareness about wage gap discrimination between men and women
September 18	World Bamboo Day	World Bamboo Day 2022 is observed on September 18 in order to raise awareness about the conservation of this

		extremely useful plant
September 21	International Day of Peace	This year's theme is "End racism. Build peace"
September 21	World Alzheimer's Day	This year's theme for World Alzheimer's Month is 'Know Dementia, know Alzheimer's'
September 25	International Daughter's Day	This day is celebrated to cherish our daughters who bring love and happiness to our lives
September 25	World Pharmacists Day	The goal of highlighting and advocating the pharmacist's contribution to health improvement
September 25	World Rivers Day	The theme for this year's World Rivers Day is 'The importance of Rivers to Biodiversity'
September 26	World Contraception Day	The day focus on creating awareness about contraceptive knowledge and family planning
September 26	International Day for Total Elimination of Nuclear Weapons	The aim of the day is to enhance public awareness about the threat posed to humanity by nuclear weapons
September 26	World Environmental Health Day	The theme for this year's World Environment Health Day is "Strengthening Environmental Health Systems for the implementation of the Sustainable Development Goals"
September 27	World Tourism Day	Theme 2022 - 'Rethinking Tourism'
September 28	World Rabies Day	2022 Theme: "One Health, Zero Death"
September 29	World Heart Day	Theme 2022 - 'USE HEART FOR EVERY HEART'
September 29	World Maritime Day	The theme for World Maritime Day 2022 is 'New technologies

for greener shipping'



FESTIVALS

Bathukamma festival

- ❖ Bathukamma is a flower festival celebrated by women in Telangana and parts of Andhra Pradesh.
- ❖ Every year this festival is celebrated for nine days starting from Pitru Amavasya as per Sathavahana calendar.
- ❖ Bathukamma is celebrated for nine days and coincides with the festival of Sarada Navratri and Durga Puja.

Rosh Hashanah

- ❖ Rosh Hashana is one of the most significant Jewish holidays.
- ❖ It represents the beginning of the Jewish New Year.

King Chilli (Raja Mircha) festival

- ❖ The first-of-its-kind Naga Mircha (Naga King Pepper) Festival 2022 in Nagaland was organized at Sayahama village under Kohima district.

Nuakhai Juhar

- ❖ Nuakhai Juhar is an agricultural festival in India that marks the beginning of the new paddy season.
- ❖ The festival is mostly celebrated by the people of Western Odisha and South Chhattisgarh.

Pulikali festival

- ❖ Pulikkali means Leopard Dance.
- ❖ It is mainly celebrated in the state of Kerala, India.
- ❖ It is performed by trained artists to entertain people on the occasion of Onam, an annual harvest festival.

Shumang Leela Festival

- ❖ The 50th All Manipur Shumang Leela Festival 2021-2022 kicked off at Iboyaima Shumang Leela Shanglen at Palace Compound in Imphal.
- ❖ It is a traditional form of theatre in Manipur.
- ❖ In this festival, the roles of female artists are played by all male actors and the male characters are played by female artists in the case of female troupes.

Hareli Tihar festival

- ❖ This is a traditional farm festival celebrated in Chhattisgarh.
- ❖ Hareli marks the beginning of Shravan month.
- ❖ It is considered to be the first festival of Chhattisgarh.
- ❖ On this auspicious occasion, farmers worship their farm equipment and cows.

Kharchi Festival

- ❖ Kharchi Puja is a tribal festival celebrated in Tripura.
- ❖ The literal meaning of Kharchi is - 'cleaning of sins'
- ❖ In this festival, prayers are offered to 14 deities.

Bonalu Festival

- ❖ Bonalu Festival is a Hindu festival where Goddess Mahakali is worshipped.
- ❖ This festival is usually celebrated during the Ashada Masam which falls in July or August.
- ❖ The festival is mainly celebrated in Telangana's twin cities of Hyderabad and Secunderabad and other parts of Telangana.

Mango Festival

- ❖ [Piyush Goyal](#), Union Minister of Commerce and Industry, has inaugurated a "Mango Festival" in Brussels, Belgium.
- ❖ The mango festival is celebrated to raise awareness among Europeans and establish a market for Indian mangoes in Europe.

Baikho Festival

- ❖ The annual ancient Baikho festival, is celebrated in the month of June across the state of Assam.
- ❖ The festival is predominately celebrated by the Rabha tribes.
- ❖ The festival celebrated to bring abundant crops and good health
- ❖ The Rabha is a Tibeto-Burman agriculture-based community.
- ❖ Majority of the community lived in lower Assam, Garo hills and Door region in West Bengal.

Lavender Festival

- ❖ Union Minister of Science and Technology Dr Jitendra Singh inaugurated the
- ❖ India's First Lavender Festival started in Bhaderwah town in the Doda district of Jammu and Kashmir(J&K).
- ❖ The festival was inaugurated by Union Minister of Science and Technology Dr Jitendra Singh.
- ❖ CSIR-IIM introduced lavender farming in Jammu & Kashmir's Rama, Doda, Kathua, Kishtwar, Rajouri, Udhampur, Pulwama, Kupwara, Anantnag, and Bandipora districts.
- ❖ CSIR-IIIM stands for Council of Scientific and Industrial Research-Indian Institute of Integrative Medicine.

Shirui Lily Festival

- ❖ The 4th edition of the Shirui Lily Festival began at Shirui village in Manipur's Ukhrul district.
- ❖ The festival was inaugurated by the Governor of Manipur La. Ganesan along with the Chief Minister N. Biren Singh at Shirui Village Ground in Ukhrul district
- ❖ Shiri Lily or *Lilium Mackliniae* is the state flower of Manipur.

First Ever Bird Festival of Jammu and Kashmir

- ❖ The bird festival is celebrated to promote sustainable ecotourism and give impetus to nature-based alternative sources of livelihood for the local people.
- ❖ The festival is planned to be held in Pahalgam and Dachigam, Jammu and Kashmir.

Gangaur Festival

- ❖ The annual festival Gangaur is celebrated from the 1st day of the month of Chaitra.
- ❖ The festival is consummated on the 3rd day of Shukla Paksha of the same month.
- ❖ The festival is mostly celebrated by the married women of Rajasthan.
- ❖ marks the worship of Goddess Gauri.

Nature Festival Sarhul

- ❖ The festival Sarhul, signifies the beginning of the New Year.
- ❖ It was celebrated in the state of Jharkhand.
- ❖ The verbal meaning of Sarhul is “worship of the Sal tree”.
- ❖ It is a three-day festival, which begins on the third day of ‘Chaitra’.
- ❖ It is a tribal festival which is celebrated by the Oraon, the Munda, and the Ho tribes of the Jharkhand region.
- ❖ Sarhul marks the advent of the spring season or “Phaagun” and is celebrated till the month of June or “Jeth”.

Hearth Festival

- ❖ Herath or the ‘Night of Hara(Shiva)’, generally known as Maha Shivratri.
- ❖ The festival is celebrated by the Kashmiri Pandits across Jammu and Kashmir(J&K).
- ❖ The festival marks the wedding of Lord Shiva with Goddess Parvati.

Dol Utsav

- ❖ The festival Dol Utsav is mainly celebrated by the people of West Bengal.
- ❖ The ‘Dol Utsav’ or ‘Dol Jatra’, marks the onset of the spring season.
- ❖ The festival is dedicated to Lord Krishna and Radha and celebrated on full moon day.

Spituk Gustor Festival 2022

- ❖ The Spituk Gustor Festival celebrated in Ladakh.
- ❖ It is a celebration of peace and prosperity.

- ❖ The festival is celebrated at the Spituk Monastery in Leh and Ladakh.
- ❖ The festival's main attraction was the colourful mask dance locally called Chams.
- ❖ The colourful mask dance performed by the monks of the monastery.

Torgya Festival

- ❖ The Torgya Festival begins in Arunachal Pradesh at Tawang Monastery.
- ❖ The three days long festivals celebrated by the Monpa tribal community of Arunachal Pradesh.
- ❖ The festival's main attraction is the 'Sha-na Cham', the ritual dance performed by monks.
- ❖ Other popular dances are performed by artists including Fa Chan and Losjker Chungiye.

Mandu Festival

- ❖ The three-day-long "Mandu Festival" began at the historic town of Mandu in the Dhar district of Madhya Pradesh.
- ❖ This festival showcases each and every aspect of the ancient Mandu city, ranging from food, music, history heritage, art & craft etc.

Ancient Kanchoth festival

- ❖ The ancient Kanchoth festival is a symbol of ancient Nag culture.
- ❖ It was observed with religious fervour and gaiety across the Chenab valley region of Jammu and Kashmir.
- ❖ The festival is celebrated by locals, mainly Nag followers who believe that on this day of Gouri Tritiya, Lord Shiva and Goddess Parvati got married and the latter insisted on a throne made of snow as her wedding gift.

Maru Mahotsav

- ❖ The Maru Mahotsav is celebrated at the Pokaran village in Jaisalmer, Rajasthan.
- ❖ The renowned Maru Mahotsav is also known as Jaisalmer Desert Festival.
- ❖ The four-day festival began with a colourful parade followed by Miss Pokaran and Mister Pokran competitions.

- ❖ It is held in the Hindu month of Magh (February) three days before the full moon.
- ❖ Various competitions, including Turban tying, Panihari Matka, Mehendi and Mandana competitions will be organised.
- ❖ Regional folk dances such as Kalbelia, Kachhi Ghodi, and Gair will be performed.

Medaram Jathara 2022

- ❖ The 2022 Medaram Jathara Festival is celebrated in Telangana.
- ❖ It is a four-day long festival celebrated by the Koya tribes.
- ❖ Koya tribes is the second-largest Tribal Community of Telangana.
- ❖ The Medaram Jathara is celebrated biennially (once in two years) in the month of February.
- ❖ The festival is celebrated to honour the Goddesses Sammakka and Saramma, mother and daughter duo.
- ❖ The Medaram Jathara begins at Medaram in Tadvai Mandal in Mulugu District, Telangana
- ❖ Medaram is a remote place in the Eturnagaram Wildlife Sanctuary.
- ❖ It was declared a State Festival in 1998.

48th Khajuraho Dance Festival

- ❖ The 47th Khajuraho Dance Festival began in **Khajuraho, Madhya Pradesh.**
- ❖ The first-day event is dedicated to Bharatanatyam performance by Geeta Chandran and her troupe and Kathak performance by Deepak Maharaj.

Losoong / Namsong Festival

- ❖ Annually celebrated across the Indian State of Sikkim.
- ❖ Losoong festival is celebrated as Sonam Losoong, by the Sikkimese Bhutia and as Namsong by the Lepchas.
- ❖ It marks the beginning of the harvest season.
- ❖ The Namsong festival begins on the 1st day of the new moon phase Kurneet Lovo.

North East Festival

- ❖ The 9th edition of the North East Festival was held in Guwahati, Assam.
- ❖ The Festival was inaugurated by Jagdish Mukhi, Governor of Assam.



IMPORTANT TARGET YEARS

Important Target Year 2022

- ❖ Completion of **Banihal to Katra Railway link**.
- ❖ The central government **proposed to create 75 lakh Self Help Groups**.
- ❖ Indian Railways has **decided to use radio-frequency identification tags (RFID) for tracking all wagons**.
- ❖ The Union government has decided to **make India Trans Fat-free**.
- ❖ India Targets **175 GW Renewable Energy by 2022**.
- ❖ India sets **Food grains Production target of 307 Million Tonnes for 2021-22**.
- ❖ Ministry of Road Transport & Highways (MoRTH) is set to **achieve its target of constructing highways (Road) of 40 Kms per day in FY 2021-22**
- ❖ The government of India has set a target of **10% blending of fuel-grade ethanol with petrol by 2022**.
- ❖ Ministry of Science & Technology, Dr Jitendra Singh, has announced that the center will set up **30 Science Technology and Innovation (STI) Hubs across India for Scheduled Tribes (STs) by the end of 2022** for their overall socio-economic development.

Important Target Year 2023

- ❖ The central government has set a target of **eliminating Kala-azar from the country by 2023**.
- ❖ The **International Cricket Council is planning to scrap the five-day Tests**.
- ❖ **Arunachal Pradesh** has proposed to **provide tap connections to all households**.
- ❖ **Railway Board** has announced to **connect all the capitals of North-Eastern states to the rail network**.
- ❖ **Katra-Delhi Express Road Corridor** will be functional.
- ❖ India will be **self-reliant in the production of fertilizers**.
- ❖ **Indian Railways** have planned for **100 % electrification of its broad gauge routes**.
- ❖ The **Union Cabinet** has approved the continuation of the **centrally sponsored scheme for fast-track special courts till 2023**.
- ❖ The **ISRO-NASA joint mission NISAR (NASA-ISRO Synthetic Aperture Radar) satellite** is proposed to be launched in **2023**

Important Target Year 2024

- ❖ India is planning to achieve a **USD 250 billion maritime economy**
- ❖ The **Indian Railways will run 100% on electricity.**
- ❖ The government of India has set a target to **reduce road accident deaths by 50% by 2024.**
- ❖ The Union government has extended the **deadline of the EV promotion scheme FAME-II till 2024.**
- ❖ The **rice made available** under every government program in India will **be fortified by 2024.**
- ❖ **Six lakh villages** of the country will get **internet connectivity under the Bharat Net program by 2024.**
- ❖ India aims to **attain self-sufficiency in the coal sector by 2024.**
- ❖ It has set a target to **achieve 1 Billion Tonnes of Coal by 2023-24.**
- ❖ The Government of India targets **defense exports worth \$5 billion by 2024.**

Important Target Year 2025

- ❖ India has set a **target of ending tuberculosis.** (Under Pradhan Mantri TB Mukh Bharat Abhiyaan)
- ❖ **Doubling Milk Processing capacity.**
- ❖ The **Union Government** has set a target to increase the number of **Pradhan Mantri Bhartiya Janaushadhi Kendras (PMBJK) to 10,500.**
- ❖ The **Union Government** is aiming to **increase fisheries exports to Rs/- 1 trillion by 2025.**
- ❖ The government of India has set a target of **20% blending of fuel-grade ethanol with petrol by 2025.** (It was earlier decided to meet this target by 2030)
- ❖ The government set the target of **building 220 airports** across India by the **end of 2025.**
- ❖ The center has amended the National Biofuel Policy-2018 for **ethanol blending in petrol to 20%, from 2030 to 2025.**

Important Target Year 2026

- ❖ The government of India has set a **target of 15% blending of fuel-grade ethanol with petrol by 2026**

Important Target Year 2030

- ❖ The central government has set a target of increasing the share of natural gas in the energy mix to 15% by 2030.
- ❖ India has set a target of producing 5 million tonnes of green hydrogen by 2030 under the National Hydrogen Mission.
- ❖ **Indian Railways** will become net-zero carbon emitter.
- ❖ Child Marriage free Odisha by Odisha govt.
- ❖ India is working to achieve zero road accident fatalities.
- ❖ Indian Railway's energy consumption is set to become more than 33 billion units.
- ❖ India aims for 100 million tonnes (MT) of **coal gasification**.
- ❖ **India has set a target to restore 26 million hectares of degraded and deforested land, and achieve land-degradation neutrality.**
- ❖ India is **expected to overtake China** as the world's largest cooking gas, **LPG residential sector market**.
- ❖ India has taken a **target of creating additional 2.5 billion tonnes of carbon sequestration** by 2030.
- ❖ The government of India set a **target to achieve 450 GW of renewable energy** by 2030.
- ❖ India has set a target to achieve a **5% blending of Biodiesel in Diesel** by 2030.
- ❖ By 2030, India will increase its **non-fossil capacity to 500 GW**.
- ❖ By 2030, India will fulfill 50 percent of its energy requirements with **renewable energy**.
- ❖ India will **reduce one billion tonnes of the total projected carbon emission between now and 2030**.
- ❖ **By 2030, India will reduce its economy's carbon intensity to less than 45%.**
- ❖ On **World Rabies Day**, the National action plan for **dog-mediated rabies elimination** has been released to eliminate Rabies by 2030.

Important Target Year 2031

- ❖ As informed by Union Minister Jitendra Singh, **India's nuclear capacity will reach 22,480 MW by 2031.**

Important Target Year 2047

Prime Minister Narendra Modi has set a target of becoming '**energy independence**' by 2047.

Important Target Year 2070

- ❖ India set a target to achieve '[Net Zero, Carbon Emissions](#)' by 2070.



MISCELLANEOUS

➤ Lulo Rose

- ✓ Largest pink diamond in 300 years “Lulo Rose” found in Angola.
- ✓ A rare pure pink diamond, believed to be the largest found in 300 years, has been unearthed in Angola, a country in Central Africa. The Lulo Rose is a type 2a diamond, meaning it has few or no impurities.
- ✓ It is the fifth largest diamond recovered from the Lulo mine - a joint venture between Australia’s Lucapa Diamond Company and the Angolan government.

Apps and Web portal

Apps & Portal	Launched by	Purpose
Lucky Bill App	Kerala	To curb GST evasion
Matsya Setu mobile app	National Fisheries Development Board	It helps fish farmers and other interested parties to identify inputs - such as fish seed, feed, medicine, etc. - and services required for fish farming.
Indian Herbarium’ Virtual web portal	Botanical Survey of India	Database of dried plants in JPEG image format that maximizes the usefulness of the collections
Udyam portal	MSME Ministry	To provide various benefits to MSME businesses in India.
Government Marketplace Portal (e-GeM)	Ministry of Cooperation	Online platform for public procurement
NIDAAN Portal (National Integrated Database on Arrested Narco-offenders)	Narcotics Control Bureau (NCB)	It provides information on drug offenders

District good governance portal	Arunachal Pradesh	To track and access the performance of each district in the state on a monthly basis.
Repos Pay	Union Minister Narayan Tatu Rane of the Ministry of Micro, Small and Medium Enterprises (MoMSME)	“Repos Pay” is a platform through which a person can order a Mobile Electric Charging Vehicle on application (app) and charge their vehicles.
Phy-gital	Union Minister Narayan Tatu Rane of the Ministry of Micro, Small and Medium Enterprises (MoMSME)	It will bring credit to fuel customers (Buy Now, Pay Later) through Technology.
AadhaarFaceRd	Unique Identification Authority of India (UIDAI)	<ul style="list-style-type: none"> The app provides Face authentication feature to verify Aadhaar number holder’s identity.
Pariksha Sangam	Central Board of Secondary Education (CBSE)	<ul style="list-style-type: none"> The portal will provide all CBSE related information like - CBSE circular, Latest CBSE news, reference material, sample paper, model paper, Question Bank, school results etc.
Knowledge Portal (www.coek.in)	KVIC (Khadi and Village Industries Commission)	To provide design directions to the Khadi institution

Loans and Grants

Bank/ Organizations	Loan Amount	Received By	Purpose
World Bank	USD 200 Million	India	For Himachal Pradesh (HP) Power Sector Development Program
World Bank	USD 1 Billion	India's Health Sector	To support India's flagship Pradhan Mantri-Ayushman Bharat Health Infrastructure Mission (ABHIM)
Asian Development Bank (ADB)	USD 96.3 million	Himachal Pradesh	To provide safe drinking water, sanitation services and improve water supply in Himachal Pradesh under the Himachal Pradesh Rural Drinking Water Improvement and Livelihood Project.
Japan International Cooperation Agency (JICA)	100,000 million Japanese Yen (almost 6000 cr.)	India	For construction of third phase of Mumbai-Ahmedabad High-Speed Rail (MAHSR).
World Bank	USD 250 million	Government of	To implement and support the Road

		India	Safety Program of government of India
World Bank and the Asian Infrastructure Investment Bank (AIIB)	Rs 7,500 crore	Gujarat	To implement the 'Mission School of Excellence project' of Gujarat. The project improve the quality of education, make infrastructure better and build skills,
Asian Development Bank (ADB)	USD 76.25 million (Rs 551 crore)	Agartala Smart City Limited (ASCL)	Revive lakes and water bodies of Maharaja Bir Bikram College and Renovate and restore of Ujjayanta Palace
Asian Development Bank (ADB)	Total USD 4.6 billion	Government of India	<ul style="list-style-type: none"> • USD 1.8 billion loan for COVID-19-related assistance • USD 1.5 billion loan towards vaccine procurement. • USD 300 million loan to strengthen primary health care (PHC) in urban areas
World Bank	USD 115	• \$6 million -	To implement

	million	Government of India (Land Resources department)	the REWARD Project in the states of Karnataka and Odisha
		<ul style="list-style-type: none"> • \$60 million - Karnataka government • \$49 million - Odisha government 	
Asian Development Bank (ADB)	\$68-million loan	IIFL Home Finance Limited	To provide the financial support for affordable green housing for lower-income women borrowers in India
Reserve Bank of India (RBI)	US\$ 900 million	Sri Lanka	To tackle forex crisis and shortage of almost all essential commodities due to a shortage of dollars.
World Bank	Rs 1000 crore	govern ment of West Bengal	To improve social protection service such as medical help through telemedicine, support for the elderly and differently-abled, financial inclusion of citizens with digital payments and disbursement of benefits for public schemes.

First Woman in 2022

- ❖ **Apeksha Fernandes:** First Indian woman to make to the Junior World finals in the FINA World Junior Swimming Championships 2022.
- ❖ **Vinesh Phogat :** First Indian woman wrestler to win two medals at the World Championship, after winning bronze at the World Wrestling Championship 2022, Belgrade, Serbia.
- ❖ **Savitri Jindal:** Asia's richest woman, as per the real-time Bloomberg Billionaires Index.
- ❖ **Nallathamby Kalaiselvi:** First woman director general of the Council of Scientific and Industrial Research (CSIR).
- ❖ **Wrestler Antim Panghal:** First Indian woman wrestler to be crowned U-20 world champion in the world U-20 wrestling Championship 2022.
- ❖ **Manjari Jaruhar:** First Woman IPS Officer of Bihar. Recently she released her book titled "Madam Sir: The Story of Bihar's First Woman IPS Officer".
- ❖ **Gita Gopinath:** First woman to feature on the 'wall of former chief economists of the International Monetary Fund (IMF).
- ❖ **Piyali Basak:** First Indian woman to scale Mt. Everest without supplemental oxygen.
- ❖ **Lisa Sthalekar:** First-ever woman president of the Federation of International Cricketers' Association (FICA).
- ❖ **Priyanka Mohite (from Satara, Maharashtra):** First Indian woman to scale five peaks above 8,000 meters.
- ❖ **Captain Abhilasha Barak:** Indian Army's first woman combat aviator.
- ❖ **Judge Ketanji Brown Jackson:** First Black woman to serve the Supreme Court of USA.

- ❖ **Madhabi Puri Buch:** First woman chief of Securities and Exchange Board of India (SEBI).
- ❖ **Ritu Khanduri:** First woman speaker of Uttarakhand assembly
- ❖ **Santishree Pandit:** First woman VC of Jawaharlal Nehru Central University
- ❖ **Susanne Pulverer:** First woman Chief Executive Officer (CEO) and Chief Sustainability Officer of IKEA India.
- ❖ **Alka Mittal:** ONGC's first woman Chairman and Managing Director.
- ❖ **Ayesha Malik:** Pakistan's first woman Supreme Court judge
- ❖ **Shivangi Singh:** First woman Rafale fighter jet pilot of the Indian Air Force tableau at the Republic Day Parade.

Major Schemes of Government of India

Food Security Scheme of Central Government

Scheme	Year	Coverage target group	Latest Volume	Issue Price (Rs./Kg)
Public distribution system (PDS)	1992	universal	--	Wheat: 2.34 Rice: 2.89
Revamped Public Distribution System (RPDS)	1992	Backward blocks	20 kg of food grains	Wheat: 2.80 Rice: 3.77
Targeted Public Distribution System (TPDS)	1997	Poor and non-poor APL, BPL	35 kg of food grains	BPL - Wheat-4.15 Rice-5.65 APL - Wheat-6.10 Rice-8.30
Antyodaya Anna Yojana	2000	poorest of the poor (BPL)	35 kg of food grains	Wheat- 2.00 , Rice- 3.00

Annapurna Scheme	2000	Indigent senior citizens	10 kg of food grains	free
National Food Security Act	2013	Priority households	5 kg per person per month	Wheat: 2.00 Rice: 3.00

Wage employment Schemes of the government of India

Scheme	Year	Objective
Swarna Jayanti Shahari Rozgar Yojana	1997	<ul style="list-style-type: none"> To provide gainful employment to the urban unemployed and underemployed poor, through encouraging the setting up of self-employment ventures or provision of wage employment
Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)	2005	<ul style="list-style-type: none"> To enhance livelihood security in rural areas by providing at least 100 days of guaranteed wage employment
National Rural Livelihoods Mission (NRLM)	2011	<ul style="list-style-type: none"> Sustainable Wage employment program through Self Help Groups. In November

		2015, the program was renamed Deendayal Antayodaya Yojana (DAY-NRLM).
National Food For Work Programme	2004	<ul style="list-style-type: none"> • Supplementary wage employment programme for all the Indian poor who are ready to do manual unskilled labour
Sampoorna Grameen Rozgar Yojana	25th Sept. 2001	<ul style="list-style-type: none"> • Aims to provide employment and food to people in rural areas who lived below the poverty line.
PM's Employment Generation Programme (PMEGP)	2008	Aimed at providing employment and self-employment to unemployed.
National Career Service (NCS)	2015	Aimed at replacing the existing nationwide system of Employment Exchanges with IT-enabled Career Centers

Garib Kalyan Rojgar Abhiyaan	2020	The target is to provide 125 days of employment to 670,000 migrant workers, nearly two-thirds of the total migrant labor force returning to rural areas during COVID-19 pandemic.
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Poverty alleviation programs of the Government of India

Scheme	Year	Objective
Integrated Rural Development Programme (IRDP)	1979	<ul style="list-style-type: none"> Helping micro-enterprises by extending loans to beneficiaries for the purchase of assets and by subsidizing asset costs.
National Old Age Pension Scheme (NOAPS)	15 August, 1995	<ul style="list-style-type: none"> Rs.200/- per month pension for old age (age 60-79) people. Rs.500/- per month for the people aged 80 year onward
National Maternity Benefit Scheme	2005	<ul style="list-style-type: none"> This scheme provides a sum of ₹6000 to a pregnant mother in three installments.

Rural Development Programme of Government of India

Scheme	Year	Ministry	Objective
Pradhan Mantri Gram Sadak Yojana (PMGSY)	2001	Ministry of Rural Development	To provide good all-weather road connectivity to unconnected villages.

Sansad Adarsh Gram Yojana (SAGY)	11 October, 2014	Ministry of Rural Development	Development of model villages through implementation of existing schemes and some new initiatives designed for local context, which may vary from village to village.
Swamitva (Survey of Villages Abadi and Mapping with Improved Technology in Village Area) Yojana	April 24, 2020	Ministry of Panchayati Raj	Aims in helping to reduce disputes over property by mapping of properties in villages with the help of drones.
Jal Jeevan Mission	2019	Ministry of Jal Shakti	To provide safe and adequate drinking water through individual household tap connections by 2024 to all households in rural India.
Rashtriya Gram Swaraj Abhiyan (RGSA)	2018	Ministry of Panchayati Raj	Strengthening Panchayati Raj Institutions and helping them achieve Sustainable Development Goals.

Social security programs of the Government of India

Scheme	Year	Objective
Atal Pension Yojana (APY)	1st June 2015	<ul style="list-style-type: none"> • Monthly pension of ₹1,000 to ₹5,000 for the people of age 18 to 40
Pradhan Mantri Suraksha Bima Yojana (PMSBY)	2015	<ul style="list-style-type: none"> • Accident insurance coverage • Insurance coverage up to Rs. 2 Lakh. • Eligibility - Available to people in age group 18 to 70 years with bank account. • Premium- Rs.12 per annum
Pradhan Mantri Jeevan Jyoti Bima Yojana	May, 2015	<ul style="list-style-type: none"> • Available to people in the age group of 18 to 50 and having a bank account. • Premium- Rs.330 per annum. • Risk Coverage - Rs.2 Lakh in case of death for any reason.
One Rank One Pension (OROP) Scheme	2014	<ul style="list-style-type: none"> • Uniform pension be paid to the Armed Forces personnel retiring in the same rank with the same length of service, regardless of their date of retirement.
Pradhan Mantri Vaya Vandana Yojana (PMVVY)	2017	<ul style="list-style-type: none"> • Pension Scheme for the senior citizens aged 60 years and above

Social Welfare Programme of India

Scheme	Year	Objective
Integrated Child Development scheme	1975	<ul style="list-style-type: none"> • To improve the nutritional and health status of children in the age-group 0-6 years
Pradhan Mantri Gramin Awas Yojana (PMGAY)	1996	<ul style="list-style-type: none"> • It provide financial assistance for construction of house for the rural poor in India. • Financial assistance worth Rs.120,000

		for plain areas. • and Rs.130,000 for high land area
Pradhan Mantri Ujjwala Yojana(PMUUY)	1 May 2016	• To distribute 50 million LPG connections to women of Below Poverty Line (BPL) families.
Bharat Nirman	2005	• for building infrastructure and basic amenities in rural areas like rural housing, irrigation potential, drinking water, rural roads, electrification and rural telephony
Pradhan Mantri Gram Sadak Yojana (PMGSY)	25 December 2000	• To provide connectivity to all unconnected habitations in the rural areas having population of more than 500 persons

Government Schemes on Health and Education

Scheme	Year	Objective
Mid-Day Meal Scheme (MDMS)	1995	• Providing meals to school children and improving their nutritional status.
Ayushman Bharat Yojana	2018	• Providing a cover of Rs. 5 lakh per family per year for medical treatment
National TB Elimination Program (India)	1997	• Vision of achieving a "TB free India". • Aims to provide Universal Access to TB control services. • Provides, free of cost, quality tuberculosis diagnosis and treatment services.
National Initiative for Proficiency in Reading	2021	• for ensuring that every child in the country necessarily attains

with Understanding and Numeracy (NIPUN Bharat)		foundational literacy and numeracy (FLN) by the end of Grade 3, by 2026-27.
Sarva Shiksha Abhiyan	2001	<ul style="list-style-type: none"> • Launched by Prime Minister Atal Bihari Vajpayee • Universalisation of primary education. • Aims to educate all children between the ages 6 to 14
National Literacy Mission Programme	5 May 1988	<ul style="list-style-type: none"> • Make 80 million adults in the age group of 15–35 years literate.
Pradhan Mantri Bhartiya Jan Aushadhi Kendra (PMBJK)	1 July 2015	<ul style="list-style-type: none"> • to provide quality medicines at affordable prices to the masses
National Rural Health Mission (NRHM)	2005	<ul style="list-style-type: none"> • To provide accessible, affordable and accountable quality health services to rural areas.
Udaan scheme for girl students	2014	<ul style="list-style-type: none"> • to promote educational opportunities among girl students and address the challenge of lower girl enrolment rates in engineering colleges.

Financial Inclusion Programme of Government of India

Scheme	Year	Objective
Pradhan Mantri Jan Dhan Yojana (PMJDY)	28 August, 2014	<ul style="list-style-type: none"> • aims to expand affordable access to financial services such as bank accounts, remittances, credit, insurance and pensions

Stand-Up India	5 April 2016	<ul style="list-style-type: none"> To support entrepreneurship among women and SC & ST communities. It offers bank loans of between Rs.10 lakh and ₹1 crore for scheduled castes and scheduled tribes and women.
Micro Units Development and Refinance Agency Bank (MUDRA Bank)	8 April 2015	<ul style="list-style-type: none"> It provides loans at low rates to micro-finance institutions and non-banking financial institutions. The bank will classify its clients into three categories and the maximum allowed loan sums will be based on the category <ul style="list-style-type: none"> Shishu -: Allowed loans up to Rs.50,000 Kishor - Allowed loans up to Rs. 5 lakh Tarun - Allowed loans up to Rs.10 lakh

Female welfare Programme of Government of India

Scheme	Year	Ministry	Objective
Swadhar Greh Scheme	31 May 2019	Ministry of Women and Child Development	The scheme provides shelter, food, clothing and health as well as economic and social security to women victims of difficult situations who require institutional support for rehabilitation.

Defense Schemes of the Government of India

Scheme	Year	Ministry	Objective
Agnipath Scheme	2022	Ministry of Defence	For recruitment of soldiers below the rank of commissioned officers into the three services of the armed forces for a period of four years

