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TAMIL NADU



STATES



NATIONAL



INDIA & THE WORLD



INTERNATIONAL



SCHEMES



DEFENCE



SCIENCE & TECHNOLOGY



EVS



ECONOMY



COURT VERDICTS



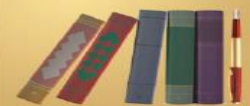
CONFERENCES & SUMMITS



AWARDS



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SPORTS



RANKS & REPORTS



DAYS



OBITUARY



NEWS OF THE MONTH



KNOWLEDGE



APPOINTMENTS



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APPS / PORTALS



MISCELLANEOUS

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TAMIL NADU

➤ **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.
- ✓ To be offered free of cost online, the programme was launched by IIT Madras director Prof V Kamakoti and MDA president D Chandrasekhar.

➤ **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.
- ✓ It will promote awareness regarding sports among the state's youth. Further, the CM also distributed welfare aid to the tune of Rs.16.3 crore to 1,130 sports persons, who won medals in national and international sports events.

➤ **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.
- ✓ On April 25, Minister of Forests K Ramachandran announced in the state Assembly that the Nanjarayan Tank will be turned into a bird sanctuary by using a government fund of Rs 7.5 crore.

- ✓ 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)**
- ✓ Chief Minister M K Stalin - launched the Students in Responsible Police Initiatives (Sirpi) at Kalaivanar Arangam on September 14.
- ✓ 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
- ✓ The initiative will also focus on gaining knowledge in current affairs, good habits, patriotism and other aspects including about social evils such as drugs, alcohol etc.
- **Narikoravan and Kurivikkaran**
- ✓ On September 14, 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.

STATE

➤ **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**

- ✓ On August 29, 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.
- ✓ The state government has started the process of hiring 3,484 constables and had reserved 79 posts for the "male third gender" which was clarified to mean as "transgender".
- ✓ Of the 3,484 posts, 420 have been reserved for Kalyana Karnataka candidates, 11 of them for transgenders.
Of the remaining 3,064 posts, 68 will be set aside for third gender candidates.

NATIONAL

➤ **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”.
- ✓ At present, there are different standards and different analytical methods published in Ayurveda, Siddha, Unani and Homoeopathy (ASU&H) Pharmacopoeias when compared with Indian Pharmacopoeia (IP).
- ✓ The Ministry of Ayush aims to remove this ambiguity through “One Herb - One Standard” initiative.

➤ **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.

COURT VERDICT

- 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.

INTERNATIONAL

- **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.

CONFERENCES & SUMMITS

➤ **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.

➤ **Cyber Crime Investigation and Intelligence Summit 2022**

The 4th Cyber Crime Investigation and Intelligence Summit-2022 is being organised by the Madhya Pradesh Police to improve the knowledge and abilities of police sub-inspectors and senior investigating officers in order to effectively prevent cybercrimes.



DEFENCE

➤ **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 BSF said in a statement on Friday that its tear smoke unit (TSU) in Tekanpur, Gwalior has developed a 'Drone Tear Smoke Launcher' for dropping munitions from unmanned aerial vehicles/drones which will be a potential force multiplier to the security forces in law-and-order management.

➤ **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.
- **Excercise 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'.



ECONOMY

➤ 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.

➤ The Goods and Services Tax (GST) collections - August 2022

- ✓ The Goods and Services Tax (GST) collections - rose 28% year-on-year to around Rs 1.43 lakh crore in August 2022.
- ✓ This is the sixth straight month of over Rs 1.4 lakh crore collection.
- ✓ The gross GST revenue collected in August 2022 stood at Rs 1,43,612 crore of which Central GST is Rs 24,710 crore, State GST is Rs 30,951 crore, Integrated GST is Rs.77,782 crore and cess is Rs.10,168 crore.

➤ 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.

APPOINTMENT

- **Justice M Duraiswamy**
- Justice M Duraiswamy, the seniormost judge of Madras high court - has been appointed acting chief justice of the court from September 13.
- ✓ The present Chief Justice Munishwar Nath Bhandari demits office on September 12.
- ✓ Justice Duraiswamy will hold the post until a new Chief Justice is appointed for the court or till his superannuation on September 22.

AWARDS

- **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.

PERSONALITIES

- **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.

SCIENCE, TECHNOLOGY & ENVIRONMENT

➤ **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.

SPORTS

➤ **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.

➤ **Pallathuruthy Boat Club wins Nehru Trophy**

- ✓ Mahadevikadu Kattil Thekkethil Chundan (snakeboat) rowed by members of the Pallathuruthy Boat Club (PBC) won the 68th edition of the Nehru Trophy Boat Race (NTBR).
- ✓ It was held on Punnamada Lake in Kerala in September 2022.

➤ **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.

OBITUARY

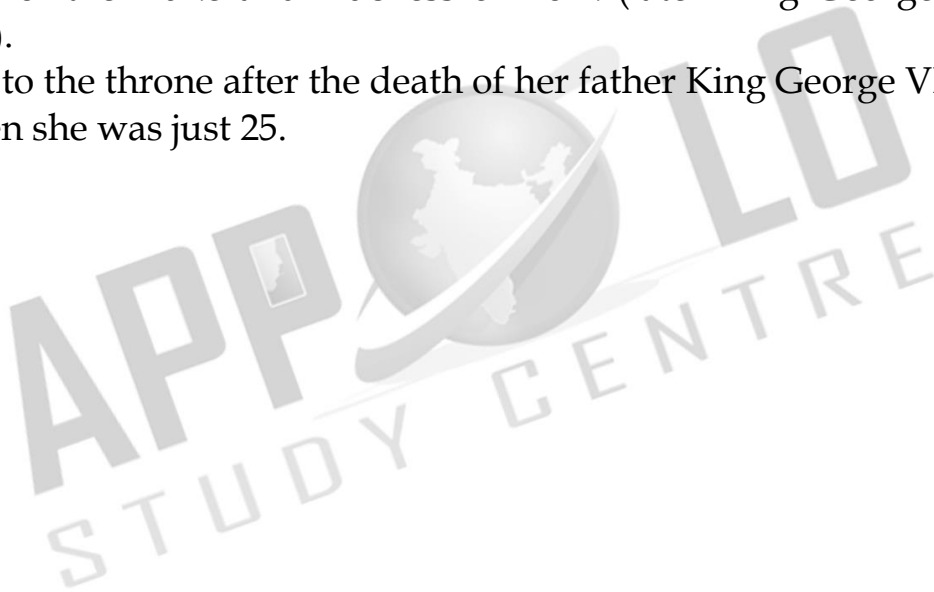
➤ **Cyrus Mistry**

- ✓ 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).

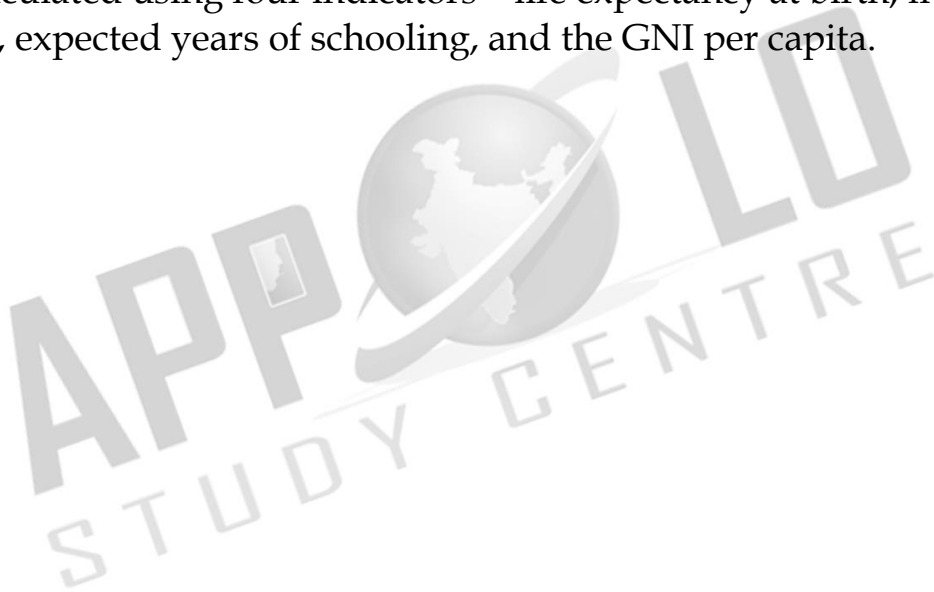
She came to the throne after the death of her father King George VI on February 6, 1952, when she was just 25.



RANKING

➤ 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.



IMPORTANT DAYS

➤ **World Coconut Day - September 2**

- ✓ The day is observed every year to highlight the importance of coconuts and spread information about their various advantages.
- ✓ On September 2, 2009, the first world coconut day was observed by the Asia Pacific Coconut Community (APCC) to raise awareness of the benefits of coconuts.
- ✓ Theme 2022 - "Growing Coconut for a Better Future and Life".

➤ **National Teachers Day - September 5**

- ✓ Teachers' Day is observed in honour of Dr Sarvepalli Radhakrishnan, the greatest teacher and scholar of the country.
- ✓ It marks the birthday of Dr S Radhakrishnan, the country's first Vice President (1952-1962) who went on to become the second President of India (1962-1967), a scholar, philosopher, Bharat Ratna awardee, a highly-respected teacher and prolific statesman.

➤ **International Day of Charity - September 5**

- ✓ International Day of Charity is observed on September 5th to commemorate the anniversary of the passing away of Mother Teresa.
- ✓ The International Day of Charity was officially declared by the United Nations General Assembly in 2012.
- ✓ The day was established to raise awareness and promote charitable work around the world.

➤ **International Day of Clean Air for Blue Skies - September 7**

- ✓ The day is observed every year to raise public awareness about the causes behind poor air quality and efforts needed to take action against them.
- ✓ The United Nations Environment Programme (UNEP) hosts the day every year to raise awareness about the importance of good air quality.
- ✓ The theme for International Day of Clean Air for blue skies 2022 is 'Air We Share'.

➤ **International Literacy Day - September 8**

- ✓ The day is observed every year to highlight the importance of literacy for individuals, communities and societies.
- ✓ Theme 2022 - "Transforming Literacy Learning Spaces".
- ✓ The literacy rate of India is 74.04%, 82.14 for males, and 65.46 for females. Kerala retained its position as the topmost state with a 93.91% literacy rate.

➤ **World Physiotherapy Day: September 8**

- ✓ World Physiotherapy Day is observed on September 8 every year.
- ✓ Physiotherapy deals with the management of chronic conditions & underlying issues related to pain.
- ✓ 2022 Theme: "Prevention and Management of Osteoarthritis".

➤ **World EV Day - September 9**

- ✓ The World EV day is observed every year to highlight the importance of clean mobility across the world
- ✓ The day was first celebrated in 2020 as an initiative of Sustainability Media Company Greet TV.
- ✓ Since 2019, China has emerged as the top producer and seller of electric vehicles in the world.

➤ **Himalaya Day - September 9**

- ✓ The Himalaya Day is observed every year to raise awareness about the Himalayan ecosystem, which sustains nature and protects the country from adverse weather conditions.
- ✓ The theme of this year's Himalaya Day is to establish Himalaya as a climate controller.

➤ **International Day to Protect Education from Attack: September 9**

- ✓ The International Day to Protect Education from Attack is an international observance established by a unanimous decision of the United Nations General Assembly in 2020. It is observed on September 9 of each year.
- ✓ The purpose of the day is to raise awareness regarding the importance of safeguarding schools as places of protection and safety for students and educators and the need to keep education at the top of the public agenda.

➤ **World Suicide Prevention Day - September 10**

- ✓ The day is observed every year to raise awareness among people to avoid committing suicide.
- ✓ Theme 2022 - "Creating hope Through Action".
- ✓ The theme for the World Suicide Prevention Day is a triennial theme that is applicable from 2021 to 2023.

➤ **Hindi Diwas - September 14**

- ✓ 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

✓ The first Hindi Day was celebrated on September 14, 1953, after the then Prime Minister of India, Pandit Jawaharlal Nehru decided to commemorate this day.

➤ **Engineer's Day - September 15**

- ✓ The day is observed every year to commemorate the birth anniversary of the country's greatest engineer Sir Mokshagundam Visvesvaraya.
- ✓ It is a day to honour and recognise the hard work of all engineers who have made significant contributions towards the growth and development of the country.
- ✓ Popularly known as Sir MV, he undertook several complex projects and delivered remarkable infrastructural results during his engineering career.

➤ **International Day of Democracy 2022 - September 15**

- ✓ This year, September 15 marks the 15th anniversary of the International Day of Democracy. The day is celebrated annually around the world to strengthen democracies and highlight its values and principles.

A theme is chosen for the 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".

