

OCTOBER
2022


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Key Features

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- ✓ Important News of the Month
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IMPORTANT!

News of the Month

1. PM GKAY scheme

The Union Government has just extended the Pradhan Mantri Garib Kalyan Anna Yojana for an additional three months from October 1. The extension has been made to help the poor and vulnerable sections of society during the festive



season. PM-GKAY is a scheme as part of Atmanirbhar Bharat to supply free food grains to migrants and the poor during the pandemic of COVID-19. It is under the Ministry of Consumer Affairs.

Important points:

The first phase of the scheme was launched in April 2020, and its sixth phase was undertaken in April 2022. Under the scheme, the government will provide free wheat/rice per person/month along with free whole chana for each family per month.

Due to the entire closure of the major employers in urban areas, and the construction and hospitality industries, there has been a significant loss of jobs. It has been shown to be more of a safety net for migrants who have lost their jobs and means of support. Children of migrant workers now have secure access to nutrition thanks to this.

The scheme targets all the states in India. However, the primary states which are targeted are Punjab, Haryana, Rajasthan, Chandigarh, Delhi, and Gujarat, along with parts of Uttar Pradesh, Madhya Pradesh, Jharkhand, and Bihar.

The program aimed to give each person covered by the National Food Security Act 2013 an additional 5 kg of free grains (rice or wheat), on top of the 5 kg of food grains that were already distributed at a reduced rate through the Public Distribution System (PDS). The beneficiaries of the scheme include all those individuals who come under the purview of Below the Poverty Line (BPL), Antyodaya Anna Yojana (AAY), and the Priority Households (PHH), which are exclusively identified by the State Government.

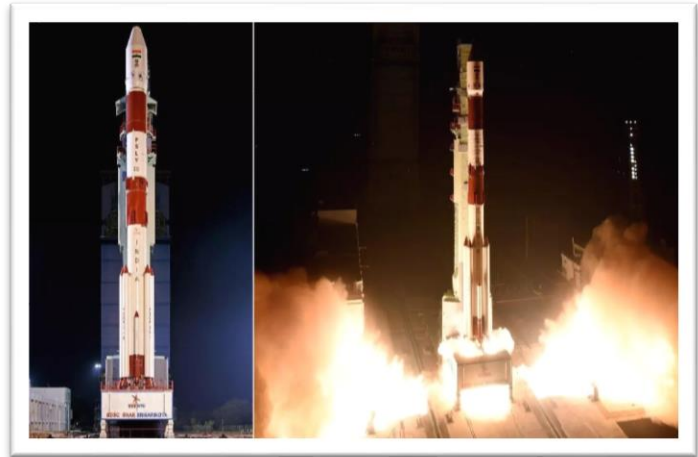
The scale of this welfare scheme makes it the largest food security program in the world. The program is operated by the Department of Food and Public Distribution under the Ministry of Consumer Affairs, Food and Public Distribution. The nodal ministry for the scheme is the Ministry of Finance.

The plan has been hampered, nevertheless, by widespread corruption, leaks, and a failure to distribute grain to the designated recipients.

The way forward is that the leakages should be kept to a minimum by upgrading the PDS. To stop leakage, there should be a system of food tokens as well.

2. Hybrid Propulsion System (HPS) of ISRO

The Indian Space Research Organisation (ISRO) has launched a Hybrid Propulsion System (HPS). The test was conducted by the Vikram Sarabhai Space Centre (VSSC) with support from the Liquid Propulsion Systems Centre (LPSC).



Important points:

The 'Hybrid' stands for solid fuel and liquid oxidizer. In rocket engines, oxidizers supply the oxygen needed for combustion. ISRO is going to utilize the liquid oxidizer to provide combustion for the solid fuel.

Under HPS, the vehicle propulsion system is used with two or more sources of propulsion. This propulsion is in the form of different kinds of fuels, where batteries, petrol, diesel, solar energy, nuclear power, or hydrogen power can be used as fuels.

Instilling the hybrid system would provide more efficiency as there would be more fuel burned and fewer pollutants. This system would be greener as there would be fewer greenhouse gases emitted. This technology is also futuristic in nature as the lighter weight of the rocket will allow for more heavy satellites in the future. This system will allow restarting and throttling capabilities on the motors in the rockets, which could possibly allow them to travel more in space with the saved fuel.

1. The Center opens a 24-hour telephone mental health service



The 20 States and Union Territories included in the telemental health initiative introduced in honour of World Mental Health Day include Jammu and Kashmir, Ladakh, Gujarat, and Tamil Nadu. Karnataka Governor Thawar Chand Gehlot essentially launched Tele-mental health assistance and networking across State (Tele-MANAS), a programme of the Health Ministry. In each State or U.T., the central government wants to establish at least one Tele -MANAS cell. A toll-free, round-the-clock helpline number (14416) has been established, allowing callers to choose their preferred language when using the services.

2. Direct tax receipts have exceeded half of the target at 7.45 lakh crore.



The Union Finance Ministry said that India's net direct tax collections in the fiscal year 2022-23 have risen to 7.45 lakh crore, more than half of the Budget targets. It represents a 16.3% increase over tax inflows during the same period last year. According to preliminary data, net personal income tax collections increased 17.35%, outpacing corporate income tax collections, which increased 16.29% net of refunds. Securities Transaction Tax (STT) collections grew at a more moderate 16.25% when combined with personal income tax receipts. The Ministry said tax refunds increased 81% over the previous year to reach 1.53 lakh crore, highlighting that direct tax collections continue to grow steadily.

3. The Indian Navy will participate in

the international fleet review and Malabar exercise in Japan in November.



According to official sources, Japan will host the Malabar naval exercise in 2022, which will include participation from Australia, India, Japan, and the United States, in the second week of November.

An official source confirmed that the Indian Navy will take part in the International Fleet Review (IFR) being held in the first week of November to mark the 70th anniversary of the Japanese Maritime Self-Defense Force (JMSDF). The Indian armed forces have recently participated in a number of bilateral and international exercises, with this being the most recent.

The India-US bilateral Army exercise 'Yudh Abhyas' is scheduled to take place in the high-altitude areas of Uttarakhand

in October, about 100 kilometres (aerial distance) from the Line of Actual Control.

According to two official sources, Australia is eager to host the exercise, but the partner countries have not yet agreed. Ex Malabar welcomed Australia as a regular member in 2020.

4. The services sector's growth has slowed to a 6-month low, according to the PMI.



According to the S&P Global India Services Purchasing Managers' Index (PMI), India's services sector slowed in September as new business and output growth slowed to the slowest rate since March. The services sector grew for the 14th consecutive month in September, but price pressures, increased

competition, and 'unfavorable public policies slowed momentum,' according to the survey--based PMI.

The slowing of growth has also slowed job creation since August. Nonetheless, business confidence has been reviving, with sentiment last month reaching its highest level in more than seven and a half years.

Input cost inflation remained close to August levels, while selling price growth slowed to its slowest pace since March. Transport, information, and communication saw the greatest increase in user charges levied by businesses, while consumer services saw the greatest increase in cost burdens due to higher energy, food, labor, and material costs.

5. 'Can read and talk,' says Vyommitra, thanks to digital grey matter.



Vyommitra, an Indian Space Research Organisation (ISRO) humanoid designed and developed to fly aboard unmanned test missions ahead of the Gaganyaan human space flight mission, is undergoing pre-flight ground tests at the ISRO Inertial Systems Unit (IISU) here. The IISU has successfully integrated it with a computer "brain" over the last few months, allowing it to "read" control panels aboard unmanned test flights and communicate with ISRO ground stations.

The ISRO and IISU made headlines in 2020 when they unveiled Vyommitra, a "female" robot astronaut. Vyommitra is a humanoid with no lower limbs. The IISU was in charge of the robot's design, development, and integration, while the Vikram Sarabhai Space Centre (VSSC) in Thumba developed its fingers.

6. PM opens AIIMS in Bilaspur, promising affordable care.



Prime Minister Narendra Modi said at the inauguration of the All India Institute of Medical Sciences (AIIMS) in Bilaspur, Himachal Pradesh, that the Centre was working to bring affordable health care to remote areas. He stated that the government wanted to make life easier for the poor and middle class by lowering their medical costs. Mr. Modi laid the groundwork for the Nalagarh Medical Device Park. The AIIMS in Bilaspur was built at a cost of 1,470 crores. According to a Health Ministry press release, the 750-bed hospital has 18 specialty and 17 super-specialty departments.

7. According to the government, women own 69% of the houses under PMAY in rural India.



Over 69% of rural houses built under the Prime Minister's special housing scheme are owned entirely or jointly by women. According to government data, as of September 29, 2022, a total of two crore houses had been built out of the 2.46 crore houses that had been sanctioned. 69% are owned in part or entirely by women.

The Prime Minister launched the Pradhan Mantri Awas Yojana (Gramin) in 2016 with the goal of constructing 2.95 crore houses. According to a senior official in the Ministry of Women and Child Development, the government has worked hard to ensure that women receive a fair share of government schemes through the Nari Shakti initiative. The initiative's goal is to have "women-led" development rather than "women development."

According to the government, another initiative that has helped protect the health of women and children is the Pradhan Mantri Ujjwala Yojana, which ensures the supply of clean cooking fuel.

8. All India Radio will broadcast a year-long voter education campaign.



The Election Commission of India (ECI) and All India Radio launched a year-long voter awareness campaign. The radio series will have 52, 15-minute episodes that will be broadcasted during the 7 p.m. to 9 p.m. time slot, according to an ECI statement. The episodes will cover voter registration, ethical voting, a model code of conduct, electronic voting machines (EVMs), and other election-related topics. Chief Election Commissioner Rajiv Kumar said at the series' launch that the episodes would be a mix of entertainment and

information, addressing urban apathy. Mr. Kumar announced that actor Pankaj Tripathi, who was in attendance at the event in New Delhi, would be the ECI's national icon.

9. The introduction of an indigenously built Light Combat Helicopter marks the beginning of a new chapter: Chief of Air Force



The indigenously designed and developed Light Combat Helicopter (LCH) adds a unique capability to the Indian Air Force's (IAF's) combat potential and marks a new chapter, said Air Chief Marshal (ACM), V. R. Chaudhari, as the twin-engine helicopter was formally inducted into the 143 Helicopter Unit 'Dhanush' at the Jodhpur Air Force Station.

Mr. Singh stated that the LCH met the requirements of modern warfare and the necessary quality parameters under varying operational conditions, and that it fully met the requirements of both the Army and the Air Force. Last week, the Army received its first LCH in Bengaluru.

HAL designed and developed the twin-engine LCH, a 5-8 tonne class dedicated combat helicopter. It was conceived following the 1999 Kargil conflict when there was a perceived need for such a dedicated platform capable of operating at high altitudes. It is the only attack helicopter in the world that can land and take off at an altitude of 5,000 m (16,400 ft) while carrying a significant load of weapons and fuel, significantly augmenting the IAF and Army's firepower in high-altitude areas. The helicopter has a combat radius of 500 km and a service ceiling of 21,000 feet, making it ideal for high-altitude operations on the Siachen glacier.

10. Yunqing Tang totes SASTRA Ramanujan Prize in Mathematics 2022 for her contribution to mathematics



Yunqing Tang, an Assistant Professor at the University of California, Berkeley, will receive the SASTRA Ramanujan Prize in 2022. The award, established in 2005 by the Shanmugha Arts, Science, Technology & Research Academy (SASTRA) with a cash prize of \$10,000, is presented annually to individuals aged 32 and under who have made outstanding contributions in the field of mathematics, influenced in a broad sense by Srinivasa Ramanujan.

Ms. Yunqing, who was born in China, received her B.Sc. from Peking University in 2011, after which she attended Harvard University. She received her Ph.D. from Harvard in 2016 under the

supervision of Mark Kisin. She joined UC Berkeley as an Assistant Professor in July after working at Princeton University. The prize will be presented at the International Conference on Number Theory, which will be held at SASTRA University in December 2022.

11. CBI debuts on social media before the Interpol meeting



Shy on social media before the next Interpol General Assembly, in which 195 countries are scheduled to attend, the Central Bureau of Investigation made its first appearance on Twitter and Instagram, according to officials. According to the bureau, accounts were made on both platforms with the user ID CBI CIO in preparation for the 90th General Assembly, which began on October 18 and lasted three days. In

contrast to its competitors, the CBI adhered to the traditional practise of publishing news releases and avoided engaging in social media. Among other topics, the General Assembly will concentrate on child sex abuse content sold online, financial crimes, and cybercrime.

12. Swachh Survekshan Gramin, 2022 award goes to Telangana



According to the Swachh Survekshan Gramin (SSG), 2022, which examined the sanitation situation in rural regions, Telangana was ranked 1 for the cleanliness of its villages. In the Large States category, Telangana came in first, followed by Haryana and Tamil Nadu. The Swachh Survekshan Gramin, 2022 award rates States and districts according to how well they performed on Swachh Bharat

Mission Gramin (SBM-G) metrics and how actively the rural population participated in enhancing their sanitary conditions.

Andaman & Nicobar took first place among smaller States and Union Territories, followed by Dadra and Nagar Haveli, Daman and Diu, and Sikkim.

"Swachh Bharat Mission -Gramin is a movement to instill a change in people's behaviours", while presenting the medals, President Droupadi Murmu stated that the use of toilets, the practice of washing hands with soap, and having access to water through taps served as a shield for the nation during the pandemic. The start of SBM-G in 2014 resulted in the construction of about 11 crore toilets and the cessation of open defecation by nearly 60 crore people, according to Ms. Murmu. According to her, the mission's second phase, which began in 2020, seeks to make all six lakh villages in India "Open Defecation Free Plus." After being successful in combating open defecation, she said, "we now need to address more

difficult and technical issues like solid and liquid waste management.

13. The Prime Minister launches the Vande Bharat Express 2.0 from Gandhinagar.



Prime Minister Narendra Modi flagged off the new and improved Vande Bharat Express, which will run from Gandhinagar in Gujarat to Mumbai in Maharashtra. Following the flag-off from Gandhinagar station, Mr. Modi boarded a train bound for Kalupur Railway Station. This is the country's third Vande Bharat Express, following the New Delhi Varanasi and New Delhi Katra Vande Bharat Expresses, and it includes several features to improve comfort and safety. The 16-coach train has a seating capacity of 1,128 passengers and will stop in both directions at Surat, Vadodara, and Ahmedabad.

"The train will allow business owners from Gujarat to travel to Mumbai and vice versa without having to pay the high cost of airline tickets while still enjoying the benefits of air travel," the government said.

14. Asha Parekh, a veteran actor, has been awarded the Dada Saheb Phalke Award.



President Droupadi Murmu presented the National Film Awards for the year 2020 in a variety of categories at the 68th edition of the ceremony. The Dadasaheb Phalke Award was given to veteran actor Asha Parekh, an accomplished Indian classical dancer, director, and producer. The President stated on the occasion that the award to Ms. Parekh was a recognition of women's empowerment. Ms. Murmu stated that films had the greatest impact

of all art forms and served as a medium for artistic expression of our value system.

The President stated that the audience was looking forward to films that promoted social unity, accelerated national development, and bolstered environmental protection efforts.

15. The Supreme Court repeals a 51-year-old law, and single women now have equal access to abortion.



The Supreme Court ruled in a landmark decision that single women with pregnancies between 20 and 24 weeks are entitled to the same safe and legal abortion care as married women.

A three-judge Bench led by Justice D.Y. Chandrachud loosened the stranglehold of a 51-year-old abortion law that prohibited unmarried women from terminating pregnancies up to 24 weeks

old. The decision came in response to an appeal filed by a woman who wanted to terminate her pregnancy before the 24-week mark. The Medical Termination of Pregnancy (MTP) Act of 1971 makes it illegal for unmarried women who are 20 to 24 weeks pregnant to abort with the assistance of a registered doctor.

The court ruled that denying abortion access to single women with pregnancies up to 24 weeks while allowing married women with the same term of pregnancy to do so constituted discrimination. According to the court, a single pregnant woman may have experienced the same change in material circumstances as a married pregnant woman.

16. UNESCO has named 50 iconic Indian textiles.



UNESCO published a list of 50 exclusive and iconic heritage textile crafts from the country. Some of the textiles that made the cut included Toda embroidery and Sungadi from Tamil Nadu, Himroo from Hyderabad, and Bandha tie and dye from Sambalpur in Odisha. Handmade for the Twenty-First Century: Safeguarding Traditional Indian Textiles describes the histories and legends behind the textiles, describes the complicated and secret processes behind their creation, discusses the reasons for their dwindling popularity, and offers preservation strategies.

One of the major challenges to the preservation of Intangible Cultural Heritage in South Asia, according to UNESCO, is a lack of proper inventory and documentation. The publication, which aims to bridge this gap, compiles years of research on the 50 textiles chosen. Khes from Panipat, Chamba rumals from Himachal Pradesh, Thigma or wool tie and dye from Ladakh, and Awadh Jamdani from Varanasi are some of the iconic handcrafted textiles documented from north India.

Ilkal and Lambadi or Banjara embroidery from Karnataka, as well as Sikalnayakanpet Kalamkari from Thanjavur, have been included from the south. The 50 iconic textiles include Kunbi weaves from Goa, Mashru weaves and Patola from Gujarat, Himroo from Maharashtra, and GaradKoirial from West Bengal.

17. Seniors and families will benefit from small gains in small savings.



The Centre announced an increase of 0.1-0.3 percentage points in interest rates payable on five small savings instruments (SSIs) for the quarter beginning October 1, including the Kisan Vikas Patra, Senior Citizens' Savings Scheme, and time deposits for 2 and 3 years, marking the first increase in small savings rates since January 2019. For the coming quarter, the Kisan Vikas Patra rate has been raised

to 7% from 6.9%, and senior citizens' savings will earn 7.6% instead of the 7.4% payable until September 30.

The rates for seven other designated small savings schemes remained unchanged, including the Public Provident Fund (PPF) at 7.1% and the Sukanya Samriddhi Account Scheme at 7.6%. The last time small savings rates were raised was in the January to March quarter of 2019, just before the last Lok Sabha elections. Since the April to June quarter of 2020, when they were reduced across schemes, the rates have remained constant for nine consecutive quarters.

18. The Center extends the free rationing scheme for three months.



The Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) has been extended by

the Union government for another three months, beginning October 1. This will allow beneficiaries under the National Food Security Act to continue receiving five kilograms of food per person and grains per month until December 31. The decision was made at a Cabinet meeting in this city. The Centre stated that this would benefit the poor and vulnerable during the holiday season.

The program has been in effect since April 2020. According to Madan Sabnavis, chief economist at Bank of Baroda, the decision will have a minor impact on the fiscal deficit.

He stated that the challenge would be to ensure that rice procurement was on track because production is expected to fall by seven million tonnes this year, and the government is focusing on giving rice rather than wheat because stocks of the latter are low. "Rice and wheat stocks are at 49 million tonnes as of September, one of the lowest levels since 2017," he said.

19. ASI discovers Buddhist caves and temples in M.P.'s Bandhavgarh Tiger Reserve.



The Archaeological Survey of India (ASI) discovered Buddhist caves and stupas, as well as Brahmi inscriptions, dating back to the 2nd century, and Hindu temples dating from the 9th-11th centuries, as well as possibly the world's largest Varaha sculpture dating from the same period, at the Bandhavgarh Tiger Reserve in Madhya Pradesh earlier this year. The Varaha sculpture is one of many monolithic sculptures of Lord Vishnu's ten incarnations discovered by the ASI earlier this year at the national park. The expedition took place 84 years after the previous attempt in 1938.

The ASI team discovered 26 caves, mostly Buddhist, dating from the second to fifth centuries. The caves and their remnants

had Chaitya [rounded] doors and stone beds, which are typical of Mahayana Buddhist sites. This find brings the total number of caves discovered in the Bandhavgarh reserve to 76, with 50 already recorded since the last survey.

20. Before Deepavali, the Centre increases employees' DA by 4%.



The Union Cabinet increased the dearness allowance (DA) and dearness relief (DR) by 4% effective July 1, 2022, benefiting 41.85 lakh Central government employees and 69.76 lakh pensioners ahead of Deepavali. The additional DA and DR installment represents a 4% increase over the current rate of 34% of basic pay/pension. The combined impact on the exchequer from DA and DR would be 12,852.5 crores per year, said

Information and Broadcasting Minister Anurag Thakur.

The rise in the DA and DR is based on a percentage increase in the 12-month average of the All India Consumer Price Index for the period ending June 2022. The impact of increased dearness allowance on the exchequer is estimated to be 6,591.36 crores per year and 4,394.24 crores in 2022-23. (eight months from July 2022 to February 2023). In the case of dearness relief, the annual impact would be 6,261.20 crores and 4,174.

21. Government app to record groundwater levels' data



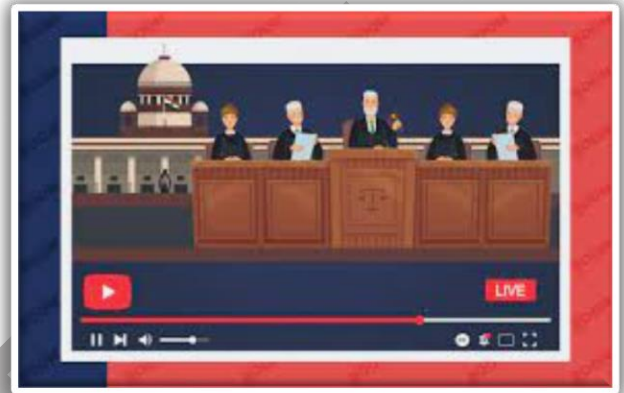
The Union government has introduced a mobile application, Jaldoot, jointly developed by the Rural Development and

Panchayati Raj Ministries to monitor the groundwater levels across the country in light of the fast dropping water table's potential to plunge several regions into drought. In the presence of Ministers Sadhvi Niranjana Jyoti and Kapil Moreshwar Patil, Minister of State for Rural Development Fagga Singh Kulaste inaugurated the application. Every community will use the app to record the water levels of two or three open wells twice a year, from October 1 to 31 and from May 1 to 31 during the pre-monsoon season.

The task-assigned officials have been instructed to upload the geotagged photos using the app each time the measurement is completed in order to ensure transparency. According to a statement from the Ministry, the mobile app will operate in both online and offline modes to guarantee that the exercise is not hampered by a lack of Internet connectivity. The National Water Informatics Centre's database will incorporate the regular data from the

"Jaldoots" so that it may be used for analysis and to aid in conservation efforts.

22. Statute Bench cases were broadcast live on YouTube in a first.



First, three different Constitution Bench hearings at the Supreme Court were broadcast live on YouTube. More than eight lakh people watched the proceedings before the three Constitution Benches, according to statistics. A really historic day, according to a statement from the public relations office.

The 10% quota for EWS was challenged before the CJI's Bench as one of the cases heard. The debate about who was the "genuine" Shiv Sena party was heard by Justice Chandrachud's Bench between Eknath Shinde's group and the Uddhav Thackeray camp in Maharashtra. The

challenge against the All India Bar Examination, a postenrolment test for attorneys, was considered by Justice Kaul's bench.

Nearly four years after the court's 2018 Swapnil Tripathi decision, live streaming is a reality. The court's decision had upheld the request to telecast its proceedings live. Live streaming, according to the court, would "essentially" expand the court beyond the confines of the courtroom.

23. Dasara celebrations in Mysuru are inaugurated by President Murmu



In Mysuru, President Droupadi Murmu opened the Dasara celebrations and offered flowers to Chamundeshwari at the top of Chamundi Hills. She was dressed in an iconic Mysore silk sari made especially for her in one of the nation's oldest silk

mills, which was established under the Wadiyar dynasty. The customary Mysore Peta was also given to her.

The Dasara celebrations in Mysuru, according to Ms. Murmu, are a celebration of Indian culture and tradition. She noted that Karnataka is home to several of the nation's major spiritual centres, naming historical Jain and Buddhist monuments, Adi Sankara's Sringeri math, Kalaburagi's Sufi cultural practices, and the Anubhava Mantapa of a social reformer Basvanna from the 12th century.

Ms. Murmu emphasised that Karnataka is also leading the nation in the field of information technology at the same time by securing 53% of all Foreign Direct Investment (FDI) received by India in hardware and software during the fiscal year 2021 - 2022, and she added that the State also leads the nation in the innovation index of Niti Aayog's Sustainable Development Goals India Index 2020 - 21.

Later, the Hubballi-Dharwad Municipal Corporation offered the President Poura Sanmana (civic honour) and the President opened the new campus of the Indian Institute of Information Technology (IIIT) in Dharwad.

24. "Non-oil exports to the UAE up 14% following the trade agreement; up 3% globally"



The Commerce and Industry Ministry have announced that India's non-oil exports to the UAE increased by 14% between June and August. The ministry attributed the increase to the bilateral agreement between the two countries that went into effect in May.

The Ministry sought to highlight the significantly larger growth in non-petroleum exports to the UAE, which were at \$5.92 billion compared to \$5.17 billion a year ago, saying that India's non-petroleum exports to the world during the same time increased by just 3% on an annual basis. The Ministry stated: "Excluding petroleum-related imports, the imports from the UAE in the three months increased by 1% to \$5.61 billion."

Sugar (up 237%), cereals (161%), vegetables (82%), inorganic chemicals (up 74%), and electrical gear and equipment (up 67%) saw the biggest increases in Indian exports to the UAE. The Ministry stated that it anticipates a rise in Indian exports in the upcoming months due to increased exporters' usage of the India-UAE Comprehensive Economic Partnership Agreement (CEPA) and a number of trade promotion activities scheduled in the UAE.

25. Chandigarh wants to adopt electric vehicles more quickly.



The Electric Vehicle (EV) Policy, 2022, of Chandigarh aims to lessen the usage of fossil fuels, which have a significant impact on the Union Territory's rising particle air pollution. By the end of the policy period of four years, Chandigarh, which aspires to be a "model EV city," wants to have one of the highest penetration rates of zero-emission vehicles (ZEV) among all Indian cities. The strategy, which was approved by Chandigarh Administrator Banwarilal Purohit and went into effect earlier this week, tackles the delayed adoption of EVs as well as the sector's shifting regulatory, technological, and commercial environments. To hasten the adoption of EVs, the policy prioritises public and shared transportation, goods carriers, and two-wheelers.

26. Bhagat Singh will be the name of the airport in Chandigarh.



In honour of the independence fighter, Bhagat Singh will be honoured by having the Chandigarh airport renamed, Prime Minister Narendra Modi declared. Mr. Modi discussed a number of topics in his Mann Ki Baat radio address, including climate change that he claimed is a serious danger to marine ecosystems, and the "disturbing" problem of beach trash. It falls on us to make constant efforts to address these challenges, he said. In the broadcast, Mr. Modi praised BJP ideologist Deendayal Upadhyaya, calling him a great son of the nation and a deep thinker.

27. Sikkim receives India's first avalanche monitoring radar



The Army and Defence Geoinformatics and Research Establishment have installed the first avalanche monitoring radar of its sort in India in North Sikkim. Within three seconds of being activated, it can detect avalanches, helping to save soldiers' lives and minimize property damage.

Tarun Kumar Aich, General Officer Commanding of the 33 Corps located in Sukna, reportedly turned on the radar on September 20 at a height of 15,000 feet.

The Defence Research and Development Organization (DRDO) lab, DGRE, which forecasts and mitigates the avalanche threats encountered by the Army in the Himalayan region, turned the radar operational.

28. The unmistakable master of observational comedy, Raju Srivastava, passed away.



Raju Srivastava, 58, one of India's top comedians who could find humour in even the most mundane real-life situations, died in Delhi, more than a month after suffering a heart attack. He had been put on a ventilator for 41 days after being taken to the All India Institute of Medical Sciences. He leaves behind his wife Shikha and their two kids.

Raju, who was born in Kanpur and goes by the name Satya Prakash Srivastava, was well-known for imparting an appealing aspect to his observational comedy and making the most cutting remarks without offending the topic. He held onto the idea of the friendly neighbourhood lad right up until the very end.

29. Hari Singh' s birthday celebrated in Jammu and Kashmir



The late Maharaja Hari Singh's son, prominent Congress leader Karan Singh, expressed his happiness at the J&K Lieutenant Governor's decision to proclaim the Dogra king's birthday a holiday in the Union Territory amid street celebrations in Jammu (UT).

A Raj Bhavan spokeswoman announced that the J&K administration had chosen to make the anniversary of the Dogra Maharaja a public holiday. The official stated, "A notification in this regard will be published shortly."

The decision was made after taking into account the Maharaja's contribution and

the sentiments of the populace, according to L-G Manoj Sinha, who described the king as "a great educationist, progressive thinker, social reformer, and a towering man of ideas and values."

It' s a homage to the role the Maharaja played and the services he offered to Jammu and Kashmir.

30. AN-32 to fly on biodiesel for 200 hours



As part of efforts to lessen its carbon footprint, the Indian Air Force (IAF) is seeking to fly an AN-32 transport aircraft modified to fly 200 combat hours on 10% blended biodiesel within the next six months, according to Air Vice Marshal S.

K. Jain, Assistant Chief of the Air Force (Maintenance Plans).

The first flight of the airplane using biodiesel and aviation turbine fuel took place in December 2018. (ATF). The global aviation industry is one of the biggest producers of greenhouse gases that cause global warming. In 2021 – 2022, the IAF used 6.2 lakh kilo-litres of fuel and generated 15 lakh tonnes of carbon dioxide as a result.

According to a recent statement made by an Airbus representative, the business hopes to have all of its commercial aircraft compatible with sustainable aviation fuel (SAF) by 2030 at the latest.

31. Breakfast scheme in Tamilnadu



The Chief Minister's Breakfast Scheme, implemented for kids in Classes I through

V in public schools, is not a gift; in reality, it is the State government's primary obligation and responsibility to guarantee that its children are fed. According to Tamil Nadu Chief Minister M.K. Stalin, such programs serve as a government's public face. He was speaking at the Corporation Primary School Aathimoolam II in Simmakal, Madurai, for the book launch of "Chief Minister's Breakfast Scheme."

When P. Theagaraya Chetty, the then-Mayor of the Justice Party, approved the request to offer tiffin to children of a Corporation School at Thousand Lights, Chennai, 102 years ago, the significant breakfast program was launched.

32. First EN Bloc kidney transplantation in india



A five-year-old youngster has received a transplant of both of a minor organ donor's kidneys for the first time in India. The process is known as an EN bloc kidney transplant (EBKT). The All India Institute of Medical Sciences (AIIMS) was the site of the procedure.

EBKT entails the transplantation of two kidneys from a child donor, along with the vena cava and aorta and other blood arteries, into a single recipient. As this method has so far only involved pediatric donors and adults, it is customary to transplant the organs of children into adult bodies.

The recipient was a 5-year-old youngster who received both of the donor's kidneys after the 16-month-old boy donated all of his organs. The hospital claims that this particular surgery is a remarkable accomplishment.

33. Four tribes get listed in the SC list by the centre



After the Cabinet meeting, Tribal Affairs Minister Arjun Munda informed reporters that requests for the communities' inclusion have been languishing for decades. The inclusion of four tribes, including those from Himachal Pradesh, Tamil Nadu, and Chhattisgarh, into the list of Scheduled Tribes (ST) was agreed upon by the Union Cabinet.

The communities that were added to the list included the Hatti tribe in the Trans-Giri region of Sirmour district in Himachal Pradesh, the Narikoravan and Kurivikkaran hill tribes in Tamil Nadu, and the Binjhia tribe in Chhattisgarh.

Also, in order to prevent beneficiaries of programs from being excluded due to variances in their spelling and pronunciation, the Cabinet also approved

the insertion of synonyms for 11 Chhattisgarh tribes and one tribe in Karnataka.

34. G-20 summit of 2023 will be held in India



The G-20 Leaders' Summit will be held in New Delhi on September 9 and 10 of 2023, with Bangladesh, Egypt, Mauritius, the Netherlands, Nigeria, Oman, Singapore, Spain, and the UAE participating as "guest countries." Over 200 G-20-related meetings will be held in India while it serves as the G-20's chairman from December 1, 2022, to November 30, 2023.

India is currently a member of the G-20 Troika, which also consists of Italy and Indonesia. However, India, Indonesia, and Brazil would make up the troika during our presidency. For the first time, the

troika would include three emerging economies and developing nations, giving them a stronger say.

35. Child helpline number to be integrated with 112



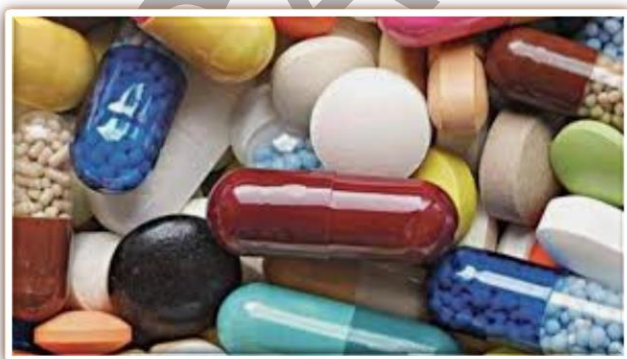
The Union government has informed the States and the Union Territories that Childline 1098, the only dedicated helpline for children, will be incorporated with the national emergency number 112. Childline 1098 has been successfully operating for the past 26 years as a partnership between civil society and the government.

In a letter dated September 12, the Union Women and Child Development Ministry asked them to appoint a State-level nodal official and second-level official to aid C-DAC and to provide a building or space for

setting up a control room to take calls on the child and women's helplines. The Mission Vatsalya guidelines, which were made public by the Ministry in August, made integration of the two helplines a requirement.

The MWCD provides funding for the Childline India Foundation, a private trust that manages the organisation. The kid hotline, which was established in 1996 as a project at the Tata Institute of Social Sciences, currently receives 80 lakh calls annually and is present in almost 700 districts across the nation thanks to more than 1,000 intervention units, including support desks at bus stops and train stations.

36. Essential medicine list gets updated



The 26 drugs that aren't included in the National List of Essential Medicines (NLEM), which was released by Union Health Minister Mansukh Mandaviya, include commonly used gastrointestinal pharmaceuticals like ranitidine and sucralfate. The list was expanded by 34 more drugs, bringing the total to 384.

The National Pharmaceutical Pricing Authority controls the cost of necessary medications. The list does not include any of the medications that are used to treat COVID-19.

According to a representative of the Health Ministry, drugs that are illegal in India and those with safety profile concerns have been taken from the NLEM.

37. Raktdaan amrit mahotsav from september 17



The Union Health Ministry has set September 17 as the start date for the Raktdaan Amrit Mahotsav, a large statewide voluntary blood donation drive with a target of collecting one lakh units of blood.

A donor database that can be accessed in an emergency situation, this is what the effort intends to build. The Ministry has reminded all of the States and Union Territories that the campaign will continue through National Voluntary Blood Donation Day (NVBDD), which is on October 1.

It has been requested by all the states and union territories to announce the campaigns in regional and local languages.

For tracking the amount of blood donated/collected in each state and Union Territory, a live dashboard will be operationalized on the eRaktKosh web page.

Raktdaan Amrit Mahotsav, which encourages people to donate blood and support the Prime Minister's vision for mankind, allows people to register for blood donation through the Aarogya Setu portal.

38. India's power demand to rise



India, the third-largest emitter of greenhouse gases in the world, may require up to 28 gigawatts of brand-new coal-fired power plants by 2032 to meet

power demand, which is predicted to more than double from the country's present 404.1 GW.

Over the five years leading up to March 2027, India's annual electricity demand could climb by an average of 7.2%, nearly twice as quickly as it did during the fiscal years from 2017 to 2022.

India targets the installation of 500 GW in non-fossil-based installed capacity by 2030, although the proportion of coal in its overall power generation is anticipated to dip below 60% by 2027.

India, along with China, produces a significant amount of greenhouse gases, although it's per capita energy consumption and emissions are far lower than those of most wealthy nations. India also produces the majority of the additional renewable energy output worldwide.

39. Rajasthan has introduced an urban employment guarantee scheme



The Indira Gandhi Urban Employment Guarantee Scheme has been implemented in the state of Rajasthan, similar to how it has been done in Odisha. The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA), which the federal government launched in 2006, served as the model for the scheme's creation.

The MGNREGA was introduced in 2006 to help the rural poor by offering them 100 days of low-skilled employment. On the basis of job cards that will only be given to those between the ages of 18 and 60, the state's urban employment program will also offer the urban poor unskilled employment who are registered under the scheme of Indira Gandhi Urban Employment Guarantee. There is no upper financial restriction, but the needy and

impoverished will be given preference, especially those who lost their jobs due to the pandemic.

More than 3.5 lakh persons in the State have enrolled in the program so far, and 2.25 lakh of them have received work cards. The Department of Local Bodies of the State Government will be in charge of carrying out the plan. Under the program, the State government will also award the municipal organisations that do well.

40. The Nikshay Mitra scheme of the Union Health Ministry.



The Pradhan Mantri TB Mukh Bharat Abhiyaan, a community support program for TB patients, is being implemented by

the union health ministry in order to effectively engage the community in the effort to eradicate TB in India.

Cooperative societies, corporations, elected officials, individuals, institutions, non-governmental organisations, political parties, and partners are among the donors willing to adopt health facilities (for individual donors) and urban wards, blocks, districts, and States for accelerating the response against TB to supplement the government's efforts, as per the district-specific requirements in coordination with the district administration.

1,78,443 TB patients and 1,667 Ni-kshay Mitras (donors) have signed up for the Union Health Ministry's "adopt a TB-patient" (Nikshay Mitra) initiative—likely the only one of its kind in the entire globe.

In accordance with the Nikshay program, TB patients receive monthly financial support for their own nutrition through Direct Benefit Transfer (DBT).

The Pradhan Mantri TB-Mukt Bharat Abhiyaan, which aims to eradicate TB in India by 2025, brought in the program to cover the crucial "community" component.

41. Taragiri launched in India



Mazagon Dock Shipbuilders Ltd. (MDL) launched Taragiri, the third stealth frigate of Project 17A. On September 10, 2020, the keel of the Taragiri was laid, and by August 2025, delivery is anticipated. The vessel was created by the Indian Navy's internal design team, the Bureau of Naval Design, and is being launched with a launch weight of roughly 3,510 tonnes.

The Warship Overseeing Team was also involved in the MDL's comprehensive design and construction of the ship (Mumbai).

According to officials, the Taragiri, which was created locally, will contain cutting-edge sensors, advanced action information systems, integrated platform management systems, world-class modular living quarters, a smart power distribution system, and a host of other cutting-edge features.

The Nilgiri, the first ship of Project 17A, was launched on September 28, 2019, and sea trials are anticipated to start in the first half of 2024. Officials anticipate that Project 17A will cost about Rs. 25,700 crores.

On May 17 of this year, the P17A class' second ship, Udaygiri, was launched. Sea trials are scheduled to begin in the second half of 2024. On June 28, the keel of the fourth and last ship was laid.

**42. Kumar Sanu, Shailendra Singh,
Anand-Milind gets Lata
Mangeshkar
Award (2019-2021)**



Noted playback singers Kumar Sanu and Shailendra Singh and music-composer duo Anand-Milind were conferred with the National Lata Mangeshkar Award for different years. They received the prestigious award on September 28, the late legendary singer's birth anniversary, in her birthplace Indore. State Culture Minister Usha Thakur presented the award to Shailendra Singh, Anand-Milind, and Kumar Sanu for the years 2019, 2020, and 2021, respectively.

According to officials, the award is given annually by the Madhya Pradesh government's culture department to promote excellence in the field of light music. It comes with a cash prize of Rs two lakh as well as a citation. Naushad,

Kishore Kumar, and Asha Bhosle were previous recipients.

43. Uttar Pradesh govt gives nod to Bundelkhand' s first tiger reserve



The Uttar Pradesh cabinet has approved the establishment of the first tiger reserve in the Bundelkhand region. The tiger reserve will cover 52,989.863 hectares of land, including 29,958.863 hectares of buffer area and 23,031.00 hectares of core area, which was previously designated as Ranipur wildlife sanctuary in the state's Chitrakoot district.

Tiger, leopard, bear, spotted deer, sambhar, chinkara, reptiles, and other mammals live in the Ranipur Tiger Reserve area, which is covered by northern tropical dry deciduous forests.

The establishment of Ranipur Tiger Reserve will be a watershed moment for

wildlife conservation in Bundelkhand, as well as the opening of the area's eco-tourism potential, creating massive job opportunities for the local population.

44. Uttar Pradesh wins Ayushman Utkrishta award 2022



The state government said in a statement that Uttar Pradesh received the 'Ayushman Utkrishta Award 2022' at the Aarogya Manthan programme in Delhi.

for adding various facilities to the National Health Facility Register.

According to the government, Uttar Pradesh has opened approximately two crore Ayushman Bharat Health Accounts (ABHA), making it the second state in the country to do so.

The government stated in the statement that the national recognition for UP's

health services was the result of the work done in the health sector by the Yogi Adityanath-led government over the last five and a half years. The addition of numerous healthcare facilities to the health facility register in Uttar Pradesh has earned the state national acclaim, according to the government.

According to data shared by the government, UP was the best performing state in the country after adding 28,728 new health facilities to the National Health Facility Register.

Karnataka comes in second with 23,838 healthcare facilities, followed by Andhra Pradesh (13,335), Maharashtra (12,902), Bihar (12,453), Madhya Pradesh (12,268), West Bengal (11,607), Chhattisgarh (9,349), Telangana (7,988), and Gujarat (7,791).

45. Uttarakhand awarded for adventure

tourism & all-round development of tourism.



On World Tourism Day, Uttarakhand received first place from the Ministry of Tourism in two categories: best adventure tourism destination and overall tourism development. Satpal Maharaj, the state's tourism and culture minister, accepted the awards from Vice President Jagdeep Dhankar at the National Tourism Awards 2018-19 ceremony in New Delhi.

Maharaj congratulated the people of Uttarakhand and tourism stakeholders. He invited domestic and international tourists to visit Uttarakhand and announced the recent launch of Himalaya Darshan by helicopter in Mussoorie.

Among the many programmes being organised to promote winter tourism, the major events include the Trek of the Year -Pindari Glacier in Bageshwar district from October 1 to November 15, and the Bagchi Bugyal trek in Chamoli district from December 1 to January 15,

Winterline Carnival in Mussoorie and Nainital during December, rafting championship in Champawat from December 2022 to January 2023, national skiing championship at Auli in February 2023, and International Yoga Festival in February 20

Meanwhile, on the occasion of World Tourism Day, a photography and videography contest was also launched to promote tourism. Participants who are interested are invited to participate online. Winners will be chosen in five categories, with a total prize fund of Rs 25 lakh.

46. CBI raids nationwide against Child Abuse material under Operation Megha Chakra



Under Operation Megha Chakra, the CBI conducts nationwide raids on child abuse materials.

The Central Bureau of Investigation (CBI) conducted nationwide raids, September 24th, at 56 locations in 19 states and one union territory to investigate cases of Child Sexual Abuse Material (CSAM) circulation, according to agency officials.

The search, codenamed 'Megha Chakra,' is being carried out using information from Interpol Singapore, which was shared with authorities in New Zealand, they said.

The operation's goal is to target cloud storage facilities used by peddlers to distribute audiovisuals of illegal sexual activities with minors.

The searches are also based on intelligence obtained during last year's Operation Carbon, which was conducted against CSAM peddlers on the Internet using cloud storage.

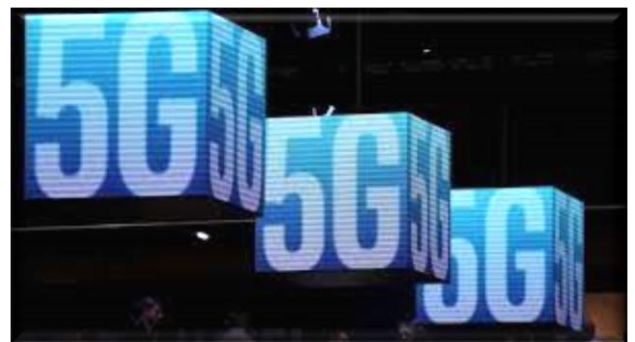
Operation Carbon was launched in November 2021 in response to allegations of online child sexual abuse and exploitation. The CBI conducted

searches in 77 locations across 14 states, including Delhi, Andhra Pradesh, Uttar Pradesh, Gujarat, Punjab, Bihar, Haryana, Odisha, Tamil Nadu, Rajasthan, Madhya Pradesh, Maharashtra, Chhattisgarh, and Himachal Pradesh, as part of the operation.

Interpol maintains an International Child Sexual Exploitation (ICSE) image and video database, which serves as an intelligence and investigative tool, allowing specialised investigators to share information on cases of child sexual abuse. CBI is also a nodal agency of Interpol.

47. India to Invest \$30 billion for 4G, 5G

Connectivity to Every Village



Union IT Minister Ashwini Vaishnaw said the government is investing nearly \$30

billion to ensure last-mile network accessibility for 4G and 5G in every village across the country and build a robust digital infrastructure in the rural areas.

Speaking at the 'Global Fintech Fest 2022', Vaishnaw said the government has reached out to over 1.5 lakh gram panchayats to date.

Vaishnaw said there are three key areas in fintech for the government building a robust digital infrastructure and a digital regulatory framework, along with social inclusion and the societal imperatives around it.

48. The Indian government has launched the "Sign Learn" smartphone app



The government has launched a new mobile app called Sign Learn with an aim

to make the Indian Sign Language dictionary more accessible to the masses. The app, which is available for both Android and iPhone, was launched by Minister of State for Social Justice and Empowerment, Pratima Bhoumik.

The Sign Learn app is based on the Indian Sign Language Research and Training Centre's (ISLRTC) Indian sign language dictionary and includes 10,000 words.

The app will be available to use on both Android as well as iOS devices. Users will be able to search words in the ISL dictionary either in Hindi or English medium. The sign videos of the app can also be shared on social media platforms.

49. India's 1st lithium-ion cell factory inaugurated in Andhra Pradesh



According to a government notification on September 15, Rajeev Chandrasekhar, the Minister of State for Electronics and

Information Technology (MeitY), will inaugurate India's first lithium cell manufacturing facility in Tirupati, Andhra Pradesh, tomorrow.

"The inauguration of this plant will be a step toward realising Prime Minister Modi's vision of making India a global hub of electronic manufacturing," said Chandrasekhar.

Munoth Industries Limited, based in Chennai, has invested Rs 165 crore in the unit. It is located in one of Prime Minister Narendra Modi's two electronics manufacturing clusters established in the temple town in 2015.

The plant currently has a capacity of 270 Mwh and can produce 20,000 cells of 10Ah capacity per day. According to the statement, these cells are used in power banks, and their capacity is approximately 60% of India's current requirement. Cells will also be manufactured for other consumer electronics such as mobile phones, hearable and wearable devices.

50. CM of Manipur N. Biren Singh introduce web portal 'CM Da Haisi'



According to officials, Manipur Chief Minister N Biren Singh has launched a web portal to allow people to redress their grievances and provide a platform to raise corruption-related issues.

Three phone numbers, including two for the anti-corruption cell, have been made available on the 'CM da Haisi' (Inform the CM) portal, they said.

51. Assam to use portable device 'SAANS' to stop neonatal deaths



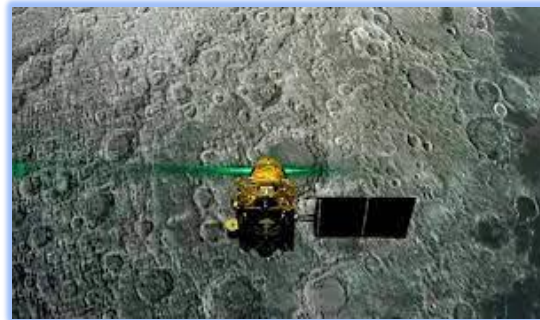
Following the success of a pilot project to reduce neonatal mortality with special equipment 'SAANS', the Assam government

has decided to use the air pressure machine developed by a Bangalore-based start-up across its hospitals, officials said. 'SAANS' is a portable neonatal Continuous Positive Air Pressure (CPAP) system that can provide lifesaving breathing support to infants in hospital settings as well as during travel.

For the development of the machine, InnAccel Technologies, incubated at the Centre for Cellular and Molecular Platforms (C-CAMP), joined hands with the SAMRIDH Healthcare Blended Finance Facility to strengthen respiratory support for newborns and pediatric populations in Assam.

SAMRIDH is a multi-stakeholder innovation and financing platform supported by the United States Agency for International Development (USAID) and implemented by IPE Global.

52. For the first time, ISRO's Chandrayaan-2 spectrometer maps the amount of sodium on the moon.



The abundance of sodium on the moon has been mapped for the first time by India's Chandrayaan-2 using its large area X-ray spectrometer, CLASS, according to a recent study published in The Astrophysical Journal Letters.

Thanks to its great sensitivity and performance, CLASS, which was developed at Isro's UR Rao Satellite Centre in Bengaluru, gives crisp signatures of the sodium line. The research concludes that a portion of the signal may originate from a thin layer of sodium atoms that are only loosely connected to the lunar grains.

Earlier, sodium was discovered by India's Chandrayaan-1 X-ray Fluorescence Spectrometer (C1XS), which allowed for the prospect of mapping the sodium content of the Moon.

INTERNATIONAL

1. U.S. Dollars The Horrific Incident Of 9/11 Marks Its 21st Anniversary



The anniversary of 9/11 was remembered by US President Joe Biden, on September 9. Twenty-one years have passed since the atrocity of 9/11, in which more than three thousand innocent people perished. The terrorist act shocked not only American territory but the entire world. When speaking to the crowd, President Joe Biden said, "21 years is a lifetime and no time." But it is wise to keep in mind. The recollections frequently bring up our pain, but they can also aid in our recovery.

For many people, 9/11 was a horrible day. Three hijacked aircraft were destroyed by terrorists: one struck the Pentagon in Arlington, Virginia, another struck the World Trade Center in New York, and the third struck a field not far from Shanksville, Pennsylvania. Years were needed to recover from the deaths of thousands of innocent individuals.

2. India-Bangladesh Ties, A Model For Bilateral Relation



The prime minister of Bangladesh came on a 3-day visit to New Delhi. At the formal and diplomatic reception on September 5th, in New Delhi, Ms. Sheikh Hasina interacted with the media. In a joint statement released, Prime Minister Sheikh Hasina's third day of her visit, India and Bangladesh expressed their support for the creation of a technical committee that will evaluate how Ganga waters are used in Bangladesh. The two parties have announced a number of measures, including numerous significant connection and energy initiatives, including the Ganga technical committee.

The committee will explore how to best use the water Bangladesh has received as

a result of the Ganges Water Sharing Treaty of 1996.

During Hasina's visit, India and Bangladesh signed seven agreements, including one on sharing of waters of Kushiyara river which is expected to benefit the regions of southern Assam and Bangladesh's Sylhet region.

The first consignment of Hilsa fish of this year reached Kolkata port ahead of Durga Pooja. The consignment contains 8.5 tonnes of Hilsa fish, which has been exported to India by Bangladesh.

Bangladesh banned its export of Hilsa fish to India in the year 2012. However, since 2019 it has provided some relaxation in the decision. The Hilsa fish is extremely popular in India due to its unique taste.

3. North Korea adopts legislation allowing nuclear attacks as a method of defence.



According to Pyongyang's official media, North Korea has passed a legislation authorising preventative nuclear strikes and stating that its nuclear position is "irreversible."

The statement comes as relations between the North and South are deteriorating; Pyongyang accuses Seoul of being responsible for the Covid-19 outbreak on its territory and has conducted a record number of missile tests this year.

According to the official Korean Central News Agency (KCNA), the law will enable North Korea to launch a nuclear strike "automatically" and "quickly to eliminate the hostile forces" when a foreign nation poses an immediate threat to Pyongyang. In July, Kim declared that his nation was prepared to "mobilise" its nuclear arsenal

in the event of a conflict with the South and the United States.

He emphasised that Pyongyang would never give up the nuclear weapons it needs to defend itself against Washington's aggression, asserting that the United States constantly aimed to "collapse" his regime.

Since 2019, discussions on sanctions relief and what Pyongyang would be ready to give up in exchange have stalled nuclear negotiations and diplomacy between Washington and Pyongyang.

4. Queen Elizabeth II funeral, buried at Windsor Castle's St. George's Chapel



The royal family bid farewell to Britain's longest-reigning monarch in a private

ceremony at Windsor Castle, celebrating her "life of duty, love, and faith."

A smaller crowd bid the Queen farewell in St George's Chapel after the official burial earlier that day at London's Westminster Abbey, where world leaders, members of European royal families, and the general public had assembled. In the King George VI Memorial Chapel located within St. George's Chapel, Queen Elizabeth II and Prince Philip were interred after the monarch passed away on September 8 at the age of 96. The coffin of Prince Philip was removed from its current location and buried next to his wife.

King Charles III was moved by the outpouring of affection and concern from people all across the world, and on the eve of the funeral he sent out a letter of gratitude to them.

5. China's First Fully Solar-powered Unmanned Aerial Vehicle, Qimingxing-50 (UAV)



China has successfully tested its first unmanned aerial vehicle (UAV) that is entirely fueled by solar energy. This UAV can fly for months and, if necessary, can even serve as a satellite. According to a tweet from a Chinese government official, Qimingxing-50 has successfully completed its first flight, making it the first large-sized UAV powered solely by solar energy.

The South China Morning Post said that the drone took off from an airfield in the Shaanxi region of northwest China at 5:50 p.m. on September 3 and travelled for around 26 minutes before coming down safely at 6:16 p.m.

The Qimingxing-50 is a high-altitude, long-endurance drone with a wingspan of 50 metres that can be used for communications, high altitude aerial reconnaissance, and assessing forest fires. This technology will strengthen Chinese maritime and space defences. It can be used to the fields of novel materials, aeronautical engineering, and renewable energy. This test flight, according to the Chinese official, is a critical step toward sustainable growth.

6. Norwegian central bank develops National digital currency using Ethereum



By making the open source code for the nation's central bank digital currency (CBDC) sandbox based on Ethereum technology available to the public, Norges Bank, Norway's central bank, taken a huge step forward in its quest to create a digital

currency. The widespread deployment of cryptographic technology has allowed for this evolution.

CBDCs are a sort of central bank-backed electronic fiat currency. CBDCs can be created on blockchain networks, while it's not necessary. The CBDC in Norway, however, is based on Ethereum.

The sandbox is designed to give users a means of contacting the test network.

The minting, burning, and transferring of ERC-20 tokens have all been made possible, according to Nahmii, the Bank's official CBDC partner.

At this time, the open source code does not support the Metamask Ethereum wallet.

BlockScout and Grafana are just a couple of the network monitoring tools available in the sandbox.

In April of last year, it was previously known that Norges Bank intended to hold CBDC.

7. PM Modi and President Xi met in Samarkand.



On the margins of the Shanghai Cooperation Organization (SCO) conference in Samarkand, Uzbekistan, Prime Minister Narendra Modi had meetings with the presidents of China and Russia. Since this was the first encounter between the two leaders following the conflict in Ukraine, the meeting with Putin takes significance.

Jinping made his first trip abroad since late 2019. Additionally, it was the first time PM Modi and Jinping had a face-to-face meeting. The Indian and Chinese forces withdrew from Patrolling Point 15 in eastern Ladakh a few days prior to the 22nd SCO meeting.

In addition, he meet privately with the leaders of Uzbekistan and Iran, Ebrahim Raisi and Shavkat Mirziyoyev. The Shanghai Cooperation Organization (SCO) was presided over by Uzbekistan this year, and India will take over the rotating annual presidency following the Samarkand Summit. The Shanghai Cooperation Organization (SCO) is made up of eight member nations: China, India, Kazakhstan, Kyrgyzstan, Russia, Pakistan, Tajikistan, and Uzbekistan, as well as four observer states: Afghanistan, Belarus, Iran, and Mongolia, as well as six conversation partners (Armenia, Azerbaijan, Cambodia, Nepal, Sri Lanka and Turkey).

8. Climate campaigner Vanessa Nakate, 25, has been named a UNICEF Goodwill Ambassador.



Ugandan climate campaigner Vanessa Nakate, 25, was named a goodwill ambassador by the U.N. agency for children, UNICEF.

Greta Thunberg of Sweden served as Nakate's inspiration when she started her climate activism in 2019. Since then, she has formed the Rise Up Movement and spoken at international climate meetings. Nakate visited northwest Kenya this week to observe the effects of the region's worst drought in more than 40 years. She visited communities dealing with the effects of the climate catastrophe, including those where families were using solar-powered water systems and children were receiving treatment for severe malnutrition.

According to UNICEF, 33 of the world's 2.2 billion children reside in nations that are "very high risk" of being adversely affected by climate change. All ten of the top nations are in Africa.

Nakate's appointment "will help ensure that the voices of children and young people are never shut out of the discourse on climate change - and always included in decisions that affect their lives," UNICEF Executive Director Catherine Russell said in a statement.

9. Heavy Battles Reported Between Tajikistan and Kyrgyzstan



Kyrgyzstan reported "heavy skirmishes" with Tajikistan, a neighbouring country in Central Asia, and said 24 people had died in the most recent wave of violence to rock the former Soviet Union.

Despite a ceasefire agreement, the two tiny, impoverished, landlocked countries have accused one another of resuming hostilities in a disputed region. The Kyrgyz border agency issued a statement stating that Tajik attacks were still being repelled by its personnel.

Fighting was reported in Kyrgyzstan's Batken province, which borders Tajikistan's Sughd region and has the Tajik exclave of Vorukh. The same region, which is renowned for its complex political and ethnic topography, saw similar tensions last year and came dangerously close to starting a war. There are frequently clashes over the ill-defined border, although they typically end swiftly.

The Soviet Union attempted to partition Central Asia into groupings, whose settlements were frequently mixed in with those of other nationalities. This led to many of the boundary disputes in the region today. Russian military

installations are found in both nations. Moscow had earlier called for an end to hostilities.

10. Lourenco, Joao re-elected as Angola's president



Joao Manuel Goncalves Lourenco was re-elected as the president of Angola, and Prime Minister Narendra Modi sent the president his best wishes. Angola is a beloved African ally of India, and the two countries have cordial and friendly relations on a personal level. The trade connections between India and Angola are expected to strengthen now that President Joao Lourenco has been elected to a second five-year term.

On September 7, PM Modi had earlier congratulated Williams Ruto on becoming Kenya's president. The tweet of congratulations was sent out a day after William Ruto was declared the winner of last month's presidential elections by the Kenyan Supreme Court.

11. William and Kate are referred to as the Prince and Princess of Wales by King Charles.



King Charles of Britain gave his eldest son William and daughter-in-law Kate the titles of Prince and Princess of Wales, transferring the titles that he and his late wife Diana previously held. Following the passing of his mother, Queen Elizabeth, Charles, who had been made Prince of Wales in 1958, ascended to the throne automatically.

12. Together, China and the UAE will launch moon rover missions.



China and the United Arab Emirates have agreed to collaborate on an unmanned moon landing mission after their space agencies signed a deal in Dubai. A hopping device that can move into and out of a crater's permanently shadowed area can be delivered by the exceptional Chinese mission to the southern polar region of the moon in search of signs of water.

The probe will be the first of its type, the China National Space Administration claims, and will be able to repeatedly take off, land, and fly over a specific distance on the lunar surface, covering more

ground more quickly than a land rover. In areas with direct sunshine, like as crater rims, the probe can be entirely charged by solar energy. It can then hop to the dimly lit bottom of craters, where there may be ice-covered water reservoirs that are essential for long-term human life on the moon.

13. India emerges as Sri Lanka's largest bilateral lender overtaking China



In the first four months of 2022, India has given the island nation loans totaling 968 million US dollars. China has been Sri Lanka's largest bilateral loan over the course of the last five years, from 2017 to 2021.

The Asian Development Bank (ADB) disbursed grants totaling 610 million dollars in 2021, making it the largest multilateral lender during the previous

five years. Ruchira Kamboj, India's Permanent Representative to the UN, claimed that India had sent Sri Lanka relief in the form of food and money totaling close to \$4 billion. India delivered 21,000 tonnes of fertiliser to a crisis-ridden Sri Lanka on August 22.

India has been in the forefront of providing Sri Lanka with economic aid in accordance with their needs and is one of the nations that has given the most aid during a time of need. Sri Lanka has been going through a worsening economic crisis since the start of 2022, and the government has stopped paying back its international creditors. Numerous Sri Lankans are suffering from food and fuel shortages as a result of the country's severe economic crisis.

14. India, Egypt sign MoU to bolster defence cooperation in mutual interest sectors



India and Egypt have agreed to come up with concrete ideas for boosting their countries' defence industry collaboration in a timely manner. In Cairo, Defence Minister Rajnath Singh met privately with General Mohamed Zaki of Egypt.

The two sides agreed to improve the conduct of joint exercises and the exchange of troops for training, particularly in the area of counter-insurgency, after discussing ways to boost defence ties.

The two Ministers also discussed regional security and appreciated Egypt's and India's contributions to global peace and stability.

15. Chinese Scientists create world's first cloned wild Arctic wolf 'Maya'



The first cloned arctic wolf in history has been successfully produced by scientists in China. Sinogene Biotechnology Co., a Beijing-based company, used the most recent biotechnology to produce the end product, which it claims will aid in the conservation of endangered species. According to a story in Global Times, the company announced the arrival of the arctic wolf pup, 100 days after its birth. The wolf, Maya, was born on June 10 and is in excellent health, the source added. According to the South China Morning Post (SCMP), Maya, a 16-year-old arctic wolf, passed away in August of last year. Her cells were implanted by Sinogene Biotechnology into a female Beagle egg, which has genetic ties to arctic wolves. The Chinese company has created clones of animals before. They used a similar approach in 2019 to clone a cat. Dolly the

sheep was created in 1996 and became the first animal to be cloned. Through a lung infection, it passed away in February 2003.

16. Palm oil Alliance formed by 5 South Asian Countries.



The apex edible oil industry associations from five major palm oil importing countries in Asia have come together for the first time to form an alliance -. Asian Palm Oil Alliance (APOA).

The alliance commits to work worldwide to ensure that palm oil is recognised as a high-quality, economical, and healthy vegetable oil and to change the negative image of palm oil, a statement by India's

edible oil industry body The Solvent Extractors' Association of India said.

The alliance is between industry bodies of India, Pakistan, Sri Lanka, Bangladesh and Nepal.

In the coming year, the membership would be further expanded to include other select companies or industry organisations operating in the production or refining of palm oil across the continent.

The top business groups for edible oils from five of Asia's biggest importers of palm oil have joined together for the first time to form an alliance, an Alliance for Asian Palm Oil (APOA).

The Solvent Extractors' Association of India, the trade group for the edible oil industry in India, released a statement.

The alliance pledges to work on a global level to ensure that palm oil is recognised as a high-quality, affordable, and healthy vegetable oil and to change the negative perception of palm oil.

Industry organisations from India, Pakistan, Sri Lanka, Bangladesh, and Nepal have formed an alliance.

The membership will be further expanded in the upcoming year to include additional specialised businesses or trade associations engaged in the production or refinement of palm oil throughout the continent.

17. G-4 Countries Reiterates UNSC Reform



Following the BRICS conference, External Affairs Minister S. Jaishankar met with his colleagues from Germany, Brazil, and Japan under the auspices of The Group of Four (G4). The reform of the United Nations has been a major focus of his visit to the UN this week. The group's main goals include, but are not limited to, permanent membership for G4 nations in

the UNSC and UNSC reform. They reaffirmed their dedication to advancing reform and expressed disappointment at the lack of development in this area.

The G4 underlined its support for African nations having both permanent and non-permanent representation on a reconstituted UNSC in addition to its

support for each other's ambitions to become permanent members of the body.

According to a joint press release from the G4, the group believed that the U.N. decision-making organisations urgently needed to be overhauled due to the complexity and interconnectedness of global challenges. The statement said that the UNSC's "inability" to "effectively" address these issues "vividly demonstrates the urgent necessity" for UNSC reform.

18. Italy PM election: Giorgia Meloni was elected as the First woman PM of Italy



Giorgia Meloni led a conservative alliance to victory in the election, positioning herself to become Italy's first female prime minister at the helm of its most right-wing administration since World War II.

The rightist group should have a sizable majority in both houses of parliament, according to preliminary figures, perhaps providing Italy a rare opportunity for political stability following years of turbulence and flimsy coalitions.

But Meloni and her partners face a daunting list of difficulties, including rising energy costs, the conflict in Ukraine, and a new slump in the third-largest economy in the euro zone.

19. Saudi Arabia Crown Prince Mohammed bin Salman appointed prime minister



Mohammed bin Salman, the charismatic Crown Prince of Saudi Arabia, has been appointed prime minister by royal decree. The crown prince, who is King Salman's heir apparent, already possesses a wide range of authority and is regarded as the day-to-day ruler of the kingdom. The Saudi Press Agency reported on the royal proclamation naming him as prime minister. It stated that King Salman will continue to preside over the meetings of the Cabinet.

According to the proclamation, Prince Faisal bin Farhan Al Saud, Minister of Foreign Affairs, Mohammed al-Jadaan,

Minister of Finance, and Khalid al-Falih, Minister of Investment, all stay in their current roles.

20. Vladimir Putin grants Russian citizenship to Edward Snowden



Edward Snowden, a US leaker, now has Russian citizenship after Vladimir Putin signed a decree. Former US intelligence contractor Edward Snowden, 39, has been residing in Russia since 2013 in order to avoid prosecution in his home country after leaking classified documents to the Guardian that exposed extensive domestic

and global monitoring programmes run by the US National Security Agency.

Snowden claimed in 2020 that he and his pregnant wife had applied for Russian citizenship so that they wouldn't have to be separated from their unborn child in a time of pandemics and closed borders. The same year, Russia granted him rights to permanent residence, opening the door for him to apply for Russian citizenship.

21. US Economy Shrinks 0.6% in April-June



According to the government, the US economy contracted at an unrevised rate of 0.6 percent from April to June. Spending by consumers increased by 2% annually. A decrease in company inventories and housing investment, however, countered the gain.

The US economy's gross domestic product (GDP) shrank in the first half of 2022. From 3.5 percent in July to 3.7 percent in August, the unemployment rate increased. The Fed increased its median prediction for the jobless rate this year from 3.7 percent in June to 3.8 percent this week. It increased its prediction for 2023 from the 3.9 percent forecast in June to 4.4 percent.

The US Fed has, nevertheless, increased interest rates five times this year. The most recent one was implemented earlier this month to control consumer prices, which rose 8.3 percent from a year ago in the previous month.

22. Swedish Defence Maker Saab To Produce Carl-Gustaf M4 Rocket Launchers In India



The Carl-Gustaf M4 shoulder-fired weapon system will be produced in India, according to a statement by the Swedish defence company Saab. One of the most widely used military tools in the world, the M4 is largely used by the Special Forces (SF). The Carl-Gustaf M4 shoulder-fired weapon system has a maximum range of 1,500 metres and can fire a variety of munitions, including anti-armor and illumination rounds.

The production facility's location has not been disclosed by Saab or the GOI, but it is scheduled to open in 2024. For this project, a new business called Saab FFV India will be founded to produce these rocket launchers for the Indian military as well as components for other weapon platforms for other countries. The earlier M2 and M3 variants had previously been licenced produced by the Indian Ministry

of Defence's (MoD) Ordnance Factory Board when Carl-Gustaf was initially enlisted in the Indian Army in 1976. (OFB). The partnership between the Indian Army and Saab has been deepened, and this is a tremendous step toward the indigenization of the Indian defence industry.

This is the first time a Swedish defence manufacturer has established its M4 weapon system outside of Sweden. At the moment, India only accepts 100% FDI on a case-by-case basis and a 74% FDI model in its defence sector. Saab is aiming for 100% FDI, but if it doesn't work out, it will accept 74% FDI.

23. World Bank and SIDBI to launch fund against loan default to lenders financing the purchase of electric 2 & 3 Wheelers



A billion-dollar fund would be established by the government, the World Bank, and the Small Industries Development Bank of India (SIDBI) to protect lenders funding the purchase of electric two- and three-wheelers from loan default.

In order to better understand how to increase commercial financing availability for electric two and three wheelers and build a risk sharing programme for financial institutions interested in this sector, SIDBI and the World Bank have begun meeting with financial institutions and manufacturers. A Korean grant obtained by the World Bank and signed on September 26, 2022, with SIDBI, facilitates this process. According to Gerald Paul Ollivier, Lead Transport Specialist for the World Bank, a concept will be created based on this sounding, and the schedule will be established at that point.

According to a person participating in the negotiations, the parties will first put up a million "first loss risk sharing instrument." All financial institutions would be able to

use the funds as a first-loss instrument, he said.

24. Indian-origin Suella Braverman won first Queen Elizabeth II award



At a ceremony in London, Suella Braverman, Britain's Home Secretary of Indian descent, was selected the recipient of the inaugural Queen Elizabeth II Woman of the Year award. At the Asian Achievers Awards (AAA) 2022 ceremony, which honours the late queen who recently died away, the 42-year-old barrister who was elevated to the Cabinet earlier this month by British Prime Minister Liz Truss said it was the honour of her life to take on the new post.

The Goan-origin father Christie Fernandes and Tamil mother Uma's daughter

Braverman, who was born in London, submitted a recorded message to the ceremony where her parents accepted the prize on her behalf. In the 1960s, my mother and father immigrated to our nation from Kenya and Mauritius, Braverman wrote in her greeting.

25. Breakthrough Prize 2023 in Mathematics awarded to Daniel Spielman



The most generously endowed prizes in science, the Breakthrough Prizes were established in 2010 by a group of Silicon Valley businesspeople. They give out more money than the Nobel prizes. The Breakthrough Prizes, known as the "Oscars of Science," were revealed. A total of more than \$15 million will be divided among the 2023 winners.

Daniel A. Spielman has been honoured with the 2023 Breakthrough Prize in Mathematics for multiple discoveries in theoretical computer science and mathematics. Along with Sergey Brin of Google, Mark Zuckerberg and his wife, Priscilla Chan, of Facebook, and Mr. Milner, a venture financier, are the prize's founders.

26. Indian author & poet Meena Kandasamy won the German PEN award



The PEN Center in Darmstadt, Germany, has announced that Meena Kandasamy, a novelist and poet from India, would receive the Hermann Kesten Prize this year. The Hermann Kesten Prize honours individuals who defend the rights of threatened writers and journalists in accordance with the PEN association's mandate.

In reference to Kandasamy's 2011 collection of poems, Ms Militancy, Vice President of the German PEN Center Cornelia Zetsche called the author "a fearless fighter for democracy and human rights, for the free word and against the oppression of landless, minorities, and Dalits in India; not a 'Ms. Pleasant', rather a 'Ms. Militancy'."

Kandasamy, a feminist and anti-caste activist who was born in Chennai in 1984, focuses on issues of gender, caste, sexuality, patriarchy, and Brahmanical system oppression in her work. The International Dylan Thomas Prize, the Jhalak Prize, the Hindu Lit Prize, and the Women's Prize for Fiction have all shortlisted her books.

27. Eurozone Inflation Hits At 10%, A new High

Inflation in the euro zone rocketed beyond predictions in September to reach 10.0%, a new record high that will raise hopes for another significant interest rate increase

from the European Central Bank the following month.

Data from Eurostat revealed that price growth in the 19 nations that use the euro increased from August's 9.1%, exceeding predictions for a reading of 9.7%, with several euro zone members seeing the strongest price increases since the Korean War 70 years ago.

Although unpredictable energy and food prices continued to be the main drivers of inflation, it has continued to widen, with nearly all categories—from services to industrial goods—now displaying excruciatingly high rates. That means that inflation is increasingly being fueled by excess demand and is at risk of becoming entrenched, which is likely to make uncomfortable reading for the European Central Bank (ECB), which targets price rise of 2%.

28. Kazakhstan changes capital's name from Nur-Sultan back to Astana



Vladimir Putin declares that Russia will annexe four regions of Ukraine.



Vladimir Putin, the president of Russia, declared that his country was annexing four regions of Ukraine. Putin signed agreements to start the process of annexing areas of Ukraine to Russia, defying both international law and the international community. Donetsk and Luhansk in eastern Ukraine, as well as Kherson and Zaporizhzhia in the south, are the four territories that are being annexed.

The signing of these accords took place three days after the conclusion of "referendums" on joining Russia organised by Moscow, which the West and Ukraine denounced as a blatant land grab conducted under duress. From the start, it was assumed that Russia would win the referendums since voting in the occupied territories would either be rigged or forced. About 15% of Ukraine is made up of the four regions of Donetsk, Luhansk, Kherson, and Zaporizhzhia. Along with Crimea, which it annexed in 2014, Russia now claims—and effectively governs major portions of—about 20% of Ukraine.

29. Srishti Bakshi, an Indian advocate for women's rights, receives the "Changemaker" award



The UN SDG Action Awards have recognised an Indian woman's rights activist who travelled 3,800 kilometres across the length of the nation in less than a year to promote awareness of gender-based violence and inequality.

At the UN SDG Action Awards, Srishti Bakshi, a former marketer who is now a women's rights activist, received the "Changemaker" award for "confronting gender-based violence and pushing for safe access to public spaces." The SDG Action Campaign said in a statement that the Awards, a centrepiece of the UN SDG Action Campaign, sought initiatives that 'Mobilise, Inspire and Connect' people to drive action towards a more sustainable future on a healthy planet as well as those

that are flipping the script and rethinking "how we live."

30. Minister of State for Culture Arjun Ram Meghwal attends



At the UNESCO-MONDIACULT 2022 World Conference, which took place in Mexico City from September 28 - 30, 2022, the Indian delegation, led by Minister of State for Culture Shri Arjun Ram Meghwal, was present. The Minister spoke at the conference on pressing challenges and worries regarding cultural sector policies. More than 100 countries' culture ministers took part in this multilateral forum at the conference to decide on the direction of the world's cultural conversation.

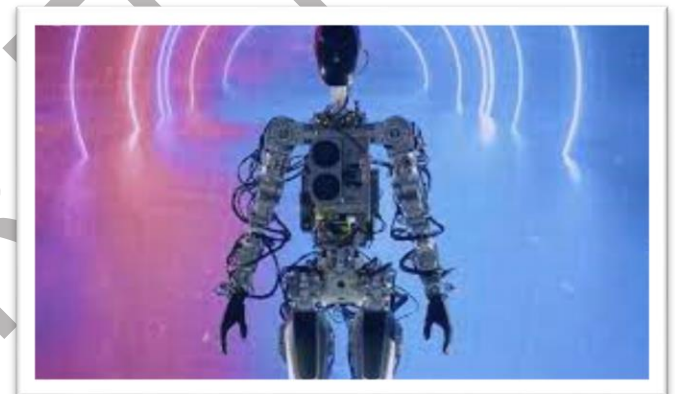
The first Mondia cult World Conference on Cultural Policies was held in Mexico City (Mexico) in 1982, and the UNESCO

World Conference on Cultural Policies for Development was held in Stockholm (Sweden) in 1998. Forty years and 24 years later, respectively, UNESCO has called the World Conference on Cultural Policies and Sustainable Development (MONDIACULT 2022). This conference is the third of its kind. In line with the vision outlined in the UN Secretary-report General's "Our Common Agenda" (September 2021), which refers to culture as a "global public good, the good of us all," the conference's main objective is to shape a more robust and resilient cultural sector, fully anchored in the perspectives of sustainable development as well as the promotion of solidarity, peace, and security.

UNESCO brought together its Member States and the international community to begin a joint continuous reflection on cultural policies to address global

challenges and outline immediate and future priorities during the most recent Decade of Action for the implementation of the United Nations Sustainable Development Goals, which was agreed upon by the international community as a joint aspirational roadmap.

31. Optimus robot prototype unveiled by Elon Musk, CEO of Tesla



At Tesla's "AI Day" event, CEO Elon Musk displayed his highly regarded humanoid robot, "Optimus."

The billionaire hopes to move beyond self-driving cars, which despite his repeated promises have not yet materialised, by claiming that a robot business will be worth more than its cars.

The robot's prototype entered the stage and waved to the spectators sitting in

their seats. The robot was seen in a video moving metal bars, carrying a box, and watering plants in the automaker's factory.

32. Nobel prize 2022: Svante Pääbo awarded Nobel Prize in medicine



Swedish scientist Svante Paabo was awarded the Nobel Prize in medicine for his discoveries on human evolution, which provided key insights into our immune system and what distinguishes us from our extinct cousins, according to the award's panel. Mr. Paabo was instrumental in the development of new techniques that allowed researchers to compare the genomes of modern humans and other hominins, such as Neanderthals and Denisovans. While Neanderthal bones were discovered in the mid-19th century, scientists have only been able to fully

understand the links between species by unlocking their DNA — also known as the code of life.

33. India signed an agreement with Armenia to export missiles, rockets & ammunition



India will send missiles, rockets, and ammunition, including indigenous Pinaka multi-barrel rocket launchers, to Armenia to enable the country protect itself against the neighbouring Azerbaijan following recent fighting between Armenian and Azerbaijani troops. Defence India authorised the shipment of weapons through a government-to-government channel, whereby the two countries earlier this month signed agreements for the delivery of weapons and ammunition to Armenia.

India will also export homegrown Pinaka multi-barrel rocket launchers, which is a first. The Defense Research and Development Organization (DRDO) created Pinaka, which is produced by local private sector businesses. According to the article, Armenia will also receive anti-tank missiles and a variety of ammunition from India as part of the package agreement.

This development comes in an effort to advance the government's initiatives to enhance weapons exports, which include policy changes and direct government assistance in securing international orders, according to ET. By 2025, the Center wants to have sold \$35,000 billion worth of weaponry abroad.

34. The Nobel Prize In Physics 2022 Announced



Scientists Carolyn R. Bertozzi, Morten Meldal, and K. Barry Sharpless were awarded the 2022 Nobel Prize in Chemistry for discovering reactions that allow molecules to snap together to form desired compounds and provide insight into cell biology. It came just one day after Alain Aspect, John F. Clauser, and Anton Zeilinger were awarded the Nobel Prize in Physics for their advances in quantum mechanics on the behaviour of subatomic particles, which paved the way for work on supercomputers and encrypted communication. Ms. Bertozzi and Mr. Sharpless of the United States, along with Mr. Meldal of Denmark, were recognised for their contributions to the development of click chemistry and bioorthogonal chemistry.

Mr. Sharpless joins a select group of scientists who have received two Nobel

Prizes. Other winners include John Bardeen, who received the Physics Prize twice, Marie Curie, who received the Physics and Chemistry Prizes, Linus Pauling, who received the Chemistry and Peace Prizes, and Frederick Sanger, who received the Chemistry Prize twice.

35. Saudi Arabia wins bid to host 2029 Asian Winter Games at desert megacity



The \$500 billion (£440 billion) flagship Neom project in the Gulf Arab state of Saudi Arabia announced that it had won the proposal to host the 2029 Asian Winter Games at a proposed mountain resort. According to the project website, the Trojena development will feature outdoor skiing, a man-made freshwater lake, and a natural reserve when it is finished in 2026.

As part of the kingdom's Vision 2030 development goal to lessen its dependency on oil and reshape the economy, notably through the growth of sports, Neom is Crown Prince Mohammed bin Salman's most challenging undertaking. Neom, a high-tech development of 26,500 square kilometres (10,230 square miles) on the Red Sea, will contain "The Line," a zero-carbon city, as well as industrial and logistical regions.

36. Majestic Hindu temple opens in Dubai



Here in Jebel Ali Village, a magnificent new Hindu temple that combines Indian and Arabic architectural styles was dedicated with a stirring message of tolerance, peace, and harmony. The temple, which is situated in the area known as the "worship village" of the

emirate, officially welcomed worshipers from all across the United Arab Emirates. The official inauguration ceremony was highlighted by a potent message of acceptance, peace, and harmony that brought together individuals of all religions, according to the Khaleej Times newspaper.

Nine religious buildings, including seven churches, the Guru Nanak Darbar Sikh Gurudwara, and a new Hindu temple, are currently located in Jebel Ali's "worship village." The temple combines Indian and Arabic architectural styles with fine hand carvings, elaborate pillars, brass spires, and spectacular lattice screens.

37. Former German Chancellor Angela Merkel Wins UNHCR's Nansen

Refugee Award



At a special ceremony in Geneva night, Dr. Angela Merkel, the former Federal Chancellor of Germany, got the 2022 UNHCR Nansen Refugee Award. She said the honour was given in recognition of "the countless people who lent a hand" when numerous migrants entered Europe in 2015 and 2016.

At the height of the Syrian conflict and in the midst of other conflicts, Germany accepted nearly 1.2 million refugees and asylum seekers under the direction of the former Chancellor, who also oversaw attempts to integrate them into society. She also made sure that Germany played the part of a trustworthy humanitarian partner in international efforts involving refugees. Dr. Merkel praised the enormous efforts made by other nations, including Turkey, Lebanon, and Jordan,

which continue to welcome a sizable number of Syrian refugees, many of whom desired to remain near their home country, during her acceptance address.

38. Alphabet Inc' s Google to build its first cloud region in Greece



Greek efforts to establish itself as a global cloud computing hub would benefit from Alphabet Inc.'s Google's decision to establish its first cloud region there, the firm announced.

According to Greek Prime Minister Kyriakos Mitsotakis, the agreement is expected to add about 2.2 billion euros (\$2.13 billion) to Greece's economic output and provide about 20,000 jobs by 2030. The conservative government of Mitsotakis, who was elected in 2019, has intensified efforts to diversify the

economy, entice foreign investment, and bring high-tech enterprises to the nation, which ended a ten-year financial crisis in 2018.

39. NASA' s SpaceX Crew-5 Launches to International Space Station



On October 5, NASA's SpaceX Crew-5 mission blasted off for the International Space Station (ISS). During their six-month stay on the station, Crew-5 will carry out scientific investigations and technological demonstrations that are beneficial to Earthlings and establish the foundation for upcoming Artemis human exploration missions to the Moon and, eventually, Mars. In spite of concerns related to the Ukraine crisis, a SpaceX rocket launched from Florida carrying the next long-term International Space Station crew, which

included a Russian cosmonaut, two Americans, and a Japanese astronaut.

The Crew-5 mission, the fifth full-fledged ISS crew NASA has flown on a SpaceX craft since the private rocket company founded by Tesla CEO Elon Musk started launching US astronauts into orbit in May 2020, is known for its innovative technology.

At noon from NASA's Kennedy Space Center in Cape Canaveral, the SpaceX launch vehicle—a Falcon 9 rocket topped with a Crew Dragon module named Endurance—launched into a cloudless sky. The nine Merlin engines of the two-stage, 23-story-tall Falcon 9 screamed to life, sending up billowing clouds of vapour and a reddish-orange blaze as it lifted off from the launch tower.

40. Captain Ibrahim Traore chosen as President of Burkina Faso



Captain Ibrahim Traore was chosen to lead Burkina Faso. Traore has been designated as "Head of State, Supreme Head of the Armed Forces," according to an official announcement. Traore will now serve as the "guarantor of national independence, territorial integrity... and continuity of the State," according to the statement, according to AFP.

In the country of west Africa, it was the second coup in nine months. On September 30, Traore and a gang of soldiers overthrew President Paul-Henri Damiba. He subsequently assumed control and put the constitution on hold. In a televised speech, the 34-year-old military chief claimed that the action was made because Damiba was unable to

handle an armed insurrection in the nation.

41. Indian-origin Surgeon General Dr. Vivek Murthy is a US representative on the WHO executive board.



Dr. Vivek Murthy, the US Surgeon General, has been proposed by President Joe Biden to represent the US on the World Health Organization executive board. The White House announced in a statement that Dr. Murthy, 45, will hold the new role in addition to his ongoing responsibilities as the US Surgeon General.

In March 2021, the US Senate approved him to take office as the nation's 21st Surgeon General. Previously, he worked for President Barack Obama as the 19th Surgeon General. As the nation's physician, the Surgeon General's role is to create the groundwork for a healthy

nation by providing the public with resources and guidance that are transparent, consistent, and fair.

42. India and New Zealand's navies agree to share white shipping information



According to a release from the Ministry of Defence, the Indian Navy and the Royal New Zealand Navy have signed a White Shipping Information Exchange Agreement to encourage more openness in the maritime domain.

During the latter's recent visit to the nation, Admiral R Hari Kumar, the head of the Navy, and Rear Admiral David Proctor, the head of the Royal New Zealand Navy (RNZN), inked the agreement. From September 29 to October 1, 2022, CNS Hari Kumar was in New Zealand. The

RNZN command staged a traditional Powhiri ceremony to welcome him upon his arrival, and he was also given the ceremonial guard of honour at the Navy Ground, according to the Defence Ministry.

The RNZN Anniversary Celebrations and the CNS visit took place at the same time. At the "Beat Retreat and Ceremonial Sunset Ceremony," which was conducted in Auckland to commemorate this momentous anniversary, he was welcomed as a distinguished guest.

43. 5th Assembly of International Solar Alliance to be held in New Delhi



Starting on October 17 in Delhi, the International Solar Alliance's 5th Assembly will be conducted. Through the promotion of solar energy, participants from 109 nations will exchange their

experiences in creating a low-carbon economy. The upcoming worldwide meet's aims and focal areas were described by Dr. Ajay Mathur, director general of ISA, in an interview with All India Radio News. He stated that one of the main goals of the meeting is to streamline investments in the solar sector into nations where such investments are not currently occurring. He also stated that another goal is to establish a risk mitigation facility with a payment guarantee mechanism for solar projects.

44. Nobel Peace Prize 2022: Human rights campaigners in Ukraine, Russia, and Belarus awarded



One person and two organisations that "represent civil society in their native countries" received the Nobel Peace Prize in 2022, as announced by Berit Reiss-

Andersen, chair of the Norwegian Nobel Committee. Ales Bialiatski of Belarus, Memorial, a Russian human rights organisation, and Center for Civil Liberties, a Ukrainian human rights organisation, received this honour.

Reiss-Andersen continued by speaking to the media about the imprisoned human rights campaigner from Belarus, Ales Bialiatski. He spent his entire life working to advance democracy and a peaceful development of Belarus. He was one of the founders of the democracy movement that first appeared in Belarus in the middle of the 1980s.

The Russian human rights organisation Memorial was one of the two groups that received this honour. According to Reiss-Andersen, activists from the former Soviet Union created the organisation in 1987 in order to "guarantee that the victims of the communist regime's tyranny would never

be forgotten." She continued by saying that the foundation of the organisation was the idea that "confronting past crimes is crucial in preventing new ones."

The Center for Civil Liberties in Ukraine was created in 2007 with the goal of supporting democracy and human rights. It has vowed to support Ukrainian civil society and put pressure on the government to turn Ukraine into a functioning democracy, according to the academy. Since the Russian invasion started earlier this year, the centre has played a crucial part in holding those responsible for their crimes accountable as they attempt to "detect and document Russian war crimes against the Ukrainian population."

IMPORTANT DAYS

1. International PCOS Awareness Month: September 1-30, 2022



Polycystic ovary syndrome (PCOS) is a common hormonal disorder in women

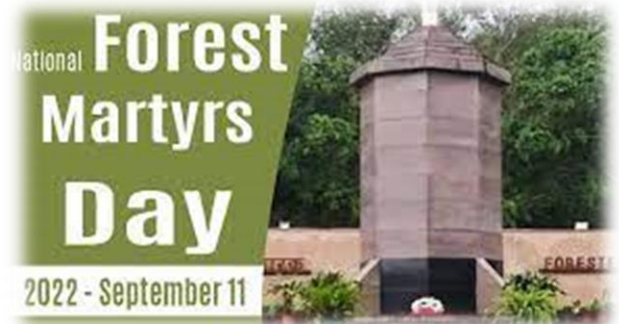
that is also the leading cause of female infertility. The month of September is recognized as International PCOS Awareness Month.

2. World First Aid Day 2022: “Lifelong First Aid”



The second Saturday of September is designated as World First Aid Day. This day is observed to increase public awareness of how first aid can save lives. This year, World First Aid Day will be celebrated on September 10. Every individual must know how to perform basic first aid. Furthermore, being cognizant of what needs to be done during a medical emergency is always a plus. First aid is an emergency treatment given to an injured person until proper medications and assistance can be offered.

3. National Forest Martyrs Day 2022 observed on 11th September



National Forest Martyrs Day 2022 is observed on September 11 every year. To honour those who gave their lives to preserve India's forests, jungles, and wildlife, National Forest Martyrs Day is observed. In order to protect our forests, wildlife, national parks, animal sanctuaries, etc., forest rangers and other personnel work day and night.

The Ministry of Environment, Forest and Climate Change declared in 2013 that a day should be set aside in honor of forests and people who protect India's forests, jungles, and wildlife.

The significance of trees is celebrated on National Forest Martyrs Day.

4. Hindi Diwas 2022



Hindi is considered one of the most important and major languages in India. Hindi Diwas is celebrated to honor the Hindi language. The Hindi language connects people with each other. Every year, Hindi Diwas is celebrated on September 14, 2022.

The celebration of Hindi Diwas in India started after the independence of the country. Hindi was adopted as the national language in India by the Indian constitution on September 14, 1949. On 14 September 1949, the Constituent Assembly accepted Hindi written in Devanagari script as the official language of India. The main purpose was to celebrate this day and emphasize the value of the language.

5. World Lymphoma Awareness Day observed on 15 September



World Lymphoma Awareness Day is an annual event organised every year on 15th September to create awareness about the cancer of the lymphatic system and educate people about the functionality of lymphatic systems, which consists of lymph nodes, spleen, thymus gland, and bone marrow.

Lymphoma is a common blood cancer that happens due to malfunctioning (genetic mutation) of white blood cells called lymphocytes, causing rapid and uncontrolled growth of cells in the lymphatic system. This accumulation of lymphocytes adversely impacts the lymph nodes.

Lymphoma Awareness Day was started to spread and create public interest and

awareness to understand Lymphoma and its types in terms of symptoms and diagnosis so that early detection could help patients to consult the specialists to manage it. It is essential to understand the lymphatic systems as it defines our body's defense mechanism. Once the functionality of the lymphatic system is compromised, it's likely to get affected by various infectious diseases and other disorders which can lead to severe ailments.

6. International Day of Democracy 2022 observed on 15 September

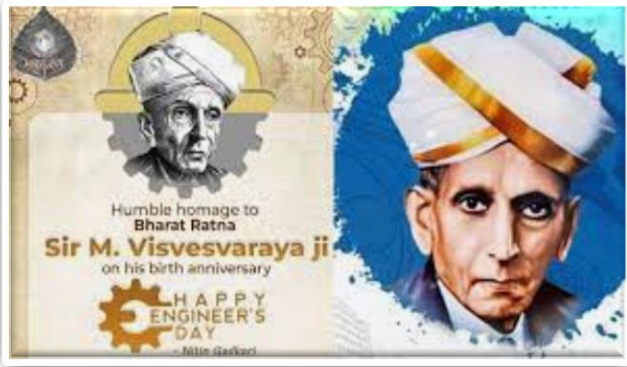


International Day of Democracy is celebrated every year on 15 September under a specific theme. The day is observed globally to mark the importance of democracy and create awareness among people about democratic rights. The ideal of democracy can only be

realised as a reality to be enjoyed by everyone, everywhere with full participation, cooperation, and support of the international community, civil society, national governing bodies, and individuals.

According to Article 19 of the Universal Declaration of Human Rights, the right to freedom of expression is a fundamental human right. However, there are governments and highly influential people all around the world who are always on the lookout for ways to hinder it. The International Day of Democracy has been established to create awareness among people so that they understand the importance of protection and the effective realization of human rights.

7. National Engineer' s Day 2022 celebrated on 15 September

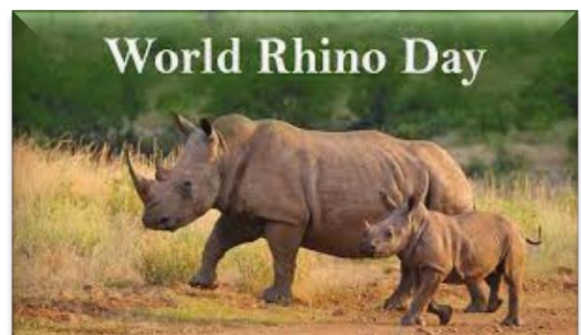


The birth anniversary of M. Visvesvaraya will be observed as National Engineering Day, the Indian government said in 1968. He was born on September 15, 1860, and grew up in a Telugu Brahmin household. He was a famous scholar and statesman. From 1912 to 1919, he served as the Diwan of Mysore and was a civil engineer.

The birth anniversary of M. Visvesvaraya will be observed as National Engineering Day, the Indian government said in 1968. He was born on September 15, 1860, and grew up in a Telugu Brahmin household. He was a famous scholar and statesman. From 1912 to 1919, he served as the Diwan of Mysore and was a civil engineer. He received the Bharat Ratna, India's highest civilian honour, in 1955.

Visvesvaraya established a number of businesses, including the Government Engineering College, Mysore Iron and Steel Works, State Bank of Mysore, Mysore Soap Factory, and Bangalore Agricultural University. King George V knighted him as a Knight Commander of the British Indian Empire in honour of his abilities and accomplishments. The "Father of Modern Mysore" is what people refer to him as.

8. World Rhino Day 2022 observed on 22 September



World Rhino Day is celebrated annually on September 22, 2022. The day is crucial in spreading awareness about the need to protect the rhino species. Hunting rhinos for their horns is done for a variety of medical reasons. This is one of the causes of this species' slow extinction.

This year's World Rhino Day has the theme "Five Rhino Species Forever."

9. World Rose Day (Welfare of Cancer Patients) 2022



Every year on September 22, World Rose Day or the Day for the Welfare of Cancer Patients is observed. The day honours those battling cancer worldwide and was created in memory of Melinda Rose, a 12-year-old Canadian who passed away from the disease in 1996.

On World Rose Day, people offer roses, cards, and gifts to cancer patients and their caregivers, who also play an important role in this difficult journey.

10. International Day of Peace celebrates on the 21st of September



On September 21, people all over the world mark the International Day of Peace. This day has been designated by the UN General Assembly as a time to enhance the values of peace by engaging in a 24-hour period of nonviolence and a cease-fire.

The 2022 theme for the International Day of Peace is "End racism. Build peace."

11. World Alzheimer's Day 2022 observed on 21st September



September 21, is recognized as World Alzheimer's Day.

The most prevalent type of dementia is Alzheimer's disease. Memory and cognitive abilities are lost as a result of this degenerative brain disorder. It causes brain cell death, which results in loss of body functioning, alterations in memory, erratic behaviour, and memory loss.

This year the theme for world Alzheimer's month 2022 is - know dementia, know Alzheimer's.

12. International Week of Deaf People 2022: 19 to 25 September 2022



The International Week of the Deaf is celebrated every year for the entire week concluding on the final Sunday in September (IWD). IWD is observed in 2022 from September 19 to September 25. Building Inclusive Communities for All is the focus of the 2022 International Week of Deaf People. It was first introduced in 1958 in Rome, Italy, to honour the month in which the first World Congress of the WFD was held. It is a project of the World Federation of the Deaf (WFD).

13. World Bamboo Day 2022

observed on 18th September



World Bamboo Day is observed on September 18 with a focus on creating awareness about bamboo and its use. Bamboo wood has long been used for various purposes in countries around the globe, especially in the east and southeast Asia. Bamboo grows on its and doesn't require to be replanted, making it easily available.

14. International Equal Pay Day celebrates on 18 September



The 18th of September is recognised as International Equal Pay Day. The Equal Pay International Coalition (EPIC) wants to take advantage of this opportunity in 2022 to highlight some of the pay transparency initiatives being carried out around the globe, as well as alternative tools and solutions to important queries.

The day strives to end all forms of discrimination, particularly discrimination against women and girls, and to achieve equal remuneration for work of equal worth.

15. International Day for the Preservation of the Ozone Layer 2022: 16th September



The 16th of September is recognised as World Ozone Day or the International Day for the Preservation of the Ozone Layer. The day aims to raise awareness of the Ozone layer's significance and necessity as the planet's only line of defence against UV rays from the sun. Additionally, the UN Environment Programme seeks to raise awareness of the necessity of eliminating pollutants that harm the ozone layer. It also requires taking time-specific measures to safeguard the Earth's shield.

16. World Patient Safety Day
observed on 17 September



Every year on September 17, World Patient Safety Day is commemorated to raise awareness of the various safety precautions that should be followed to guarantee patient safety. September 17, 2022, will be recognised as World Patient Safety Day. The purpose of the day is to improve public awareness of patient safety, foster greater public involvement in patient safety, and develop strategies for resolving patient harm-related problems.

This year, the theme of World Patient Safety Day 2022 is 'Medication Safety' along with the slogan 'Medication Without Harm' with a call to action to 'Know, Check & Ask'.

17. International Day of Sign Languages
observed on 23 September



To highlight the importance of sign language creation and preservation, September 23 is designated as International Day of Sign Languages. It strives to support the linguistic identity of the community of hearing-impaired people and other people who communicate using them.

This year's International Day of Sign Languages with the theme "Sign Languages Unite Us" will be the fifth such celebration.

18. National Cinema Day 2022
observed on 23rd September



On September 23, National Cinema Day was observed to honour the successful reopening of theatres.

According to the Multiplex Association of India (MAI), around 6.5 million people attended movies on National Cinema Day, which was observed to mark the successful reopening of movie theatres.

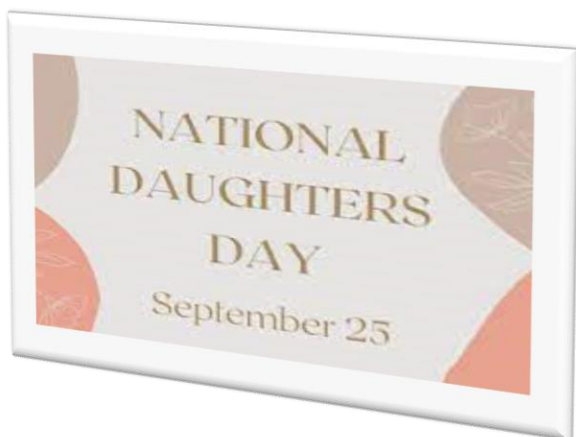
19. Nation Observes Antyodaya Divas 2022: 25 September



Antyodaya Diwas is observed on September 25th each year in India. It commemorates the birth anniversary of Indian leader Pandit Deendayal Upadhyaya and is held to remember his life and legacy. He was one of the most prominent figures in Indian politics history. This year's Antyodaya Diwas commemorates Upadhyaya's 105th birthday. He was a Bharatiya Janata Sangh (BJS) co-founder and a Rashtriya Swayamsevak Sangh (RSS) thinker.

Antyodaya means "lifting the poorest of the poor," and the special day aims to reach the society's most vulnerable members. On this day, Upadhyaya is remembered for the role he played in the upliftment of the poor in society and politics.

20. International Daughter's Day 2022: 25 September.



Every year on the fourth Sunday of September, International Daughters Day is observed to honour the girl child. The International Daughters' Day, which has no specific origin, encourages people to honour their daughters. It is observed on September 25 this year.

The day was created to combat the stigma associated with having a girl child, viewing daughters as a liability, and to honour women. Several issues, such as female infanticide, dowry, and foeticide, exist today. People in several countries, including India, prefer the birth of a boy over the birth of a girl. Girls are subjected to child marriages, poor education, sexual abuse, child domestic work, and teenage pregnancy as a result of gender discrimination. The day is significant in combating such stigmas.

21. World Pharmacists Day 2022 celebrates on 25th September



Every year on September 25, World Pharmacist Day is observed to highlight and advocate for pharmacists' contributions to health improvement. World Pharmacy Day serves as a reminder to recognise all medical specialists who provide their services with empathy and understanding. Pharmacists make pharmaceuticals available and offer advice on medication safety. A pharmacist is a medical professional who is in charge of storing, handling, and dispensing medications. Pharmacists, like doctors, play an important role in the healthcare industry.

The theme for this year, "Pharmacy united in action for a healthier world," aims to

promote unity while also highlighting the positive effects of pharmacy on health.

Pharmacists are trained to advise us on how to use and store medications correctly, as well as to provide us with important information about potential side effects. These professionals also contribute to drug research while providing essential services in hospitals, medical clinics, government institutions, and universities. Furthermore, pharmacists are responsible for the safe disposal of expired medications.

22. World Contraception Day 2022 observed on 26th September



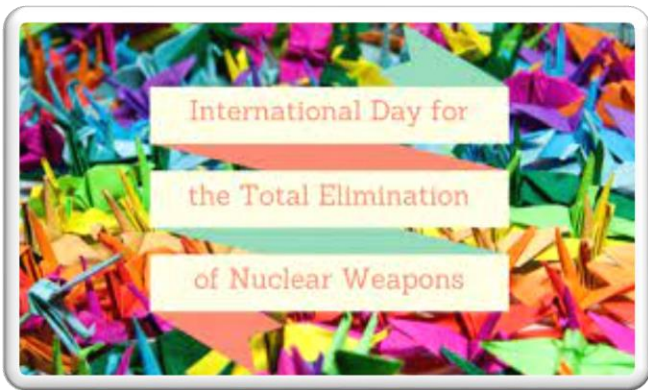
On September 26, the world observes World Contraception Day, with the goal of raising awareness about contraceptive knowledge and family planning. To educate the next generation about

contraception methods. People are taught about conception prevention in this programme.

The importance of World Contraception Day is encapsulated in the World Health Organization's 2030 Agenda for Sustainable Development. Its goal is to "ensure universal access to sexual and reproductive healthcare services, including family planning, information and education, and the incorporation of reproductive health into national strategies and programmes, by 2030."

It is distinguished by the development of effective online and offline campaigns to decipher the main goal and reach millions of people. There are also events that discuss maternal mortality, unintended pregnancy, a lack of contraception, family planning, and other topics.

23. International Day for the Total Elimination of Nuclear Weapons 2022



Every year on September 26th, the United Nations observes the International Day for the Total Elimination of Nuclear Weapons. The goal of the day is to raise public awareness about the threat that nuclear weapons pose to humanity and the need for their total abolition. It provides an opportunity to educate the public and their leaders on the true benefits of eliminating such weapons, as well as the social and economic costs of continuing to use them.

24. World Environmental Health Day 2022: History, Significance and Theme



Every year on September 26th, World Environmental Health Day is observed. The purpose of the day is to raise public awareness of the state of the environment and encourage people to take the necessary steps to prevent it from deteriorating further. It is more important than ever to raise awareness about the threats posed by pollution, climate change, and global warming because the Earth is our home, and if we do nothing to prevent it from deteriorating, we endanger not only the environment but also ourselves.

This year's World Environment Health Day theme is "Strengthening Environmental Health Systems for Sustainable Development Goals Implementation."

25. World Rivers Day 2022: Theme, Significance, and History



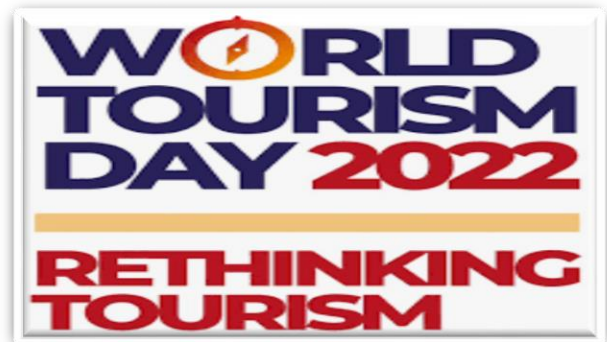
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The International Federation of Environmental Health established the day in 2011. The IFEH's mission is to create and disseminate knowledge about environmental health protection and improvement. They devote a substantial

amount of their time to scientific and technological research. We must recognise the interdependence of the environment, health, and economics. As a result, it is critical that we take action to restore our environment in order to ensure its safety as well as our own.

This year's World Environment Health Day theme is "Strengthening Environmental Health Systems for Sustainable Development Goals Implementation."

26. World Tourism Day 2022
celebrates on 27th September



The United Nations World Tourism Organization (UNWTO) was established on this day (September 27) in 1970, which coincided with the decision to celebrate World Tourism Day.

The adoption of those statutes served a purpose, which is to shed light on the role of tourism and how it creates lifetime opportunities for those who benefit from it. A whole industry is involved, creating social values, cultural habits, political ethics, and economic development all at the same time.

In 1997, a host country was chosen, and industry representatives were encouraged to attend. It was agreed upon at a meeting in Istanbul, Turkey.

The theme for World Tourism Day 2022 is "rethink tourism." At each annual meeting, a theme was chosen. The goal was to raise awareness and increase tourism on a global scale.

Bali, Indonesia is hosting World Tourism Day this year.

27. International Day for Universal Access to Information 2022



The United Nations Educational, Scientific, and Cultural Organization (UNESCO) has designated September 28 as International Day for Universal Access to Information. The 2022 International Day for Universal Access to Information (IDUAI) will provide an opportunity to discuss e-Government and Artificial Intelligence in order to ensure the Right to Information. For healthy and inclusive knowledge societies, universal access to information means that everyone has the right to seek, receive, and impart information.

The theme of the 2022 Global Conference on Universal Access to Information is "Artificial Intelligence, e-Governance, and Information Access." This conference will be held in Tashkent, Uzbekistan.

Making informed decisions requires easy access to information. Whether it is about which government you want to represent

you or knowing who governs you. Access to information is required for progress on all fronts. The International Day for Universal Access to Information also promotes the idea of human rights protection. Furthermore, it raises awareness of the significance of information freedom.

28. World Rabies Day 2022: Theme, Significance & History



World Rabies Day is observed on September 28 to raise awareness about rabies and to bring people together to improve global prevention and control efforts. It is observed in a number of countries, including the United States. It is also known as a zoonotic disease because it is transmitted from animals to humans. It is caused by the rabies virus, a member of the Lyssavirus genus and the

Rhabdoviridae family. The domestic dog is the most common reservoir of the virus, accounting for more than 99% of human deaths caused by dog-mediated rabies.

"One Health, Zero Deaths" is the theme of World Rabies Day 2022.

This theme emphasises the significance of being healthy.

29. World Heart Day 2022 Observed On September 29



Every year on September 29th, people all over the world observe World Heart Day. The day is observed to raise awareness about the growing concerns about heart health, cardiovascular diseases, the impact of overexercising on the heart, and the importance of heart care.

'USE HEART FOR EVERY HEART' is the theme for World Heart Day 2022.

This international event was created in collaboration with the World Heart Federation and the World Health Organization.

30. International Day of Awareness of Food Loss and Waste 2022



The International Day of Food Loss and Waste is observed globally on September 29, 2022. Reducing food loss and waste is critical because it contributes to the realisation of broader agri-food system improvements aimed at achieving food security, food safety, improving food quality, and delivering on nutritional outcomes. Reducing food loss and waste also helps to reduce greenhouse gas

emissions as well as the strain on land and water resources.

The theme of the International Day of Food Loss and Waste 2022 is "Stop Food Loss and Waste, for People and Planet."

31. International Translation Day 2022: 30th September



The world celebrates International Translation Day every year on September 30 to recognize the work of the translators who help in connecting countries all over the world. International Translation Day 2022 is celebrated on September 30.

The theme of International Translation Day 2022 is 'A World Without Barriers: The Role of Language Professionals in

Building Culture, Understanding and Lasting Peace.’

32. World Maritime Day 2022: Theme, Significance and History



Every year on the last Thursday of September, the world maritime day is observed, and in 2022, the date will be September 30. This holiday is observed to honour the contributions of those who work in the maritime industry.

The day honours and raises awareness of the roles of seafarers, service agents, and marine officials. Sea life is also difficult because of the long working hours and the sacrifice of being away from home.

‘New technologies for greener shipping’ is the theme of World Maritime Day 2022.

33. International Coffee Day 2022 celebrates on the 01st October



Every year on October 1st, the world celebrates International Coffee Day. The day is observed to raise awareness for coffee growers and to promote fair trade in coffee.

Every year, the world celebrates coffee and honours the millions of people who work in the coffee industry, from farmers to roasters to baristas to coffee shop owners.

The International Coffee Organization (ICO) brings governments from exporting and importing countries together to solve the challenges facing the coffee industry. The ICO member governments account for 98% of global coffee production and 67% of global consumption.

**34. World Vegetarian Day 2022
observed on 01st October**



World Vegetarian Day is celebrated on the first day of October. It also kickstarts Vegetarian Awareness Month. This global day of advocacy and awareness celebrates the benefits of vegetarianism and encourages people to reduce their consumption of animal products. The day is commemorated to create awareness about the benefits of vegetarianism like reducing the risks of heart disease and other health complications.

**35. International Day of Older
Persons celebrates on the 1st October**



On December 14, 1990, the United Nations General Assembly declared October 1 as the International Day of the Elderly. Since then, the day has been observed in a variety of contexts.

It is celebrated to raise public awareness about the opportunities and challenges that ageing populations face, as well as to mobilise families, community groups, and stakeholders to address the difficulties that older people face.

The theme for 2022 is “Older People’s Resilience in a Changing World.”

**36. 68th National Wildlife Week
observed on 02 to 08 October 2022**



The 68th National Wildlife Week will be celebrated across India from October 2nd to 8th, 2022. The primary goal of this campaign is to promote animal conservation and protection. It educates people about animal life and encourages them to save many animals by not killing them for food or other purposes.

37. World Day For Farmed Animals: 2nd October

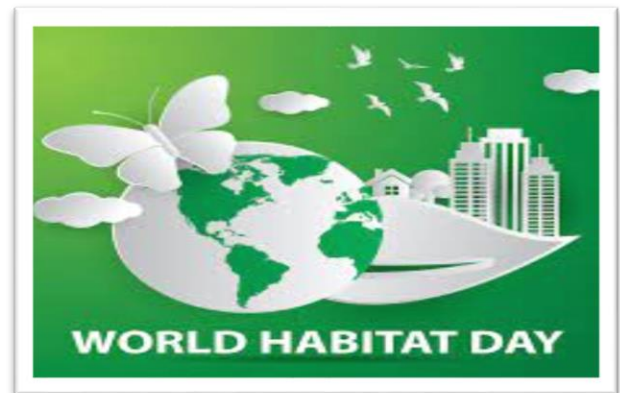


World Farm Animals Day, observed on October 2 each year, is significant because it sheds light and raises awareness about animal abuse and maltreatment. This day also aims to introduce regulations to fight

for the equality of all animals, regardless of their life cycles, so that high-quality meat and related products can be derived from healthy and well-treated animals.

World Farm Animals Day, also known as the 'World Day for Farmed Animals,' is observed on the birthday of Mahatma Gandhi, the legendary spiritual leader and human rights activist. He stated that all living things, including animals of all kinds, should be treated equally and with respect and dignity.

38. World Habitat Day 2022 observed on 3rd October

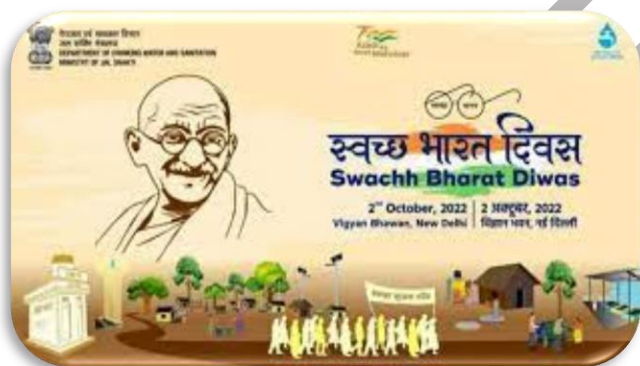


Every year on the first Monday of October, World Habitat Day is observed. The event focuses on the state of human settlements and everyone's fundamental right to adequate shelter. It also aims to remind

people that they are responsible for future generations' habitats.

The United Nations General Assembly established World Habitat Day in 1985. World Habitat Day will be observed on October 3 this year. The theme for this year is "Mind the Gap. Leave No One Behind and Place".

39. Department of Drinking Water and Sanitation Celebrates Swachh Bharat Diwas



Swachh Bharat Diwas (SBD) was observed on October 2, 2022, by the Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti. The Swachh Bharat Diwas is held to commemorate Mahatma Gandhi's birth anniversary. The Swachh Bharat Diwas is inspired by one of the

nation's father's quotes, "Cleanliness is next to godliness."

40. World Space Week 2022 observed on 4-10 October



Every year, from October 4 to 10, World Space Week commemorates science and technology's contributions to the advancement of humanity. The week commemorates the launch of the first man-made Earth satellite, Sputnik-1, on October 4, 1957, as well as the signing of a treaty for the peaceful use of space (October 10, 1967).

"Space and Sustainability" is the theme of World Space Week 2022.

41. Breast Cancer Awareness Month 2022: 01st to 31st October

Every year, from October 1 to 31, Breast Cancer Awareness Month (BCAM) is observed. The goal of the annual international health campaign is to raise awareness of the disease and funds for research into its cause, prevention, diagnosis, treatment, and cure. The pink ribbon is a globally recognised symbol of breast cancer awareness.

An annual campaign to raise awareness and funds for research into the causes, treatment, and cure of this complex disease. Individuals, businesses, and communities have gathered every October since 1985 to show their support for the many people affected by breast cancer. Breast Cancer Awareness Month is an opportunity to reflect, give back, and even celebrate.

42. Indian Air Force celebrates its raising day on 8th October



The Indian Air Force was founded on October 8, 1932, and will celebrate its 90th anniversary on October 8, 2022. The day and its commemoration are a source of pride for Indians and inspire patriotic zeal among the citizenry for the Indian Armed Forces' air arm. The IAF's Commander-in-Chief is India's President. This year's Air Force Day fly-past is scheduled for this afternoon over Sukhna Lake in Chandigarh.

43. World Migratory Bird Day 2022 celebrates on 8th October



World Migratory Bird Day has been observed twice a year since its inception

in 2006. It is traditionally observed on the second Saturday of May and the second Saturday of October. This year, it was previously celebrated on 14 May, and the world commemorates it for the second time today, 8 October.

At least 4,000 bird species migrate long distances, accounting for roughly 40% of the world's bird population. The goal of World Migratory Bird Day is to raise public awareness about the problems that migrating birds face, their ecological importance, and the need for global cooperation to protect them. They migrate to find food.

These birds spend the winter in warmer regions twice a year before returning home to reproduce.

"Light Pollution" is the theme of World Migratory Bird Day 2022.

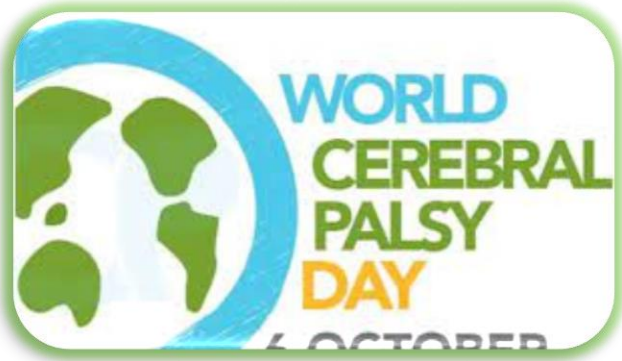
44. World Cotton Day 2022 is celebrated on Oct 7, 2022

Cotton Day is celebrated every year on October 7. The international event will be held for the third time in 2022.

The Cotton Four, four Sub-Saharan African cotton producers Benin, Burkina Faso, Chad, and Mali, proposed the first World Cotton Day to the World Trade Organization on October 7, 2019. (WTO). On October 7, 2019, the WTO welcomed the Cotton-4 countries' initiative to organise World Cotton Day. The WTO Secretariat organised the event in collaboration with the secretariats of the United Nations Conference on Trade and Development, the International Cotton Advisory Committee, and the United Nations Food and Agriculture Organization (FAO) (UNCTAD).

The theme for World Cotton Day in 2022, according to posters provided by the Food and Agriculture Organization of the United Nations, is "Weaving a Better Future for Cotton" (FAO).

**45. World Cerebral Palsy Day 2022:
Theme, History & Significance**



World Cerebral Palsy Day 2022 is observed to express pride in the lives and accomplishments of people with Cerebral Palsy. Every year on October 6, Cerebral Palsy Day is observed to raise awareness and shed light on the fact that cerebral palsy affects approximately 17 million people worldwide. The Cerebral Palsy Alliance observes World Cerebral Palsy Day on October 6.

46. World Mental Health Day 2022

Observed on 10 October



Every year on October 10, World Mental Health Day is observed. On this day, various programmes are held to bring attention to mental health issues and their effects on those affected as well as the lives of those who care for them. In India, World Mental Health Day is observed on the final day of the Ministry of Health and Family Welfare's Mental Health Awareness Campaign Week, which was launched last year.

The theme, or rather the slogan, for World Mental Health Day 2022 is "Make mental health and well-being for all a global priority."

47. World Post Day 2022 celebrates on 9th October

Every year on 9 October, World Post Day commemorates the anniversary of the establishment of the Universal Postal Union in 1874 in Bern, Switzerland. This day recognises the importance of the post in people's and businesses' daily lives. The UPU Congress in Tokyo, Japan, declared it World Post Day in 1969. Since then, countries all over the world have joined in the celebrations.

'Post for Planet' is the theme of World Post Day 2022.

48. Indian Foreign Service (IFS) Day celebrates on October 9

October 9 is celebrated as Indian Foreign Service Day. On 9 October 1946, the Indian government established the Indian Foreign Service for India's diplomatic, consular and commercial representation overseas.

1. Bakery foods company Britannia Industries appoints Rajneet Kohli as CEO

Britannia Industries Ltd., a packaged foods company, announced the appointment of Rajneet Singh Kohli as Chief Executive Officer, effective September 26th. Meanwhile, Varun Berry, the company's current managing director, has been named Executive Vice-Chairman and Managing Director of the cookie maker, effective immediately. Berry will receive reports from Kohli. Kohli joins Britannia from Jubilant FoodWorks, a food service company (JFL). Kohli has worked for Asian Paints and Coca-Cola over the course of his two-decade career.

2. Vinayak Godse to be the new CEO of Data Security Council of India

Vinayak Godse has been named the new CEO of the Data Security Council of India (DSCI), effective October 1, 2022. Vinayak moves up from his previous position as Senior Vice President, succeeding incumbent Rama Vedashree, who led DSCI

as CEO from June 2016 to September 2022.

Vinayak has worked for DSCI since its inception in 2008. He also leads the National Centre of Excellence (NCoE) for Cybersecurity Technology and Entrepreneurship, a joint DSCI and Ministry of Electronics and Information Technology initiative. He has over 27 years of experience in the fields of information security, IT transformation, intelligent networking, and telecommunications infrastructure.

3. The ICMR has selected Dr. Rajiv Bahl as its Director General.



The Central Government named Dr. Rajiv Bahl, who is currently working for the WHO, as Director General of the Indian Council of Medical Research (ICMR) and interim Secretary of the Department of

Health Research (DHR) for a three-year term.

One of the first organisations for medical research in the world, ICMR, New Delhi, is the supreme body in India for the formulation, coordination, and promotion of biomedical research. The leading organisation for medical research encourages and funds both internal and external research projects in the areas of infectious and non-infectious disorders as well as basic medical sciences. There are 27 ICMR institutes spread across India.

4. Sanjai Kumar is now the new Chairman and MD of Railtel.

As Chairman and Managing Director of RailTel Corporation of India Limited, a PSU that provided broadband, VPN, and other communication services for Indian Railways, Sanjai Kumar has assumed leadership.

At RailTel, Kumar formerly held the position of Director (Network Planning & Marketing/NPM) with the added responsibility of Director (Project, Operations & Maintenance/POM).

Recently, the Ministry of Railways granted permission to all Railway PSUs to engage in any business that it regarded relevant or suitable in order to increase income and profits. Utilizing this, RailTel has created a thorough approach to investigate new market prospects, industries, and clients.

5. Dilip Tirkey, a former Indian captain, was chosen president of Hockey India.



Dilip Tirkey, a former captain of India, was chosen as the next president of Hockey India without opposition (HI). After submitting his nomination as the president of the hockey association in Odisha, the three-time Olympian, who is considered as one of India's best defenders, was the front-runner to become the new president.

Elections were set to take place the next month, but Tirkey was elected instead after Hockey Jharkhand President Bhola Nath Singh withdrew his name from consideration. Singh was chosen as the new HI executive's secretary general without facing any opposition. Singh is a well-known supporter of Narinder Batra, the former head of the HI, the FIH, and the Indian Olympic Association.

Sekar J Manoharan, the president of the Tamil Nadu federation, was also chosen without opposition as the new treasurer.

6. Dr. M Srinivas has been appointed as the new director of AIIMS Delhi.



Nearly six months after Dr. Randeep Guleria's official term as director came to an end, Dr. M. Srinivas, the dean of the Employees' State Insurance Company

(ESIC) Hospital and Medical College in Hyderabad, was named the director of the All India Institute of Medical Sciences (AIIMS) in New Delhi.

By way of an order released by the department of personnel and training, Dr. Srinivas' successor was declared. The appointment is for a term of five years beginning on the date the position is assumed, or until the employee reaches the age of 65, or until future instructions, whichever comes first, in accordance with the order.

7. Rajendra Kumar, a senior IAS officer, is named director general of ESIC.



On October 4, 2022, in New Delhi, Dr. Rajendra Kumar, a senior IAS officer from the Tamil Nadu Cadre (Batch: 1992), assumed leadership of the Employees' State Insurance Corporation (ESIC) under

the Ministry of Labour & Employment, Government of India. Dr. Rajendra Kumar, IAS served as an Additional Secretary in the Ministry of Electronics and IT (MeiTY) of the Indian Government before to taking over as Director General, ESIC.

When he first assumed leadership, he presided over a meeting of the senior executives and advised ESIC to treat its employees properly and offer the highest calibre services in order to have a beneficial impact on society. By enhancing technology and providing enough presence throughout the nation, he emphasised the importance of strengthening the organization's service delivery mechanism.

8. Head of the NHRC elected to serve on the Asia Pacific Forum's Governance Committee



Justice (retired) Arun Kumar Mishra, chair of the NHRC, has been chosen to serve on the Asia Pacific Forum's Governance Committee (APF).

At the 27th Annual General Meeting of the APF, which was held online, he was also chosen to serve on the Bureau of the Global Alliance of National Human Rights Institutions (GANHRI).

The APF councillors, who represent "A status" National Human Rights Institutions in the Asia Pacific area, elect the Governance Committee. The five-member APF Governance Committee's responsibility is to study various topics pertaining to the advancement and defence of human rights and to offer

recommendations to the APF General Assembly on those subjects.

9. Vinod Aggarwal elected as new President of SIAM

Vinod Aggarwal, MD & CEO of Volvo Eicher Commercial Vehicles Ltd (VECV), has been chosen by the Society of Indian Automobile

Manufacturers (SIAM) to serve as its new president from 2022 to 2023.

Aggarwal succeeds Kenichi Ayukawa, Executive Vice Chairman & Whole Time Director, Maruti Suzuki India Ltd. Aggarwal served as Vice President of SIAM.

SIAM is the top national organisation in India that represents all significant car and engine manufacturers. With the goal of making India the preferred location worldwide for the design and production of automobiles, SIAM aims to encourage the sustainable development of the Indian automobile industry.

Additionally, it works to facilitate the improvement of the Indian automobile industry's competitiveness by lowering vehicle costs, boosting productivity, and meeting international quality standards.

10. Eastern Command's commander Anil Chauhan is the Chief of Defence Staff.



The government named Lt. Gen. Anil Chauhan (retd.), former General Officer Commanding in Chief, Eastern Army Commander, as Chief of Defence Staff (CDS). The post has been vacant since the death of the country's first CDS, Gen. Bipin Rawat, in a helicopter crash in December 2021.

"The Government has decided to appoint Lt. General Anil Chauhan (retired) as the next Chief of Defence Staff (CDS), who will

also function as the Secretary to the Government of India, Department of Military Affairs, with effect from the date of his assumption of charge and until further orders," the Defence Ministry said in a statement.

The government amended the Army, Navy, and Air Force Service Rules in June, making retired Service Chiefs and three-star rank officers eligible for consideration for the country's top military post. However, with a 62-year age limit on the date of appointment, retired Service Chiefs were largely ruled out, particularly for the current consideration.

General Rawat was pushing an ambitious plan to reorganise the armed forces into integrated theatre commands, among other measures to increase synergy and efficiency. This task now falls on the new CDS to build consensus and move the reorganisation process forward, which has been delayed due to a lack of complete consensus and objections from the Air Force on certain aspects.

11. According to the Law Ministry, Venkataramani has been appointed as the next Attorney General.

President Droupadi Murmu has appointed senior advocate R. Venkataramani as the new Attorney-General (A-G) for a three-year term, the Law Ministry announced. Mr. Venkataramani will take over for K.K. Venugopal, whose term expires on September 30. Mr. Venkataramani has specialised in a number of areas during his four decades of practise at the Supreme Court.

12. K.T. Thomas and Ratan Tata serve as trustees for PM CARES.



The Prime Minister's Office announced that the Union government nominated senior entrepreneur Ratan Tata, former Supreme Court judge K.T. Thomas, and former Lok Sabha Deputy Speaker Kariya Munda as trustees of the PM CARES Fund.

A statement from the Prime Minister's Office (PMO) states that the Trust also agreed to propose other notable individuals for the creation of the Advisory Board for the PM CARES Fund. They included Anand Shah, the co-founder of Teach for India, the former CEO of Indicorps, and Rajiv Mehrishi, the former Comptroller and Auditor General, as well as Sudha Murthy, the former Chairperson of the Infosys Foundation.

13. Justice Dinesh Sharma will preside over the UAPA tribunal dealing with the prohibition of PFI.

The Centre has appointed Justice Dinesh Kumar Sharma of the Delhi High Court as the presiding officer of the tribunal for the Unlawful Activities (Prevention) Act (UAPA) tribunal, which is dealing with the ban on the Popular Front of India (PFI) and its associates. When an organisation is banned under the provisions of the UAPA, the government establishes a tribunal to determine whether there are sufficient grounds for the decision.

The Department of Justice in the Law Ministry issued an office memorandum on October 3 stating that Justice Sharma's time as the head of the UAPA tribunal will count as "actual service." The tribunal that will investigate the ban will be led by Chief Justice S.C. Sharma of the Delhi High Court.

The Union Home Ministry requests that a sitting judge of a High Court be named as the presiding officer, and the Law Ministry, in turn, requests that the Chief Justice of the High Court concerned recommend a name. The Home Ministry will now issue a formal announcement

designating Justice Sharma as the presiding officer.

14. Six new judges have been appointed to the Bombay High Court.

The Union government has announced the appointment of six new Bombay High Court judges. According to the October 6 notification, Sanjay Deshmukh, Yanshivraj Khobragade, Mahendra Chandwani,

Abhay Waghwase, Ravindra Joshi, and Vrushali Joshi were appointed as additional judges for two years beginning on the date they took charge. The Supreme Court Collegium, led by the Chief Justice of India U.U. Lalit, approved a proposal for their elevation on September 7. The number of judges on the High Court will now be 67, down from the sanctioned 94.

BOOKS & AUTHOR

- 1. Navtej Sarna' s latest book Crimson Spring longlisted for the 2022 JCB Prize for Literature**

Crimson Spring, Navtej Sarna's latest book, has been longlisted for the JCB Prize for Literature. It begins with April 13, 1919, Jalianwalla Bagh massacre and moves back and forth in time to recreate that era and its aftermath.

Crimson Spring is a masterclass in writing that weaves history and fiction together to describe this pivotal period in Indian history and the changes taking place in the world around it. The First World War had just ended, Mahatma Gandhi had launched Satyagraha, and the Rowlatt's Act had been passed. The Black Act included provisions that allowed the government to search homes without warrants, arrest people without trials, halt public debates, and close down newspapers.

2. Manoj Bajpayee publishes the book “Muskurate Chand Lamhe aur Kuchh Khamoshiyan”

'Muskurate chand lamhe, aur kuchh khamoshiyan,' a bouquet of poems written by Shri Jiweesh Nandan, was released by renowned film actor Manoj Bajpayee at India International Centre's Multipurpose Hall in New Delhi. Shri Apurva Chandra, Secretary of Information and Broadcasting, also attended the event. Smt. Jiweesh Nandan is the wife of Shri Jiweesh Nandan. Leela Nandan was also in attendance.

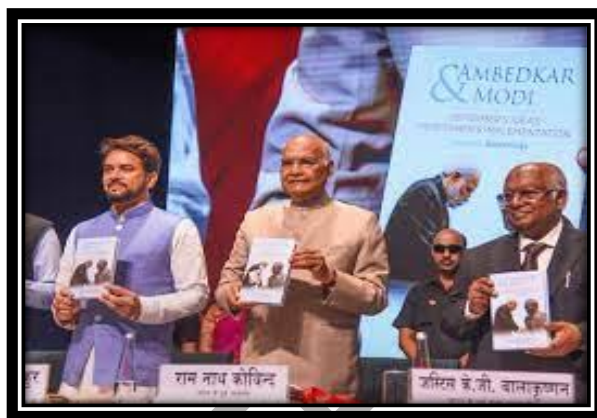


Shobit Arya, the book's publisher, is the founder and publisher of Wisdom Tree, an award-winning independent Indian publishing company with a global presence. He was responsible for many firsts in Indian publishing, including Wisdom Tree, becoming the first Indian publisher to sell books on Kindle. Wisdom Tree, an award-winning independent publishing house, has a poetry imprint called Verses.

3. A book titled “Ambedkar and Modi” released by former President Ram Nath Kovind

On September 16, 2022, former President Ram Nath Kovind released a book titled 'Ambedkar and Modi: Reformer's Ideas, Performer's Implementation' in Delhi, in the presence of

Union Minister I&B Anurag Thakur, MoS Dr. L. Murugan, and former Chief Justice K.G. Balakrishnan.



The former President stated at the book's launch that it is a collection of Dr. Bhimrao Ambedkar's and Prime Minister Narendra Modi's multidimensional ideologies and works for the nation.

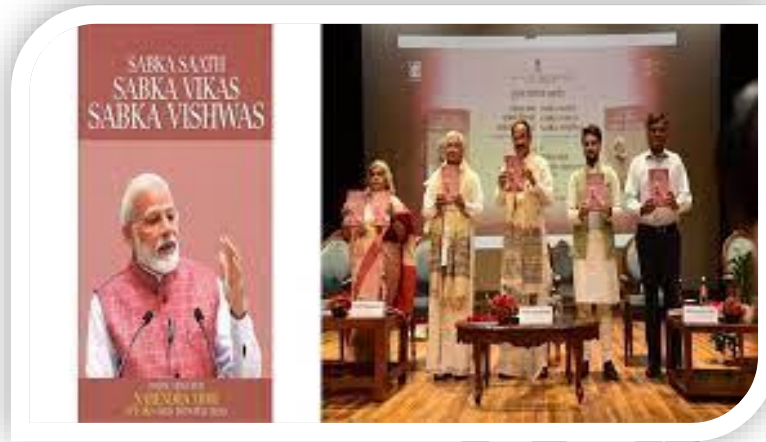
The book, compiled by Bluekraft Digital Foundation, explores Dr. BR Ambedkar's life and works while drawing parallels with Prime Minister Narendra Modi's initiatives and reforms to put the social reformer's ideals into action.

4. A new book “Rajini’ s Mantras” authored by P.C. Balasubramanian

P.C., the entrepreneur-cum-author, Balasubramanian (PC Bala) has written a new English book titled "Rajini's Mantras: Life Lessons from India's Most Loved Superstar." Jaico Publishing House released it (India). Rajini's Punctantra and Raja Krishnamoorthy, PC

Bala's first book, was national bestseller. Grand Brand Rajini and Ram N Ramakrishnan were published in December 2022.

5. M Venkaiah Naidu released a book on PM Modi' s selected speeches



Former Vice President M Venkaiah Naidu has released a collection of selected speeches by Prime Minister Narendra Modi.

The book, titled 'Sabka Saath Sabka Vikas Sabka Vishwas' Prime Minister Narendra Modi Speaks (May 2019-May 2020),' was released in the presence of Kerala Governor Arif Mohammad Khan at a function hosted by the Ministry of Information and Broadcasting in Kochi. The book focuses on the prime minister's 86 speeches on various topics. The book, which will be available in both Hindi and English, will be available through the Publications Division's sales outlets as well as its website.

6. Jagdeep Dhankhar released a book titled “Pandit Deendayal Upadhyay Jeevan Darshan Aur Samsamyikta”



Vice President Jagdeep Dhankhar released a book titled "Pandit Deendayal Upadhyay - Jeevan Darshan Aur Samsamyikta" in New Delhi. He also emphasised the relevance of Pandit Deendayal's ideas in modern times.

Shri Dhankhar, quoting Pandit Deendayal, stated that education is an investment in the sense that an educated man will serve society better, emphasising that this idea formed the foundation of the New Education Policy - 2020. He stated that if India is to reclaim its former glory, it must take a holistic approach to human development in all aspects, as suggested by Pandit Deendayal Upadhyay.

The event was attended by Defence Minister Rajnath Singh, former Union Minister Dr. Murli Manohar Joshi, and other dignitaries.

SPORTS

1. Neeraj Chopra Wins Historic Javelin

Gold at the Diamond League Finals

in

2022



With a winning throw of 88.44 metres in the men's javelin competition, Olympic champion Neeraj Chopra became the first Indian to win the Diamond League Finals. Jakub Vadlejch of the Czech Republic, an Olympic silver medalist, came in second place after trying four times. German Julian Weber finished third.

At the Weltklasse IAAF Diamond League international athletics competition held at the Letzigrund stadium in Zurich, Switzerland, Neeraj Chopra of India celebrates after winning the Javelin Throw Men event.

2. Bronze medalist in the World Wrestling Championships is Vinesh Phogat



In the women's 53 kg division at the 2022 World Wrestling Championships, India's Vinesh Phogat took home the bronze medal.

In the bronze-medal match, Vinesh, a three-time gold medalist at the CWG, defeated Sweden's Emma Malmgren, the current European champion, 8-0.

In the first round of the repechage, the Indian wrestler had earlier defeated Kazakhstan's Zhuldyz Eshimova, who had won the silver medal at the Asian Games. In the second repechage round, Leyla Gurbanova of Azerbaijan withdrew due to an injury, advancing the Indian to the medal match.

Vinesh finished on the podium in the 2019 global championships in Nur-Sultan,

Kazakhstan, earning her second bronze medal there. Her victory marked India's inaugural medal at the 2022 competition.

3. Indian cricket's Robin Uthappa announced his retirement from all disciplines of the game.



Robin Uthappa declared his retirement from all forms of Indian cricket. "It has been an absolute privilege for me to represent my nation and my state of Karnataka. But since everything good must come to an end, I've made the decision to leave all facets of Indian cricket. Thank you to everyone, he wrote on Twitter.

Uthappa was a member of the nation's Under-19 World Cup squad in 2004. He played in 46 ODIs and 13 T20Is for India after making his debut two years later.

In ODIs and T20Is, he scored 934 and 249 runs. He has completed 6534 List A runs and 9446 first-class runs. Uthappa has won two IPL championships, one in 2014 for KKR and the other in 2021 for CSK.

4. Roger Federer announces his retirement from competitive tennis; the 2022 Laver Cup will serve as his final match.



Roger Federer, a tennis prodigy from Switzerland, has announced that he would retire from the sport after the Laver Cup in 2022. The renowned tennis player wrote a lengthy message to discuss his impending retirement. The former World No. 1 Federer added that even though the upcoming Laver Cup will be his final ATP competition, he will still play tennis. Federer has had trouble making the cut in big events over the past three years, though he is already embracing the end of

his illustrious tennis career. Federer has played more than 1500 matches over the course of his 24-year, trophy-filled career.

5. 2022 World Wrestling

Championships: Bronze medalist

Bajrang Punia

Bajrang Punia, an Indian wrestler, earned the bronze medal in the 65 kg division on September 18 in Belgrade during the World Wrestling Championships.

Sebastian Rivera of Puerto Rico was defeated by the 28-year-old wrestler 11-9 to win his fourth medal at the world championships. Although Bajrang earned bronze in 2013, 2019, and 2022, his best effort came in 2018, when he won the silver medal.

For the Haryana-born Bajrang, who trailed 0-6 before mounting an incredible comeback, defeating Rivera wasn't a piece of cake.

6. Pranav Anand, 15, becomes India's 76th Grandmaster in chess.



Teenager Pranav Anand from Bengaluru passed the 2,500 Elo threshold during the present World Youth Chess Championship in Mamaia, Romania, to become the 76th Grandmaster of India. The 15-year-old was given the title after having already fulfilled the other criteria needed for it.

A player must achieve three GM norms and a live rating of 2,500 Elo points in order to become a GM. At the 55th Biel Chess Festival in July, Anand achieved his third and last GM norm.

By drawing his game against Spain's top-ranked GM Eduardo Iturrizaga Bonelli (2619) in the penultimate round, Anand had earned his third and final GM norm in Biel. Additionally, he had won the match against GMs Maxime Lagarde of France (2631), Sethuraman S. P. (2623), Aryan

Chopra (2610), and GM Shant Sargsyan of Armenia (2661).

His first two GM norms occurred in the tournaments of the Sitges Open in January 2022 and the Vezerkepso GM Round Robin in March 2022.

7. Magnus Carlsen defeats Arjun Erigaisi, an Indian grandmaster, in the 2022 Julius Baer Cup.



In the opening game of the Julius Baer Cyeration Cup rapid online chess tournament against young Indian Grandmaster Arjun Erigaisi, world number one Magnus Carlsen demonstrated his prowess by winning the first two games.

The Norwegian ace holds the lead after the opening set of matches in the two-match finale, winning 2.5-0.5. In order to advance the final to the blitz tie-break, the

Indian must now win the second four-game match.

8. Goa will host the 37th National Games in October 2023.

The 37th iteration of the National Games will take place in Goa in October of next year, the Indian Olympic Association has announced. Additionally, the Goa state government gave IOA its preliminary clearance to hold the National Games in 2023.

In a letter to Goa's Secretary of Sports and Youth Affairs Ajit Roy, IOA Secretary General Rajeev Mehta stated that the IOA is pleased to announce Goa as the host for the 2023 National Games and that the delegation from Goa will receive the IOA flag following the 36th National Games' closing ceremony.

The IOA stated that the event's dates would be chosen later, after keeping an eye on the timing of the 19th Asian Games.

Goa was awarded the privilege to host the National Games in 2008, but for a variety of reasons, it hasn't been able to do it. The 36th National Games were scheduled to take place in Goa, but the IOA had to change the location when Gujrat agreed to host the event quickly.

9. In Kuala Lumpur, Pankaj Advani won a record-tying 25th world championship.

Pankaj Advani, the top cueist in India, won the 2022 IBSF World Billiards Championship in Kuala Lumpur yesterday, earning him his 25th gold medal overall. In a lopsided final, he defeated fellow countryman Sourav Kothari 4-0 to win the title five times in a row.

Advani's most recent world championship came in Qatar over a year ago when he won the IBSF 6-Red Snooker World Cup. Advani has increased his record-breaking success as India's holder of the most gold medals at global championships across all sports with his 25 world crowns.

10. Antim Panghal, the U20 World Champion in wrestling, wins gold at the 2022 National Games.



The World under-20 champion Antim Panghal, who won the gold medal in women's 53 kg wrestling, created a strong first impression at the National Games 2022.

In the final, Antim Panghal of Haryana defeated Priyanshi Prajapati of Madhya Pradesh by fall. Antim Panghal created history in August when she became the first Indian to win the U20 world championship in women's wrestling.

Hina Khalifa of Gujarat and Swati Sanjay of Maharashtra took home the bronze in the women's 53kg division.

Meanwhile, at the Sama Indoor Sports Complex in Vadodara, Olympian gymnast Pranati Nayak won two gold medals.

11. Rohit Sharma, an Indian cricketer, became the first to play 400 T20 matches.

In his T20 career, Rohit Sharma has now reached a new milestone and is the first Indian to play 400 T20 matches. The milestone was reached by the India captain during the second T20I of the series in Guwahati against South Africa. Rohit made his shortest format cricket debut for Mumbai against Baroda in April 2007. He went on to become the first Indian to score a century in T20 cricket.

A few months later, he joined the national squad and played for the team led by MS Dhoni that won the 2007 T20 World Cup.

Rohit preserved his spot in T20Is despite being in and out of the ODI team, and is the only Indian to appear in all 7 T20 World Cups.

Rohit has played T20 cricket for the Mumbai Indians, Deccan Charters, India A,

and Indians in addition to India. Rohit has scored the most runs in the T20I format, with 10544*.

Kieron Pollard, who has participated in 614 games, is at the top of the list of players with the most T20 caps. Dwayne Bravo, who has 556 caps, is next in line. In front of Rohit are Shoaib Malik (481), Chris Gayle (463), Sunil Narine (435), Ravi Bopara (429), Andre Russell (428), and David Miller (403).

The talented Indian cricketer still has many years left to play and potentially surpass the 500-match threshold. Dinesh Karthik, an Indian with 368 T20 games under his belt, is Rohit's closest competitor. With 361 caps, MS Dhoni holds down the third position. It is Virat Kohli's 354th T20 match.

Rohit will try to make his 400th T20 a memorable one as he hasn't recently played any huge knocks. India now leads the series 1-0 and can wrap it up with victory in the second T20I. The Men in Blue have been asked to bat first.

12. In the finals of the SAFF U-17 Championship, India defeated Nepal 4-0.

In football, India won the SAFF under-17 Championship by defeating Nepal 4-0 in the championship match in Colombo on September 14 at night.

Aman, Bobby Singh, Korou Singh, skipper Vanlalpeka Guite, and Korou Singh all scored once to help India to a convincing victory. India keeps the championship with this victory.

India was defeated 3-1 by Nepal in the group stage. However, India delivered a professional performance in the championship game to win it for a record-breaking fourth time.

The most valuable player of the competition was India's captain Vanlalpeka Guite, while Sahil was awarded the best goalie.



**CURRENT AFFAIRS QUIZ -1
(NATIONAL AND INTERNATIONAL)**

1. Who has won the SASTRA Ramanujan Prize in Mathematics 2022?

- (a) Yunqing Tang
(c) Maryna Viazovska
- (b) Martin Hairer.
(d) John Stillwell.
2. Swachh Survekshan Gramin, 2022 award goes to which state?
(a) Tamilnadu
(c) Andhra Pradesh
- (b) Kerala
(d) Telangana
3. Recently, Dada Sahab Phalke Award has been conferred to which female actress?
(a) Rekha Ji
(c) Jaya Bacchan
- (b) Sharmila Tagore
(d) Asha Parekh.
4. Which textile from Hyderabad has been named as iconic heritage textile craft by UNESCO?
(a) Narayanpet
(c) Gadwal
- (b) Pochampally Ikat
(d) Himroo
5. Recently, the Archaeological Survey of India (ASI) discovered Buddhist caves and stupas, in which tiger reserve?
(a) Nagarjunsagar Srisailam
(c) Similipal National Park
- (b) Manas National Park
(d) Bandhavgarh Tiger Reserve
6. The Union Government has introduced a mobile application to monitor groundwater levels across the country. The name of this application is:
(a) Bhoojal
(c) Jalashay
- (b) Jaldoot
(d) Jal
7. International Daughters day is observed on which date in the year 2022?
(a) 24 September
(b) 25 September

(c)26 September

(d)27 September

8. India's first avalanche monitoring radar has been installed in which state?
(a)Assam (b)Sikkim
(c)Arunachal Pradesh (d)Manipur
9. Binjhia tribe belongs to which state?
(a)Jharkhand (b)Madhya Pradesh
(c)Odisha (d)Chhattisgarh
10. G-20 summit will be held in which country in th 2023?
(a)Bangladesh (b)USA
(c)Britain (d)India
11. Recently, Kumar Sanu, _____, and Anand-Milind get Lata Mangeshkar Award.
(a)Sonu Nigam (b)Shaan
(c)Shailendra Singh (d)Amit Trivedi
12. Ayushman Utkrishta Award 2022 has been awarded to which state?
(a)Maharashtra (b)Madhya Pradesh
(c)Uttar Pradesh (d)Chhattisgarh
13. China's First Fully Solar-powered Unmanned Aerial Vehicle is named as:
(a)Qimingxing-50 (UAV) (b)Shenzhou 1
(c)Shenzhou 2, (d)Tiangong 2
14. Central bank of which country develops National digital currency using Ethereum?

- (a)Russia (b)China
(c)Norway (d)Finland
15. Rise Up Movement has been formed by:
(a)Greta Thunberg (b)Vanessa Nakate
(c)Licypriya Kangujam (d)Xiuhtezcatl Martinez
16. Who has been recently elected as the new president of Angola?
(a)Lúcio Lara (b)José Eduardo dos Santos
(c)João Manuel Gonçalves Lourenço (d)Agostinho Neto
17. China is set to launch a moon rover in collaboration with which country?
(a)Russia (b)India
(c)UAE (d)China
18. Chinese Scientists create the world's first cloned wild Arctic wolf, named:
(a)Kayak (b)Dolly
(c)Maya (d)kaya
19. Who has been elected as the new prime minister of Italy?
(a)Mario Draghi (b)Giorgia Meloni
(c)Giuseppe Conte (d)Paolo Gentiloni
20. World Bank and _____ to launch fund against loan default to lenders financing the purchase of electric 2 & 3 Wheelers.
(a)RBI (b)SIDBI
(c)Ministry of Finance (d)Ministry of Trade
21. Who won the first Queen Elizabeth II award?

(a) Suella Braverman

(b) Karuna Nundy

(c) Gita Gopinath

(d) Kamala Harris

22. Breakthrough Prize 2023 in Mathematics has been awarded to:

(a) James Maynard

(d) Maryna Viazovska

(c) Daniel Spielman

(d) Yunqing Tang

23. Meena Kandasamy is a:

(a) Author

(b) Doctor

(c) Scientist

(d) Economist

24. Who has been awarded the "Changemaker" award in 2022?

(a) Srishti Bakshi

(b) Gita Gopinath

(c) Manushi Chhillar

(d) P.V. Sindhu

25. What is "Optimus" ?

(a) A robot

(b) An asteroid

(c) A star

(d) A comet

CURRENT AFFAIRS QUIZ -2 **(IMPORTANT DAYS, SPORTS, APPOINTMENTS)**

1. National Voluntary Blood Donation Day (NVBDD) is celebrated on which date?

(a) 1 October

(b) 2 October

(b) 5 October

(d) 6 October

2. National Forest Martyrs Day 2022 observed on :

(a) 10 September

(b) 11 September

(c) 15 September

(d) 12 September

3. 15 September is celebrated as:
- (a) World Lymphoma Awareness Day (b) World AIDS awareness day
(c) World Health Awareness day (d) World blood donation day
4. Who has been appointed as the new CEO of the Data Security Council of India?
- (a) Vinayak Godse (b) Ajit Kumar Seth
(c) Pradeep Kumar Sinha (d) Rajiv Gauba
5. Who becomes India's 76th Grandmaster in chess?
- (a) Pranav Anand (b) Nihal Sarin
(c) S. P. Sethuraman (d) Gukesh D
6. Which state/UT will host National Games in October 2023?
- (a) New Delhi (b) Haryana
(c) Goa (d) Kerela
7. K.T. Thomas and _____ serve as trustees for PM CARES.
- (a) Ratan Tata (b) Mukesh Ambani
(c) Akshay Kumar (d) Amitabh Bachchan
8. Who is appointed as the chief of defense staff?
- (a) Anil Chauhan (b) R. Hari Kumar
(c) Manoj Mukund Naravane (d) Vivek Ram Chaudhari
9. _____ elected as the new President of SIAM.
- (a) Shiv Nadar (b) Dilip Sanghvi
(c) Narayan Murthy (d) Vinod Aggarwal

10. Who has been elected to serve on the Asia Pacific Forum's Governance Committee?
(a) Arun Kumar Mishra (b) N.V. Ramanna
(c) Ranjan Gogoi (d) Dipak Misra
11. Who has been named director general of ESIC?
(a) ADITYA NEGI (b) Aditya Kumar Anand
(c) Rajendra Kumar (d) ADWAIT KUMAR SINGH
12. IFS day is celebrated on which day?
(a) October 5 (b) October 6
(c) October 7 (d) October 9
13. What was the theme for world post day 2022?
(a) Post for all (b) Post for planet
(c) Post for humanity (d) Post for world
14. World Mental health day is observed on which date?
(a) 5 October (b) 10 October
(c) 6 October (d) 9 October
15. Diamond League international athletics competition held in which country?
(a) Germany (b) Switzerland
(c) Paris (d) Rome
16. In the 2022 World Wrestling Championships, which female wrestler has won the bronze medal for India?
(a) Babita kumari (b) Vinesh Phogat
(c) Reshma Mane (d) Sakshi Malik

17. Roger Federer, a tennis player, belongs to which country?
(a) Germany (b) Switzerland
(c) Spain (d) Portugal
18. International Day of Older Persons celebrates on:
(a) 1 October (b) 2 October
(c) 4 October (d) 9 October
19. Hindi Diwas is celebrated on which date?
(a) 12 September (b) 23 September
(c) 15 September (d) 14 September
20. Dr. Rajiv Bahl has been selected as the director of which organisation?
(a) AIIMS (b) ICMR
(c) DRDO (d) ISRO
21. Who has been chosen president of Hockey India?
(a) PR Sreejesh (b) Rupinder Pal Singh
(c) Gurjant Singh (d) Dilip Tirkey
22. World heart day is observed on which date?
(a) September 29 (b) September 30
(c) September 28 (d) September 27

23. World maritime day is celebrated on which day?
(a) Last Thursday of September (b) Last Monday of September
(c) Last Tuesday of September (d) Last Saturday of September
24. International Day for Universal Access to Information 2022 has been designated by which organisation?
(a) UNESCO (b) UN
(c) World Economic Forum (d) IMF
25. World tourism day is celebrated on:
(a) 27 September (b) 28 September
(c) 29 September (d) 30 September



ANSWERS



CURRENT AFFAIRS QUIZ -1 (NATIONAL AND INTERNATIONAL)

1. (a)
Yunqing Tang, an Assistant Professor at the University of California, Berkeley, will receive the SASTRA Ramanujan Prize in 2022. Ms. Yunqing, who was born in China, received her B.Sc. from Peking University in 2011, after which she attended Harvard University.
2. (d)

According to the Swachh Survekshan Gramin (SSG), 2022, which examined the sanitation situation in rural regions, Telangana was ranked 1 for the cleanliness of its villages. In the Large States category, Telangana came in first, followed by Haryana and Tamil Nadu.

3. (d)

President Droupadi Murmu presented the National Film Awards for the year 2020 in a variety of categories at the 68th edition of the ceremony. The Dadasaheb Phalke Award was given to veteran actor Asha Parekh, an accomplished Indian classical dancer, director, and producer.

4. (d)

UNESCO published a list of 50 exclusive and iconic heritage textile crafts from the country. Some of the textiles that made the cut included Toda embroidery and Sungadi from Tamil Nadu, Himroo from Hyderabad, and Bandha tie and dye from Sambalpur in Odisha.

5. (d)

The Archaeological Survey of India (ASI) discovered Buddhist caves and stupas, as well as Brahmi inscriptions, dating back to the 2nd century, and Hindu temples dating from the 9th-11th centuries, as well as possibly the world's largest Varaha sculpture dating from the same period, at the Bandhavgarh Tiger Reserve in Madhya Pradesh earlier this year.

6. (b)

The Union government has introduced a mobile application, Jaldoot, jointly developed by the Rural Development and Panchayati Raj Ministries to monitor the groundwater levels across the country in light of the fast dropping water table's potential to plunge several regions into drought.

7. (b)
Every year on the fourth Sunday of September, International Daughters Day is observed to honour the girl child. It is observed on September 25 this year.
8. (b)
The Army and Defence Geoinformatics and Research Establishment have installed the first avalanche monitoring radar of its sort in India in North Sikkim. Within three seconds of being activated, it can detect avalanches, helping to save soldiers' lives and minimize property damage.
9. (d)
Tribal Affairs Minister Arjun Munda informed about the inclusion of four tribes into the list of Scheduled Tribes (ST). The communities that were added to the list included the Hatti tribe in the Trans-Giri region of Sirmour district in Himachal Pradesh, the Narikoravan and Kurivikkaran hill tribes in Tamil Nadu, and the Binjhia tribe in Chhattisgarh.
10. (d)
The G-20 Leaders' Summit will be held in New Delhi on September 9 and 10 of 2023, with Bangladesh, Egypt, Mauritius, the Netherlands, Nigeria, Oman, Singapore, Spain, and the UAE participating as "guest countries." Over 200 G-20-related meetings will be held in India while it serves as the G-20's chairman from December 1, 2022, to November 30, 2023.
11. (c)
Noted playback singers Kumar Sanu and Shailendra Singh and music-composer duo Anand-Milind were conferred with the National Lata Mangeshkar Award.
12. (c)

The state government said in a statement that Uttar Pradesh received the 'Ayushman Utkrishta Award 2022' at the Aarogya Manthan programme in Delhi.

13. (a)

China has successfully tested its first unmanned aerial vehicle (UAV) Qimingxing-50 that is entirely fueled by solar energy.

14. (c)

By making the open source code for the nation's central bank digital currency (CBD(C) sandbox based on Ethereum technology available to the public, Norges Bank, Norway's central bank, taken a huge step forward in its quest to create a digital currency.

15. (b)

Ugandan climate campaigner Vanessa Nakate, 25, was named a goodwill ambassador by the U.N. agency for children, UNICEF. She has formed the Rise Up Movement and spoken at international climate meetings.

16. (c)

Joao Manuel Goncalves Lourenco was re-elected as the president of Angola, and Prime Minister Narendra Modi sent the president his best wishes.

17. (c)

China and the United Arab Emirates have agreed to collaborate on an unmanned moon landing mission after their space agencies signed a deal in Dubai.

18. (c)
The first cloned arctic wolf in history has been successfully produced by scientists in China. The wolf, Maya, was born on June 10.
19. (b)
Giorgia Meloni led a conservative alliance to victory in the election, positioning herself to become Italy's first female prime minister at the helm of its most right-wing administration since World War II.
20. (b)
A billion-dollar fund would be established by the government, the World Bank, and the Small Industries Development Bank of India (SIDBI) to protect lenders funding the purchase of electric two- and three-wheelers from loan default.
21. (a)
At a ceremony in London, Suella Braverman, Britain's Home Secretary of Indian descent, was selected the recipient of the inaugural Queen Elizabeth II Woman of the Year award.
22. (c)
Daniel A. Spielman has been honoured with the 2023 Breakthrough Prize in Mathematics for multiple discoveries in theoretical computer science and mathematics.
23. (a)

The PEN Center in Darmstadt, Germany, has announced that Meena Kandasamy, a novelist and poet from India, would receive the Hermann Kesten Prize this year.

24. (a)

At the UN SDG Action Awards, Srishti Bakshi, a former marketer who is now a women's rights activist, received the "Changemaker" award for "confronting gender-based violence and pushing for safe access to public spaces."

25. (a)

At Tesla's "AI Day" event, CEO Elon Musk displayed his highly regarded humanoid robot, "Optimus."

CURRENT AFFAIRS QUIZ -2 (IMPORTANT DAYS, SPORTS, APPOINTMENTS)

1. (a)

National Voluntary Blood Donation Day (NVBD(D) is celebrated on 1 October.

2. (b)

National Forest Martyrs Day 2022 is observed on September 11 every year. To honour those who gave their lives to preserve India's forests, jungles, and wildlife, National Forest Martyrs Day is observed.

3. (a)

World Lymphoma Awareness Day is an annual event organised every year on 15th September to create awareness about the cancer of the lymphatic system and educate people about the functionality of lymphatic systems, which consists of lymph nodes, spleen, thymus gland, and bone marrow.

4. (a)
Vinayak Godse has been named the new CEO of the Data Security Council of India (DSCI), effective October 1, 2022.
5. (a)
Teenager Pranav Anand from Bengaluru passed the 2,500 Elo threshold during the present World Youth Chess Championship in Mamaia, Romania, to become the 76th Grandmaster of India.
6. (c)
The 37th iteration of the National Games will take place in Goa in October of next year, the Indian Olympic Association has announced. Additionally, the Goa state government gave IOA its preliminary clearance to hold the National Games in 2023.
7. (a)
The Prime Minister's Office announced that the Union government nominated senior entrepreneur Ratan Tata, former Supreme Court judge K.T. Thomas, and former Lok Sabha Deputy Speaker Kariya Munda as trustees of the PM CARES Fund.
8. (a)
Anil Chauhan is appointed as the chief of defense staff.

9. (d)
Vinod Aggarwal, MD & CEO of Volvo Eicher Commercial Vehicles Ltd (VECV), has been chosen by the Society of Indian Automobile
10. (a)
Ustice (retire(d) Arun Kumar Mishra, chair of the NHRC, has been chosen to serve on the Asia Pacific Forum's Governance Committee (APF).
11. (c)
On October 4, 2022, in New Delhi, Dr. Rajendra Kumar, a senior IAS officer from the Tamil Nadu Cadre (Batch: 1992), assumed leadership of the Employees' State Insurance Corporation (ESI(C) under the Ministry of Labour & Employment, Government of India.
12. (d)
October 9 is celebrated as Indian Foreign Service Day. On 9 October 1946, the Indian government established the Indian Foreign Service for India's diplomatic, consular and commercial representation overseas.
13. (b)
'Post for Planet' is the theme of World Post Day 2022.
14. (b)
Every year on October 10, World Mental Health Day is observed.
15. (b)

IAAF Diamond League international athletics competition held at the Letzigrund stadium in Zurich, Switzerland.

16. (b)

In the women's 53 kg division at the 2022 World Wrestling Championships, India's Vinesh Phogat took home the bronze medal.

17. (b)

Roger Federer, a tennis prodigy from Switzerland, has announced that he would retire from the sport after the Laver Cup in 2022.

18. (a)

On December 14, 1990, the United Nations General Assembly declared October 1 as the International Day of the Elderly.

19. (d)

Every year, Hindi Diwas is celebrated on September 14, 2022.

20. (b)

The Central Government named Dr. Rajiv Bahl, who is currently working for the WHO, as Director General of the Indian Council of Medical Research (ICMR) and interim Secretary of the Department of Health Research (DHR) for a three-year term.

21. (d)

Dilip Tirkey, a former captain of India, was chosen as the next president of Hockey India without opposition (HI).

22. (a)

Every year on September 29th, people all over the world observe World Heart Day.

23. (a)

Every year on the last Thursday of September, the world maritime day is observed, and in 2022, the date was September 30.

24. (a)

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) has designated September 28 as International Day for Universal Access to Information.

25. (a) Anil Chauhan

The United Nations World Tourism Organization (UNWTO) was established on this day (September 27) in 1970, which coincided with the decision to celebrate World Tourism Day.