



PM IAS initiative

ONE NOTES

PM IAS ACADEMY 

CREATIVE THOUGHT AND ACTION

WIPO

According to the rankings released by the World Intellectual Property Organisation (WIPO), India rose to 40th among 132 countries in the Global Innovation Index 2022. The jump of six places from a year ago, was mainly due to improvement in information and communication technologies (ICT) services, exports, venture capital recipients' value as well as finance for start-ups. Switzerland, the US, Sweden, the UK and the Netherlands are the world's most innovative economies.

ATTORNEY GENERAL OF INDIA

Senior advocate R Venkataramani has been appointed as the new Attorney General for India for a period of three years. He will succeed the present Attorney General K K Venugopal, whose term will end on September 30. The 91-year-old senior advocate was appointed to the post in July 2017 and he was reappointed as the top law officer of the country for three months in June 2022.

UNESCO

International Day for Universal Access to Information was declared to be observed annually on September 28 by UNESCO. This day aims to support the idea that everyone has the right to seek, receive, and distribute information. The theme of the Global Conference in 2022 is 'Artificial Intelligence, e-Governance and Access to Information'. The conference is set to take place in Tashkent, Uzbekistan.

FCI

The Ministry of Micro, Small and Medium Enterprises has organized a National SC-ST hub conclave in Gujarat. The program included participation of CPSE's like NTPC Limited Food Corporation of India (FCI), Oil and Natural Gas Corporation and Indian Oil Corporation Limited, financial institutions such as State Bank of India and Yes Bank.

CBI

The Central Bureau of Investigation has launched a multi-phase 'Operation Garuda' against illicit drug trafficking network. This global operation was initiated in coordination with Interpol and Narcotics Control Bureau, to combat smuggling of illicit drugs and psychotropic substances, with focus on Indian Ocean region. CBI registered 127 new cases, arrested 175 people and seized huge quantities of narcotic drugs during this special operation.

SDF

After the recent Monetary Policy Committee Meeting of RBI, the Central Bank cut the 2022-23 growth projection to 7 per cent from its previous estimate of 7.2 per cent. RBI also made the fourth-rate hike in this financial year, as the Repo rate was hiked by 50 bps to 5.9%. The standing deposit facility (SDF) rate stands adjusted to 5.65 per cent and the marginal standing facility (MSF) rate and the Bank Rate to 6.15 per cent.

UNESCO

UNESCO released a list of 50 exclusive and iconic heritage textile crafts of India named 'Handmade for the 21st Century: Safeguarding Traditional Indian Textile'. It describes the processes behind their making, mentions the causes for their declining popularity and provides strategies for their preservation. Toda embroidery and Sungadi from Tamil Nadu, Himroo weaves from Hyderabad and Bandha tie and dye weaving from Odisha are some of the crafts included.

USA

The United States hosted a historic summit and signed a partnership agreement with more than a dozen Pacific Island nations including Fiji, the Marshall Islands, Papua New Guinea, Tonga among others. US President Joe Biden announce that the country was committed to increasing its presence in the region amidst growing

concern about China's growing military and economic influence. Australia and New Zealand also participated in the summit as observers.

CAT FISH

A new edible catfish species has been discovered in the river Cauvery near Mettur Dam named *Pangasius icaria* (*P. icaria*). As per Indian Council of Agricultural Research, which discovered the species, it belongs to the *Pangasius* genus. For nearly two centuries *Pangasius* is represented by one species in India as well as South Asia and is called *Pangasius Pangasius*.

UNICEF

According to UNICEF report released recently, 80 percent of child marriages can fall down if higher education is provided to all girls. It also noted that secondary education is a much stronger and more consistent protection against child marriage than primary school education. The most progress in the past decade was seen in South Asia, where a girl's risk of marrying in childhood dropped by over a third to below 30 per cent.

SWACHH SARVEKSSHAN

In the category of best performing cities in 'Swachh Survekshan Awards 2022', Indore was declared the cleanest city for sixth time in a row. It is followed by Surat and Navi Mumbai. ✓ In the state category, Madhya Pradesh secured the first position, followed by Chhattisgarh and Maharashtra. The 7th edition of Swachh Survekshan was conducted to study the progress of the Swachh Bharat Mission (Urban) and rank Urban Local Bodies (ULBs) based on various cleanliness and sanitation parameters.

VANDE BHARAT EXPRESS

Prime Minister Narendra Modi inaugurated the Gandhinagar–Mumbai Vande Bharat Express train Mumbai and Ahmedabad, the third in the Vande Bharat series. The two other Vande Bharat Express trains were introduced in the months of February and October 2019, run from New Delhi to Varanasi and Katra, respectively. The 'Vande Bharat 2.0' Gandhinagar–Mumbai Express train covers a distance of about 540 kilometres in 6 hours 30 minutes.

TTDF

Universal Service Obligation Fund (USOF), a body under the Department of Telecommunications, (Ministry of Communication) officially launched Telecom Technology Development Fund (TTDF) scheme. The scheme aims to promote indigenous manufacturing and innovation in the sector. TTDF aims to fund research and development in rural-specific communication technology applications.

WAD

Every year, 21st September is observed as World Alzheimer's Day. This day aims to raise awareness about the Alzheimer's disease, its causes, symptoms and the ways to handle it. Alzheimer's disease is a brain condition which retards memory & cognitive abilities of the affected person. It's the most frequent cause of dementia in older individuals, which may cause brain cells to weaken and die.

IMO

The International Maritime Organization is a specialised agency of the United Nations responsible for regulating shipping. It is headquartered at London. World Maritime Day 2021 is celebrated every year on 30 September. IMO has declared 2021 a year of action for seafarers, who are facing hardship due to the COVID-19 pandemic. The World Maritime theme for 2022 is "New Technologies for Greener Shipping".

FOOD LOSS

The world marks the 3rd International Day of Awareness on Food Loss and Waste on September 29, 2022. The theme of the day this year is "Stop Food Loss and Waste! For People and Planet." Around 14 percent of food produced is lost between harvest and retail, while 17 percent of total global food production is wasted across

the world in various stages. World Heart Day is also celebrated on 29 September. The theme of this year (2022) is "Use heart for every heart".

International Translation Day

Every year, the 30th September is celebrated as the International Translation Day. This day is chosen to remember the Bible translator St. Jerome, who is considered the father of translators. A resolution in this regard was passed by the United Nations General Assembly in the year 2017, in order to recognise the role played by language professionals in connecting nations and promoting peace. The theme of this year (2022) International Translation Day is "A World without Barriers".

'National Voluntary Blood Donation Day'

National Voluntary Blood Donation Day is celebrated on 1st October of every year across the country. It aims to raise awareness about Blood donation and promote voluntary Blood donation in the country. Our country needs around 1.45 crore units of blood every year. Collection of blood is done through 3500 licensed blood banks across the country.

World Habitat Day

Every year, First Monday of October is observed by the United Nations as "World Habitat Day", to stress on the basic right of all to adequate shelter and to highlight the state of our habitats. This year, it was observed on October 4. The theme for this year's World Habitat Day is "Mind the Gap. Leave No One and Place Behind".

International Day of Non-Violence'

The birth anniversary of India's 'Father of Nation' 'Mahatma' Gandhi is observed as the 'International Day of Non-Violence' every year, on Oct.2. The United Nations General Assembly (UNGA), in a resolution adopted in 2007, established the day as an occasion to spread the message of non-violence through education and public awareness. In 2004, Iranian Noble Laureate Shirin Ebadi proposed the idea of the commemoration

LCH

The Indian Air Force inducted the first batch of indigenously developed Light Combat Helicopters, named Prachand, which are capable of firing a range of missiles and other weapons. The Light Combat Helicopters (LCH) are developed by state-run aerospace major Hindustan Aeronautics Ltd (HAL). It has been primarily designed for deployment in high-altitude regions. It was inducted into the IAF at a ceremony in Jodhpur.

YUVA2.0

The Ministry of Education's Department of Higher Education inaugurated YUVA 2.0 (Young, Upcoming and Versatile Authors) on October 2. It is the Prime Minister's Scheme for Mentoring Young Authors. YUVA 2.0 is an author mentorship programme to train young and aspiring writers under 30 years old in order to nurture Indian literature internationally.

DDWS

October 2 is celebrated as Swachh Bharat Diwas across India. Department of Drinking Water and Sanitation (DDWS), which organises Swachh Bharat Diwas-2022, implements two programmes – Swachh Bharat Mission Grameen (SBM-G) and Jal Jeevan Mission (JJM). President of India Droupadi Murmu confers the awards for Swachh Survekshan Grameen (SSG) 2022, Swachhta Hi Sewa 2022, Sujlam 1.0 and 2.0, Jal Jeevan Mission (JJM) Functionality Assessment, Har Ghar Jal certification and start-up Grand Challenge.

RRB

As per the draft guidelines issued by the Finance Ministry, Regional rural banks (RRBs) will be eligible to list on stock exchanges and raise funds if they have net worth of at least Rs 300 crore over the previous three years. Such banks must have a capital adequacy of 9 percent in each of the previous three years and recorded

operating profit of at least Rs 15 crore for a minimum of three out of the preceding five years, among other norms.

SSG

Telangana won the first prize under the Large States category under Swachh Survekshan Gramin (SSG) 2022. Indian President Droupadi Murmu presented the awards which looked into the sanitation status of rural areas. Haryana was named the second and Tamil Nadu the third best state in the SSG Awards 2022. In the second phase of Swachh Bharat Mission Gramin, the aim is to make all six lakh villages in India free of open defecation.

NOBAL PRICE

Swedish geneticist Svante Pääbo won the 2022 Nobel Prize in physiology or medicine for discoveries related to genomes of extinct hominins and human evolution. Pääbo sequenced the genome of the Neanderthal, an extinct relative of present-day humans. He also made the discovery of a previously unknown hominin named Denisova. The prestigious award comes with a gold medal and 10 million Swedish kronor (over USD 1.14 million).

UNCTAD

The United Nations Conference on Trade and Development (UNCTAD) estimates India's economy to grow 5.7% in 2022 and 4.7% in 2023. In its annual Trade and Development Report 2022, it said that world economy is expected to grow 2.6% in 2022. As per the report, the world is headed towards a global recession and stagnation unless we quickly change the current policy course of monetary and fiscal tightening in advanced economies.

Digital India Conference of State IT Ministers

The 'Digital India Conference of State IT Ministers' was recently held in New Delhi. It was held under chairmanship of the Minister for Communications, Electronics and IT, Ashwini Vaishnaw. Union Minister announced that Rs 26,000 crore had been approved to install new 25,000 towers in the next 500 days.

Gagan Strike

Indian Army's Kharga Corps and Indian Air Force conducted a Joint Exercise named 'Gagan Strike' over a period of four days in several areas of Punjab. The army announced that the operation validated the Apache 64E and Advanced Light Helicopter WSI as potent weapon delivery platforms. Attack helicopters were employed as the aerial arm of manoeuvre in support of ground forces, during the exercise.

SPORTS

Australia Captain Aaron Finch announced his retirement from one-day international cricket. Finch has represented Australia in the 145 ODIs. Finch will continue to captain the Australian team in this year's ICC T20 World Cup. His career includes over 5400 runs with 17 centuries. He made his debut against Sri Lanka in 2013 and smashed his maiden hundred against Scotland.

NOBEL PRICE

The Nobel Prize for Physics 2022 is being shared by three scientists, Alain Aspect, John F Clauser and Anton Zeilinger, for their work on quantum mechanics. The three scientists conducted a series of experiments on entangled quantum states, where two separate particles behave like a single unit. Their results will have implications in the fields of quantum computers, quantum networks and secure quantum encrypted communication.

HER START

President Droupadi Murmu launched 'herSTART', a startup platform for women entrepreneurs created by Gujarat University in Ahmedabad. The platform dedicated to women entrepreneurs, will boost innovation and

startup efforts of women entrepreneurs and connect women entrepreneurs with various government and private enterprises.

Nansen Award

Former German Chancellor Angela Merkel was named as the recipient of Nansen Award given by UN High Commissioner for Refugees. The former scientist, who led her country for 16 years, was awarded for offering haven to over 1.2 million refugees and asylum seekers fleeing violence during Syrian conflict, when other countries were turning their backs on them.

PMKVV

The Standing Committee on Labour, Textiles and Skill Development chaired by Bhartruhari Mahtab submitted its report on 'Implementation of Pradhan Mantri Kaushal Vikas Yojana (PMKVY)'. It is implemented by Ministry of Skill Development and Entrepreneurship. As per the report, Under PMKVY 3.0, in 2021-22, only 72 % was utilised. Under PMKVY 3.0, out of about four lakh candidates, only 8% have been placed. During PMKVY 1.0, 2.0, and 3.0, about 20% of the total enrolled candidates dropped out of the training programme.

IMR

According to Sample Registration System Statistical Report 2020, Chhattisgarh had the highest gap in 2020, with a male infant mortality rate of 35 compared to female infant mortality rate of 41. The male and female infant mortality rate (IMR) equalised in 2020 in India. Infant mortality rate is the number of infant deaths for every 1,000 live births. In rural India, female IMR remained marginally higher than male IMR though the gap had reduced. In urban India, the female IMR fell below that of males by 2020.

CSC

Sanjay Kumar Rakesh, CEO of Common Service Centres (CSC) Special Purpose Vehicle, has been appointed as the Managing Director of the company. The decision to this effect was taken at the Board Meeting of CSC held at the Ministry of Electronics & IT. Sanjay Kumar Rakesh took over as the CEO of CSC SPV in 2020 after taking voluntary retirement from IAS. He served as the Additional Chief Secretary of Tripura and Joint Secretary in the Ministry of Electronics & IT.

Kibithu military garrison

The strategically important Kibithu military garrison on the banks of Lohit Valley, Arunachal Pradesh was named after India's first Chief of Defence Staff Gen Bipin Rawat. It is located along the Line of Actual Control. General Rawat commanded his Battalion Gorkha Rifles at Kibithu from 1999-2000 and contributed in strengthening the security structure in the area.

PCOS

The month of September is recognized as International PCOS Awareness Month. Polycystic ovary syndrome (PCOS) is a common hormonal disorder in women, which is also a cause of female infertility. PCOS is caused by a combination of genetic and environmental factors. Globally, three to four women out of 10 women suffer from the disorder.

World First Aid Day 2022

'World First Aid Day 2022' is celebrated every year on the second Saturday of September. This year, World First Aid Day 2022 falls on 10 September 2022 and is celebrated under the theme 'Lifelong First Aid'. The day is observed to promote the significance of first aid and create awareness on a global level about how it can save precious lives.

MIRCHI FESTIVAL

Nagaland is famous for its King Chilli also called as 'Naga Mircha'. It is considered as one of the hottest chilli varieties in the world. The first ever Naga Mircha Festival was recently hosted by Seiyhama Village Council

sponsored by the Department of Horticulture. Seiyhama village has become the dominant cultivator with a variety of species including the Naga King chilli.

CYBER ATTACK

Australian telecom giant Optus said personal information and form of identification of 1.2 million customers was compromised in the recent cyber attack. It is considered as one of the biggest cyber breaches the country has faced. The breach affected 10 million customers, equivalent to around 40% of Australia's population. The federal government has released changes to telecommunications laws, after the breach.

NPCI

The National Payments Corporation of India (NPCI) has clarified that there will be no charge for RuPay credit card use on Unified Payments Interface (UPI) for transactions up to ₹2,000. Nil Merchant Discount Rate (MDR) would apply for this category up to the transaction amount less than and equal to ₹2,000. In September, RBI Governor launched the Rupay credit card on UPI network.

UNCTAD

The World Bank downgraded India's economic growth forecast to 6.5% for the current fiscal year (2022-'23) from its earlier estimate of 7.5% announced in June. The Reserve Bank of India had also cut its growth forecast to 7% from an earlier estimate of 7.2% after increasing the repo rate by 50 basis points to 5.9% to fight inflation. UNCTAD also projected that India's economic growth will decline to 5.7% this year from 8.2% in 2021.

NOBEL PRICE

French author Annie Ernaux has been announced as the winner of the 2022 Nobel Prize in literature. The 82-year-old writer is known for her novels drawing on personal experience of class and gender. Over 20 books authored by Annie Ernaux have been school texts in France for decades. One of the contenders for the literature prize this year was the India-born writer and free-speech advocate Salman Rushdie.

SPORTS

Ace tennis player Novak Djokovic won the Tel Aviv Open title in 2022 held in Israel. It is regarded as the biggest prize in tennis. The 35-year-old Serbian beat Croatia's Marin Cilic 6-3, 6-4 in the final to win his first title since Wimbledon in July. He was handed a large three-foot-tall trophy.

Sri Lanka beat Pakistan by 23 runs in the Asia Cup final to secure its sixth title in Dubai. Sri Lanka scored 170-6 off their 20 overs, with Bhanuka Rajapaksa's unbeaten 71 from 45 balls. The Sri Lankan cricket team is being coached by former England coach Chris Silverwood.

IBM

The Indian Institute of Technology Madras (IIT-Madras) has become the first Indian educational institute to join the New York-based IBM Quantum Network. This collaboration between IIT-M and IBM will benefit researchers from IIT Madras in research in the field of applied quantum computing with industry support from IBM Research India.

ARPA H

US President Joe Biden has announced an ambitious plan to reduce cancer deaths in the United States. A new agency named 'ARPA-H, Advanced Research Projects Agencies for Health' regarding the plan. Cancer is the second most cause of death in the country after heart disease. ARPA-H aims to prevent, detect, and treat diseases including Cancer, Alzheimer's, diabetes, and other diseases

HINDI DIWAS

'Hindi Diwas or National Hindi Day' is celebrated every year on September 14 to mark the adaptation of Hindi (written in Devanagari script) as the official language by the Constituent Assembly on Sep.14, 1949. World Hindi Day 2020 is observed on Jan.10. The day commemorates the anniversary of the first World Hindi Conference held in Nagpur of January 10, 1975.

MULFA

According to Japan Meteorological Agency, Typhoon Muifa hit Ishigaki Island, near Taiwan. The typhoon approached Japan's southern islands. Typhoon Muifa has also brought heavy downpours and winds to islands in Japan's Okinawa. China has also launched emergency response as the typhoon approaches.

RBI

Reserve Bank of India (RBI) Governor Shaktikanta Das launched a new SupTech initiative named 'DAKSH'. The Reserve Bank's Advanced Supervisory Monitoring System aims to make the Supervisory processes more robust. DAKSH is a web-based end-to-end workflow application through which RBI shall monitor compliance requirements to improve the compliance culture in Supervised Entities (SEs) like Banks, NBFCs.

NTCA

The Centre has constituted a 9-member Task Force to monitor Cheetah introduction in Kuno National Park in Madhya Pradesh and other designated areas. The National Tiger Conservation Authority (NTCA) would facilitate the working of Cheetah Task Force. It will be in-force for a period of two years and will monitor health status of Cheetah, quarantine and soft release enclosure, protection status of the area and adaptation of Cheetahs to the habitat of Kuno National Park.

ONLINE GAMBLING

Tamil Nadu Governor RN Ravi gave his assent to an ordinance to ban online gambling and regulate online gaming in the state. With this, the Tamil Nadu prohibition of online gambling and regulation of online games ordinance, 2022 came into effect. Under the regulations, local online games providers can provide service only after registration which will be valid for three years. They shall not provide any online gaming service or allow playing of any online game of chance specified in the Schedule with money or other stakes.

Raktdaan Amrit Mahotsav

Registrations for the 'Raktdaan Amrit Mahotsav' have begun on the Aarogya Setu app and e- Raktkosh portal as part of a mega voluntary blood donation drive planned across the country from September 17 till October 1. October 1 is observed as the National Voluntary Blood Donation Day (NVBDD). The main purpose of the drive is to create a repository of voluntary blood donors.

GEF

'Global Environment Facility (GEF) Small Grants Programme' is jointly implemented by the Ministry of Environment, Forest and Climate Change, the United Nations Development Programme and The Energy and Resources Institute (TERI). It provides financial and technical support to projects that restore environment while enhancing lives of local communities. The project aims to work on biodiversity, climate change and land degradation through funding of NGOs

KAKADU 22

Exercise Kakadu 2022 is being officially hosted by the Royal Australian Navy in Darwin, Australia. The Indian Navy joined the exercise with 14 navies. Indian Navy's INS Satpura and a maritime patrol aircraft reached Darwin to take part in multinational Exercise. The two week-long exercise, both in harbour and sea, involves participation of ships and maritime aircraft.

FICCI

The Federation of Indian Chambers of Commerce & Industry (Ficci) recently committed to adopting 100,000 TB Patients under the Tuberculosis Mukh Bharat Abhiyaan. Indian President Droupadi Murmu launched the Pradhan Mantri TB Mukh Bharat Abhiyaan on September 9. The scheme aims to bring together all community stakeholders to accelerate the country's progress towards elimination of TB.

KCIE

India celebrates 'National Engineers Day' on September 15 every year to recognise and honour the achievements of M Visvesvaraya, one of India's foremost engineers. Along with India, Sri Lanka and Tanzania also celebrate Engineers Day. Visvesvaraya was the chief engineer of the construction of the Krishna Raja Sagara dam in Mysore, as well as the chief designer of Hyderabad's flood protection framework. In 1955, he was awarded the Bharat Ratna honor. He was also knighted as a Knight Commander of the British Indian Empire (KCIE).

'International Day of Democracy'

The International Day of Democracy is observed every year on September 15. This year, the theme is "the importance of media freedom to democracy, peace, and delivering on the Sustainable Development Goals". The Day focuses on the importance of freedom of media to democracy, peace, and delivering on the Sustainable Development Goals. It also provides an opportunity to review the state of democracy in the world.

SAFF

India clinched the SAFF under-17 Championship title, defeating Nepal in the final in Colombo. With this victory, India retains the title, lifting the title for the fourth time. India captain Vanlalpeka Guite was named the Most Valuable Player of the Tournament, while 16-year-old Sahil Poonia won the Best Goalkeeper award.

WORLD BANK

World Bank recently released a new report, titled "Poverty and Shared Prosperity 2022: Correcting Course". As per the report, higher food and energy prices hindered a quick recovery after COVID-19, which has been the biggest setback to global poverty alleviation in decades. Extreme poverty is concentrated in sub-Saharan African countries, which has a poverty rate of about 35 % and accounts for 60 % of all people in extreme poverty.

SC

The Union Government has appointed a commission to consider the possibility of granting SC status to the persons who have historically belonged to the Scheduled Castes but have converted to religions other than Hinduism, Buddhism and Sikhism. The three-member Commission is headed by former Chief Justice of India K G Balakrishnan. The Commission has been asked to submit report in two years.

UNICEF

The United Nations children's agency (UNICEF) has announced in its recent report that more than one million people have been displaced in Myanmar since the military coup last year. The Southeast Asian nation has been in turmoil since the military ousted Aung San Suu Kyi's government last year. The report added that more than half of those forced to flee are in the country's northwest Sagaing region.

AIFS

The Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry has notified the establishment of the Credit Guarantee Scheme for Startups (CGSS). The scheme aims for providing credit guarantees to loans extended by Scheduled Commercial Banks, Non-Banking Financial Companies and Securities and Exchange Board of India (SEBI) registered Alternative Investment Funds (AIFs).

IAF

In a historic step for the Indian Air Force (IAF), Government has approved the creation of a new branch, called the Weapon Systems (WS) branch. The creation of WS branch would entail unification of all weapon system operators under one entity dedicated to the operational employment of all ground-based and specialist airborne weapon systems. ✓ The branch would encompass operators in four specialised streams of Surface-to-Surface missiles, Surface-to-Air missiles, Remotely Piloted Aircraft and Weapon System Operators in twin/multi-crew aircraft. The branch will contribute immensely by enhancing the war fighting capability of the Indian Air Force.

PSU

National Sports Development Fund (NSDF) of the Department of Sports signed Memorandum of Understandings MoUs with NTPC and REC Ltd, two major PSUs under Ministry of Power. NTPC made a commitment for Rs 115 crores towards Archery while REC Limited made a commitment for Rs 100 Crores for 3 years towards Women's hockey, Boxing and athletics.

ENEMY AWARDS

The Emmy Awards 2022 Awarding Ceremony was held recently in Los Angeles. Lead Actor in a Drama Series title was won by Lee Jung-jae, Squid Game while the Lead actress in the same category was won by Zendaya for Euphoria. Hwang Dong-hyuk won the directing Emmy for the dystopian Korean thriller, Squid Game. Jason Sudeikis won Best Actor in Comedy Series for Apple's show Ted Lasso.

FICCI

FICCI is organizing the thought Leadership initiative of India, LEADS (Leadership, Excellence, Adaptability, Diversity, Sustainability) in New Delhi. It will have more than 250 participants from around 50 countries. The 3rd edition will include the discussions by 36 global thought leaders exchanging ideas on 11 themes including manufacturing; food for all; innovation; mobility etc. Indian Union Ministers and their counter-parts from Germany and New Zealand will address various thematic sessions.

GREEN FINS

The Green Fins Hub' is the first-ever global marine tourism industry platform. The tool has been developed by The Reef-World Foundation in partnership with the UN Environment Programme (UNEP). The tool helps to overcome sustainability challenges in the marine conservation tourism industry. It helps operators to make simple changes to their daily practices, keep track of their annual improvements and communicate with their communities and customers.

BEEP

The second edition of the international conference, 'ANGAN – 2022' (Augmenting Nature by Green Affordable New-habitat) was recently held on the title "Making the Zero-Carbon Transition in Buildings". ANGAN 2.0 is being organised by the Bureau of Energy Efficiency (BEE), Ministry of Power, in collaboration with Swiss Agency for Development & Cooperation (SDC) under the Indo- Swiss Building Energy Efficiency Project (BEEP). The Conference had discussions related to building energy efficiency and reducing carbon emission from buildings.

SOLAR VILLAGE

Prime Minister Narendra Modi declared Modhera, a village in Mehsana district of Gujarat, as India's first solar-powered village. Modhera, is also associated with the Sun Temple. According to the Gujarat government, over 1000 solar panels have been installed on village houses, generating electricity for the villagers. They will be provided with solar electricity at zero cost

WEF

As part of its Education 4.0 India initiative, the World Economic Forum has launched a new 'Education 4.0 India Report'. The report deliberates on how digital and other technologies can address learning gaps and make

education accessible to all. The report is the result of collaboration between the World Economic Forum, UNICEF and YuWaah.

TELE MANS

Union Ministry of Health and Family Welfare launched the mental health service called Tele Mental Health Assistance and Networking Across States (Tele-MANAS) initiative. Tele MANAS will be the digital arm of the National Mental Health Programme. The nodal centre for the program will be National Institute of Mental Health and Neuroscience (NIMHANS) with technological support from IIT-Bombay.

ASOLA BHATTI WILD LIFE SANCTUARY

As per a year-long study, presence of eight leopards in the Asola Bhatti Wildlife Sanctuary has been confirmed. This is seen as an indicator of its thriving ecosystem. The sanctuary did not record any leopard sighting for many decades after 1940. ✓ In 2019, the Delhi Forest department reported fresh sightings of leopard pug marks and scats in the sanctuary. The study has also shed light on the presence of mammals such as striped hyena, jungle cat, golden jackal, Indian hare, Indian boar, black buck and hog deer among others.

NOBEL PRICE

The Nobel Memorial Prize in Economic Sciences was awarded to Ben S Bernanke, the former chair of the US Federal Reserve, Douglas W Diamond and Philip H Dybvig of USA for research into banks and financial crises. As per the committee, 'the laureates have provided a foundation for our modern understanding of why banks are needed, why they're vulnerable, and what to do about it'

'International Day for the Preservation of the Ozone Layer

World Ozone Day or International Day for the Preservation of the Ozone Layer is celebrated every year on 16 September. The day is observed to create awareness about the harmful effects of ozone layer depletion. This year, the theme of World Ozone Day 2022 is 'Global Cooperation to Protect Life on Earth'. The first-ever Ozone Day was celebrated on 16 September 1995.

SCO

Indian city Varanasi has been recently nominated as the first-ever SCO Tourism and Cultural Capital. It was nominated for the period 2022-2023 at the 22nd Meeting of Shanghai Cooperation Organization (SCO) Council of Heads of State in Samarkand, Uzbekistan.

SPORTS

15-year-old chess player Pranav Anand from Bengaluru recently became India's 76th Grandmaster. He crossed the 2,500 Elo mark in the ongoing World Youth Chess Championship in Mamaia, Romania. To become a Grandmaster, a player has to secure three GM norms and cross the live rating of 2,500 Elo points. Pranav Anand scored the third and final GM norm at the 55th Biel Chess Festival in Switzerland in July 2022.

LITHIUM CELL MANUFACTURING

The Minister of State for Electronics and Information Technology (MeitY), Rajeev Chandrasekhar, is set to inaugurate India's first lithium cell manufacturing facility at Tirupati, Andhra Pradesh. The unit has been set up by Chennai-based Munoth Industries with an outlay of Rs 165 crore. At present, India imports 100 percent of its lithium-ion batteries primarily from China, South Korea, Vietnam and Hong Kong.

World Patient Safety Day

World Patient Safety Day is observed on September 17. In 2019, World Health Organization's (WHO) declared September 17 as the World Patient Safety Day. This year, the theme of World Patient Safety Day 2022 is "Medication Safety" along with the slogan "Medication Without Harm".

IMF

The International Monetary Fund, in its latest World Economic Outlook report, cut the forecast for India's gross domestic product (GDP) growth in financial year 2022–23 (FY23) by to 6.8 per cent. IMF flagged global inflation crisis and gave a warning of a long and tough economic winter. This is a 0.6 percentage downgrade since July forecast, when IMF cut India's growth forecast to 7.4 per cent.

UNWGIC

Prime Minister Narendra Modi inaugurated the United Nations World Geospatial Congress (UNWGIC) 2022 in Hyderabad. The theme of UNWGIC 2022 is 'Geo-Enabling the Global Village: No one should be left behind', which focuses on building a community for human data and geography.

CJI

Justice Dhananjaya Yeshwant Chandrachud is set to take over as the 50th Chief Justice of India (CJI) after the present Chief Justice UU Lalit formally recommended him as his successor. As per the procedure, the senior most judge Supreme Court judge serves as the Chief Justice of India and the government seeks a recommendation from the CJI to name their successor. Justice DY Chandrachud was part of benches that decriminalised homosexuality, decriminalised adultery, and allowed women in the Sabrimala shrine.

OECD

The Organisation for Economic Co-operation and Development (OECD) has created a new global tax transparency framework for automatic exchange of information related to crypto assets between countries. The framework named Crypto-Asset Reporting Framework (CARF) will be used by the countries to track the cross-border transfer of crypto assets. CARF will be presented to G20 Finance Ministers this week in Washington DC.

MAHAKAL LOK PROJECT

Prime Minister Narendra Modi dedicated Phase I of the Mahakal Lok Project to the nation at Shri Mahakal Lok in Ujjain, Madhya Pradesh. The total cost of the entire project is around ₹850 crore. The Mahakal Path contains 108 stambhs (pillars) which depict Anand Tandav Swaroop (Dance form) of Lord Shiva.

Typhoon Nanmadol'

'Typhoon Nanmadol' is expected to make landfall in Japan. The country's weather agency issued a rare warning about the powerful storm. Nearly two million people in Japan have been asked to seek shelter before Typhoon Nanmadol. It is the first typhoon-linked special warning issued outside of the Okinawa region since the present system began in 2013.

ITPGRFA

India is set to host of the Governing Body session of 'International Treaty on Plant Genetic Resources for Food and Agriculture' (ITPGRFA). ✓ The pact, which came in force in 2004, has been ratified by 149 countries. Member countries at the New Delhi summit of ITPGRFA are likely to reach a consensus on benefit-sharing of germ plasm which will provide access to better quality seeds.

SCO

Iran signed a formal MoU to become a permanent member of the Shanghai Cooperation Organisation (SCO) in 2023. Iranian President Ebrahim Raisi became the first Iranian president in 20 years to visit Uzbekistan, by attending the SCO Summit. Iran acquired observer status in the organisation in June 2005. Its bid for full membership was approved in September 2021 after a wait of 15 years

'Annual report on Environment Sustainability

Railways Minister Ashwini Vaishnaw launched the Swachhta Pakhwara 2022 and released the Annual report on Environment Sustainability 2020–21. The report is a comprehensive document highlighting the steps taken

by Railways to promote green and clean energy. This report brings out the efforts of Railways Ministry towards net zero emission.

UNICEFF

25-year-old Ugandan climate activist Vanessa Nakate has been appointed as UNICEF Goodwill Ambassador. She created a platform called Rise Up Movement to support African climate activists. She led an initiative to stop the deforestation of African rainforests and launched 'Vash Greens Schools Project', which aims to install solar panels in remote areas of her home country, Uganda.

NTL

The Union government announced the inclusion of skilling of girls in non-traditional livelihood (NTL) options in its flagship programme of 'Beti Bachao Beti Pado'. Minister for Women and Child Development Smriti Irani emphasised the importance of convergence between various departments for providing quality education to empower girls.

NLDC

The Union Power Ministry has started the process setting up transmission systems for renewable energy zones (REZ) with 66.5 GW capacity by the current year to integrate non-fossil fuel energy sources with the national grid. It will also establish 13 RE management centres (REMC) to address the variability of generation. A transmission system to integrate an additional 52 GW potential REZ by 2026-27 is also being planned. The Power Minister briefed the steps being taken towards creating a 'One Nation, One Grid, One Frequency and One National Load Dispatch Centre (NLDC)'.

DONER

The Union Cabinet approved projects worth over ₹13,000 crore, including a Rs 6,600 crore-scheme for developing physical and social infrastructure in the North-East. The 'Prime Minister's Development Initiative for North East Region (PM-DevINE)' will be implemented during the remaining four years of the 15th Finance Commission from 2022-23 to 2025-26. It is a Central sector scheme and will be administered by the Ministry of Development of North Eastern Region (DoNER).

CPI

Official data released by National Statistical Office (NSO) showed that the retail inflation based on Consumer Price Index (CPI) was at 7.41 per cent in September. The figure was at 7 per cent in August. Retail inflation rose to a five-month high of 7.41 per cent in September due to costlier food items. It is for the ninth month in a row that retail inflation remained above the Reserve Bank of India's upper band of 6 per cent.

GCA INDEX

As per the Chainalysis 2022 Global Crypto Adoption report, India stands fourth in Global Crypto Adoption Index 2022. For the second consecutive year, Vietnam is ranked first in cryptocurrency adoption and India stood at 4th place with an index score of 0.663. United States (US) has moved up to fifth while China re-entered the top ten of the index despite its ban on all crypto currency trading.

OXFAM

The Oxfam India has released a new report titled 'India Discrimination Report 2022'. As per the report, Gender discrimination is the reason for 98 percent of employment gap between males and females in India. It also shows that discrimination causes 100 percent of employment inequality faced by women in rural areas in labour market and 98 percent in urban areas. Self-employed males earn 2.5 times more than females, 83 percent of which is attributed to gender-based discrimination.

SOVA

SOVA Virus is the new mobile banking Trojan virus, which can encrypt an Android phone for ransom. India's federal cyber security agency issued an advisory saying that the virus has upgraded to its fifth version after it was first detected in the India in July. In July 2022 it added several countries, including India, to its list of targets. It has the ability to harvest user names and passwords by key logging, stealing cookies and adding false overlays to many apps

'UN International Equal Pay Day'

The International Equal Pay Day is observed annually to highlight gender pay gap. It is a United Nations-recognized event that falls on September 18. International Equal Pay Day was first observed back in 1996 by the National Committee on Pay Equity. The main aim of the event is to end the history of gender discrimination that women are facing across the world.

SPORTS

In the Davis Cup World Group-I tie, India was defeated 0-3 by Norway at Lillehammer, Norway. Indian Tennis player Ramkumar Ramanathan was defeated by his lower-ranked opponent Durasovic. In another singles, Prajnesh Gunneswaran went down to world no. 2 Casper Ruud. In the doubles match, the Norwegian pair comprising world No.2 Casper Ruud and Viktor Durasovic defeated Indian pair of Yuki Bhambri and Saketh Myneni.

The Fabelmans

Steven Spielberg's film The Fabelmans won the prestigious People's Choice Award at the Toronto International Film Festival (TIFF) 2022. It is one of the most celebrated and semi-autobiographical film. TIFF People's Choice Documentary Award was won by 'Black Ice' directed by Hubert Davis. TIFF People's Choice Midnight Madness Award was won by 'Weird: The Al Yankovic Story', directed by Eric Appel

LEADS

The Union Commerce and Industry Ministry launched the LEADS (Logistics Ease Across Different States) 2022 report. Andhra Pradesh, Assam and Gujarat are among the 15 States and UTs categorised as achievers in the logistics index chart 2022. The index is an indicator of efficiency of logistical services necessary for promoting exports and economic growth.

Living Planet Report 2022

According to the latest Living Planet Report by World Wide Fund for Nature (WWF), there has been a 69 per cent decline in the wildlife populations of mammals, birds, amphibians, reptiles and fish, across the globe in the last 50 years. ✓ The highest decline (94 per cent) was in the Latin America and the Caribbean region. The report also emphasised that Biodiversity loss and climate crisis are intertwined. Africa recorded a 66 per cent fall in its wildlife populations from 1970-2018 and the Asia Pacific 55 per cent.

PITT ISLAND

A pod of 240 pilot whales has lost their lives after being stranded on New Zealand's Pitt Island in the Pacific Ocean. The pod of whales has been found on the Chatham Islands archipelago, which consists of Pitt Island and Chatham Island with minimal human presence. Earlier, 215 whales died following a mysterious beaching event in the country.

SLENDER LORIS

India's first ever sanctuary for the endangered Slender Loris will be set up in Tamil Nadu. The Kadavur Slender Loris Sanctuary will be formed by merging 11,806 hectares in the forest areas of Karur and Dindigul districts. ✓ Slender Loris is listed as an endangered species according to the International Union for the Conservation of

Nature (IUCN). It is a small nocturnal mammal that spends most of its life on trees. They help farmers by acting as biological predators of pests that harm agricultural crops.

CSIR

As per the report prepared jointly by Niti Aayog and the Council of Scientific & Industrial Research (CSIR), India bears the world's highest health and economic burden due to lead poisoning. Bihar, Uttar Pradesh, Madhya Pradesh, Jharkhand, Chhattisgarh and Andhra Pradesh had the highest average blood lead levels (BLL). A 2020 report by UNICEF and non-profit Pure Earth had found India had major number of the 800 million children poisoned by lead globally. It meant that half of India's children were poisoned by lead.

SPORTS

Bengaluru FC and their captain Sunil Chhetri won their maiden Durand Cup football tournament title after beating Mumbai City FC in the final clash. The 38-year-old Sunil Chhetri clinched his first Durand Cup. Bengaluru FC has achieved first Durand Cup victory since coming into existence in 2013.

MPLA

João Lourenço' has sworn in as the President of Angolan for a second term in the Central African country's capital- Luanda. The results of the Elections were heavily disputed by the opposition. The Popular Movement for the Liberation of Angola (MPLA), which was in power since independence from Portugal in 1975, won the elections.

INS AJAY

Indian Naval Ship Ajay (P34) was decommissioned recently after 32 years of distinguished services to the nation. The decommissioning ceremony was held at Mumbai's Naval Dockyard. INS Ajay was an Abhay class anti-submarine warfare corvette of Western Naval Command. The ship was commissioned on January 24, 1990. It was posted on various deployments including Operation Talwar during the Kargil War in 1999 and Operation Parakram in 2001.

UNGA

The 77th session of the United Nations General Assembly (UNGA-77) was inaugurated recently in New York followed by the High-Level Week. The UN General Assembly (UNGA) is the main policy-making organ of the United Nations. This year's theme is 'A watershed moment: transformative solutions to interlocking challenges' with focus on crises such as COVID-19, climate change and conflict and need for solutions to build global sustainability and resilience.

BBNL

The Indian Army, in collaboration with Bharat Broadband Network Limited (BBNL), has activated satellite broadband-based internet service on the Siachen Glacier. The glacier is located in the eastern Karakoram range of the Himalayas at a height of 19,061 feet. The BBNL is a wholly government-owned broadband infrastructure provider company. It is working under Bharat Net scheme to provide internet connectivity through satellites to rural remote areas.

ISRO

NGLV (Next-Gen Launch Vehicle) is going to replace the current PSLV (Polar Satellite launch Vehicle) in near future. NGLV is a three - staged heavy lift reusable vehicle with the payload capability of 10,000 kg to Geostationary transfer orbit (GTO) and 20,000kg to low earth orbit (LEO). It will have a semi-cryogenic propulsion for booster stages to make it cost efficient.

Luciano Wernicke

'The most incredible world cup stories -Anecdotes from Football World Cup, From Uruguay in 1930 to the present day' is a book written by Luciano Wernicke from Argentina & is published by Niyogi books. The book

covers funny, fascinating & controversial anecdotes from football's greatest spectacle. The 22nd edition of FIFA world cup, 2022 will be hosted by Qatar this year.

ISRO

Bharat Krishi Satellite programme' is ISRO's dedicated programme in agriculture sector. It will span agricultural related activities, pesticides, irrigation, crop data, drought statistics etc. A minimum of 2 satellites will be required to cover the entire agricultural area of the country

WWF

The 'Living Planet Report' published by WWF stated that the Monitored wildlife population (including mammals, amphibians, fish, reptiles) has seen a drop of 69% in last five decades between 1970 –2018. The cause of such decline can be attributed to drastic & devastating climate change, pollution, land & habitat degradation, diseases, invasive species & more.

INTERPOL

International Criminal Police Organisation (INTERPOL) is an international organisation headquartered at Lyon, France was established in the year 1923. This is a second time for India since 1997 to host such conference. The General Assembly of INTERPOL is headed by the President who holds the office for 4 years, current being Ahmed Naseer Al-Raisi of UAE.

IWD

The full week ending on the last Sunday of September is observed as the International Week of the Deaf (IWD), every year. In 2022, IWD is being observed from September 19 to 25 September 2022. The theme of the 2022 International Week of Deaf People is "Building Inclusive Communities for All". The IWD is an initiative of the World Federation of the Deaf (WFD) and was first launched in 1958 in Rome.

NHRC

National Human Rights Commission (NHRC) Chairperson, retired Justice Arun Kumar Mishra has been elected as a member of the Governance Committee of the Asia Pacific Forum (APF). He has also been elected as a member of the Global Alliance of National Human Rights Institutions (GANHRI) Bureau. The GANHRI is one of the world's largest human rights networks.

Cheetah Rehabilitation Project

As many as 8 Cheetahs have been brought from Namibia and are being introduced in India under Project Cheetah. It is the world's first inter-continental large wild carnivore translocation project and Rehabilitation Project. Out of the eight Cheetahs there are five female and three male, as per the Cheetah Mitras and Cheetah Rehabilitation Management Group.

Swachh Sujal Pradesh

Union Jal Shakti Minister Gajendra Singh Shekhawat declared Andaman and Nicobar Islands as India's first Swachh Sujal Pradesh. The Minister handed over the certificate to Lieutenant Governor Admiral DK Joshi declaring the UT as India's first "Clean and Sujal Pradesh". All the villages of the union territory have been certified as Har Ghar Jal and ODF (Open defecation free) Plus

International Day of Peace

'International Day of Peace' is observed on September 21 around the world. United Nations General Assembly observes 24 hours of non-violence and cease-fire on the day. The theme for the International Day of Peace 2022 is 'End racism. Build peace'. The day will be dedicated to the aim of making a world free of racism and racial discrimination.

VINCOV-19

VINCOV-19, India's first antidote and a projected cure against SARS-CoV-2 virus is now ready for market authorisation and simultaneous phase-3 clinical trials. The drug, a joint effort of the University of Hyderabad (UoH), the Centre for Cellular and Molecular Biology (CCMB) and immunological company VINS Bioproducts Limited, recently passed the phase-2 trials. It was conducted in over 200 participants across multiple centres in India.

Neiphiu Rio

Chief Minister Neiphiu Rio on October 14, 2022 launched a universal health insurance scheme for the people of the state. The Chief Minister's Health Insurance Scheme (CHIS) will be implemented in convergence with the Ayushman Bharat scheme of the Centre. The aim of the scheme is to alleviate financial hardships due to hospitalisation expenses and prevent accessibility to healthcare on account of inability to afford it. The scheme has been categorised into CMHIS Employees and Pensioners (EP), and CMHIS (General).

East Asia Summit Education Minister's Meeting

India participates at the 6th East Asia Summit Education Minister's Meeting held on October 14, 2022 in Hanoi, Vietnam. Neeta Prasad, Joint Secretary (International Cooperation) Ministry of Education virtually addressed the gathering and informed about the key initiatives of National Education Policy 2020 and India's collaborative efforts in education and research with partner EAS countries

PM INDIA

Council of Scientific and Industrial Research was established by the Government of India in September 1942 as an autonomous body that has emerged as the largest research and development organisation in India. Prime minister of India serves as its President. Recently, Prime Minister Narendra Modi chaired a meeting of the Council of Scientific and Industrial Research (CSIR) Society in New Delhi on October 15, 2022.

Heads of Asian Coast Guard Agencies Meeting

Defence Minister delivered the inaugural address at 18th Heads of Asian Coast Guard Agencies Meeting (HACGAM) in New Delhi on October 15, 2022. Indian Coast Guard (ICG) is hosting 18th HACGAM in coordination with HACGAM secretariat from October 14 to 18, 2022. A total of 55 representatives from 18 countries and two International Organisations are participating in the meeting.

Bogibeel

The Union Minister of Ports, Shipping and Waterways Sarbananda Sonowal announced recently that India's longest river cruise service for over 4,000 km will start in 2023. The river cruise service will be operated between Varanasi in Uttar Pradesh and Bogibeel in Assam. The route will connect rivers Ganga and Brahmaputra via Indo-Bangladesh Protocol Route (IBRP). The Union Minister also inaugurated Bogibeel Riverfront Passenger Jetty built by Northeast Frontier Railways (NFR).

NASA

The Galilean moons or Galilean satellites are the four largest moons of Jupiter namely Io, Europa, Ganymede, and Callisto. They were first identified by Galileo Galilei in 1609-1610. On September 26, Jupiter is set to make its closest approach to Earth in the last 59 years according to NASA. The planet's banding and three or four of the Galilean moons will be visible when seen with binoculars

GFCI

New York topped latest rankings from the Global Financial Centres Index (GFCI) and remained as the world's most favoured financial centre for fourth year. London retains its second position while Singapore overtook Hong Kong to come in third. Paris returned to the top 10 to replace Tokyo. However, Moscow was pushed down

22 places to 73rd after its invasion of Ukraine and resultant severing of ties from Western countries. GFCI is compiled by Z/Yen, a London-based think tank and China Development Institute.

'World Rhino Day 2022

Union Jal Shakti Minister Gajendra Singh Shekhawat declared Andaman and Nicobar Islands as India's first Swachh Sujal Pradesh. The Minister handed over the certificate to Lieutenant Governor Admiral DK Joshi declaring the UT as India's first "Clean and Sujal Pradesh". All the villages of the union territory have been certified as Har Ghar Jal and ODF (Open defecation free) Plus.

REC

Central Public Sector Enterprise- REC Limited, formerly called as the Rural Electrification Corporation has been accorded the 'Maharatna' status. ✓ An order to this effect was issued by the Department of Public Enterprises, under the Ministry of Finance. REC is a Non-banking Finance Company which focuses on Power Sector Financing and Development across India. With the grant of 'Maharatna' status, REC can also enter into technology Joint Ventures or other strategic alliances.

NPCI

The National Payments Corporation of India (NPCI) has reappointed Dilip Asbe as the Managing Director and Chief Executive Officer (MD & CEO) of the company for a period of five years. Dilip Asbe took over as MD&CEO of NPCI in January 2018. NPCI is an umbrella organisation for operating retail payments and settlement systems in India

BIO REFINERIES

India launched the 'Innovation Roadmap of the Mission Integrated Bio-refineries' on the sidelines of the Global Clean Energy Action Forum-2022 at Pittsburgh, US The Roadmap has been developed by co-leads with active inputs from Brazil, Canada, EC and the UK. The Mission aims at greater collaboration and the need for increased financing for Energy Research, Development, and Demonstration (RD&D) during the next five years through public-private investment.

Diving Support Vessels

The Indian Navy launched two indigenously designed and built Diving Support Vessels (DSVs) – Nistar and Nipun in Visakhapatnam. The vessels were built by Hindustan Shipyard Ltd. The vessels have complex diving support systems and a Deep Submergence Rescue Vessel (DSRV), which will be deployed for deep sea diving and submarine rescue operations.

APOA

Edible oil trade associations from India, Pakistan, Sri Lanka, Bangladesh and Nepal announced the setting up of Asian Palm Oil Alliance (APOA). These are the five major palm oil importing countries in South Asia. Atul Chaturvedi, President, Solvent Extractors' Association of India (SEA) has been named the first chairman of APOA. The aim of the association is to gain bargaining power and make imports sustainable.

World Lung Day

World Lung Day is celebrated on September 25, which aims to recognise the latest achievements in lung health. Out of all the cancer cases, lung cancer accounts for 12.8%. Out of all the mortalities due to cancer, lung cancer accounts for 17.8%. Smoking is responsible for developing lung cancer by 94%. The risk of lung cancer is 24 to 36 times higher in smokers than in people who do not smoke. The theme for the day is, "Lung Health for All".

Suella Braverman

Indian-origin Home Secretary Suella Braverman has been named winner of the first-ever Queen Elizabeth II Woman of the Year award. The 42-year-old barrister was appointed to the Cabinet earlier this month by

British Prime Minister Liz Truss. The awards recognise the achievements of individuals from across Britain's South Asian community via public nominations.

IOA

The Supreme Court appointed former Supreme Court Judge Justice L Nageswara Rao for amending constitution of Indian Olympic Association and preparing Electoral College. The International Olympic Committee (IOC) issued a warning to IOA to resolve its governance issues and hold elections by December, failing which the world sports body will ban India

PEN

Indian author and poet Meena Kandasamy has been announced as this year's recipient of the Hermann Kesten Prize by the PEN Centre in Germany. The Hermann Kesten Prize honours personalities who stand up for the rights of persecuted authors and journalists. Her notable works include *The Gypsy Goddess*, *When I Hit You: Or, A Portrait of the Writer as a Young Wife*, *Ayaankali*, *Tamil Tigresses* and poems such as *Touch*, and *Ms Militancy*.

SPORTS

The Duleep Trophy final between the West Zone and South Zone was recently held in the city of Coimbatore, Tamil Nadu. It is a domestic first-class cricket competition played in India. In this year's edition, West Zone defeated South Zone by 294 runs, and won the title. Ajinkya Rahane was the skipper of the West Zone cricket team.

National Tourism Day' 2022

World Tourism Day is celebrated across the country on September 25 every year to spread awareness about the importance of tourism and its impact on the economy. This year's theme for World Tourism Day is "Rethinking Tourism". Since 1980, the United Nations World Tourism Organization has celebrated World Tourism Day as international observances on September 27.

GHI

The Global Hunger Index scores are based on four indicators — Undernourishment, Child Stunting, Child Wasting and Child Mortality. China and Kuwait are the Asian countries that has ranked at the top of the list. South Asian region has the highest hunger level, highest child stunting rate and highest child wasting rate in the world. 17 countries have been collectively ranked between 1 and 17 with a score of less than 5. Yemen is at the last position in the Global Hunger Index 2022 in the world.

ISRO

ISRO (Indian Space Research Organization) is developing Next Generation Launch Vehicle (NGLV) to replace Polar Satellite Launch Vehicle (PSLV) which was created in 1980s.

ISRO chairman Sreedhara Panicker Somanath made the announcement of the new NGLV launch during a press conference on the sidelines of 'Engineers Conclave 2022' at the Liquid Propulsion Systems Centre (LPSC) in Valiyamala. NGLV will be cost-efficient three-stage reusable heavy-lift vehicle with a payload capacity of ten tonnes to Geostationary Transfer Orbit (GTO). NGLV is using semi-cryogenic technology which will be both efficient and cost-effective.

SCG

After Coal India Ltd has signed MoUs with BHEL, IOCL, and GAIL (India) Ltd— Government has planned to establish proposed surface coal gasification (SCG) projects in West Bengal, Odisha, Chattisgarh, Maharashtra, and Tamil Nadu. The proposed SCG projects will be established at an aggregated estimated cost of Rs. 35,000 crores.

MPI

The Multidimensional Poverty Index (MPI) released by the United Nations Development Programme (UNDP) and OPHI. As per the report, the number of poor people in India fell by about 415 million between 2005–06 and 2019–21. India has the largest number of poor people worldwide (228.9 mn) followed by Nigeria (96.7 mn).

Pradhan Mantri Bhartiya Jan Urvarak Pariyojana

Prime Minister Narendra Modi inaugurated the two-day PM Kisan Samman Sammelan 2022 at the Indian Agricultural Research Institute in the national capital. He also launched the Pradhan Mantri Bhartiya Jan Urvarak Pariyojana — One Nation One fertiliser scheme under the Ministry of Chemicals and Fertilisers. Under the scheme, companies must market all subsidised fertilisers under a single brand 'Bharat'.

NGO

As per the US government-funded NGO Freedom House, India's internet freedom score improved by two points to 51 after efforts to bridge the digital divide in the country. India's score was 49 in Internet Freedom in 2021. The improvement in the score is also based on reduced frequency and intensity of internet shutdowns in the country.

Dignity for all in practice

International Day for the Eradication of Poverty is observed on 17th October to raise awareness about the global issue of poverty. The theme for this year is 'Dignity For all in Practice'. In 1992, the United Nations General Assembly passed a resolution designating October 17 as the International Day for the Eradication of Poverty. According to the UN, 'dignity' is a fundamental right and the basis of other fundamental rights and every human being is entitled to dignity.

Booker Prize

Sri Lankan author Shehan Karunatilaka, has been awarded the 2022 Booker Prize for Fiction for the novel 'The Seven Moons of Maali Almeida'. The novel is a metaphysical thriller which tells the story of the photographer of its title. Karunatilaka has become the second Sri Lankan-born author to win, following Michael Ondaatje, who won in 1992.

NROL

The United States launched a spy satellite named NROL-91. The United Launch Alliance (ULA) Delta IV Heavy rocket launched the satellite for the US from California. The National Reconnaissance Office (NRO) is an agency of the United States Department of Defense which designs, builds, launches, and operates the reconnaissance satellites of the country.

Durgavati Tiger Reserve

Madhya Pradesh Wildlife Board approved a new reserve for tigers of Panna Tiger Reserve (PTR), which is to be called Durgavati Tiger Reserve. One-fourth of the 2,339 square kilometres new tiger reserve will get submerged due to the linking of the Ken–Betwa Rivers. A green corridor linking PTR with Durgavati will be developed for the natural movement of the tiger to the new reserve.

Indian Urban Housing Conclave

Prime Minister Narendra Modi inaugurated the 'Indian Urban Housing Conclave–2022' a three-day event being organised by Ministry of Housing and Urban Affairs (MoHUA) at Rajkot, Gujarat. The Conclave will provide a platform to demonstrate technologies as well as discuss various materials and processes for housing construction suitable for different Geo-climatic regions of the country. The Prime Minister also dedicated 1100 houses constructed under Light House Project.

CLIMATE TRANSPARANCY REPORT

The 'Climate Transparency Report 2022' was released by a partnership of climate analysis organisations in G20 countries. As per the report, countries most affected by income losses in these sectors were India (5.4% of

GDP), Indonesia (1.6% of GDP), and Saudi Arabia (1% of GDP). Losses to earnings from heat-related labour capacity reduction were the highest in services, manufacturing, agriculture, and construction.

Heads of Missions Conferenc

Prime Minister Narendra Modi participated in the 10th Heads of Missions Conference at Kevadia. It is being organized by the Ministry of External Affairs. The Prime Minister launched Mission LiFE (Lifestyle for the Environment) in Kevadiya in the presence of UN Secretary-General, Antonio Guterres. The Prime Minister also launched Mission Schools of Excellence at Trimandir, Adalaj, Gujarat

HTT 40

Prime Minister Narendra Modi unveiled HTT-40, an indigenous trainer aircraft designed and developed by Hindustan Aeronautics Limited (HAL). It was launched at the India Pavilion during 12th DefExpo in Gandhinagar, Gujarat. It comprises of over 60 per cent in-house parts with collaboration of private industry.

Shiyan-14 and Shiyan-15

China launched two experimental satellites named Shiyan-14 and Shiyan-15. The pair of satellites entered the preset orbit. The Shiyan-14 will be used to conduct scientific experiments and verify new technologies, while the Shiyan-15 will provide data in the fields of land survey, urban planning, and disaster prevention and mitigation

SPORTS

India's ace female cricketer Jhulan Goswami announced her retirement recently, as she played her final international match against England at Lord's. Jhulan played 12 Tests, 204 ODIs and 68 T20Is for the Indian women's team. She has clinched 255 ODI wickets, the most by a women's cricketer in the format. In 2007, Jhulan Goswami became the first female Indian cricketer to be named the ICC Women's Cricketer of the Year. She received the prestigious Arjuna Award in 2010.

NIC

The Supreme Court is set to begin live streaming of three separate constitutional benches from the NIC platform to promote transparency. Supreme Court is also said to be in the process of having its separate OTT in future, on the lines of the Madhya Pradesh High Court. The three constitution bench cases, including the Economically Weaker Section (EWS) quota case, the rift in Shiv Sena case and the case related to validity of All India Bar Examination.

FTP

The Foreign Trade Policy (2015-20) has been extended from time to time. Export Promotion Councils and leading exporters have been demanding to continue with current Foreign Trade Policy. The Central Government has decided to extend the Foreign Trade Policy 2015-20, valid till Sept 30, 2022 for a further period of six months, with effect from October 1, 2022.

World Rivers Day 2022

World River Day is observed to raise awareness regarding water bodies and to promote their conservation. It is observed every year on the fourth Sunday of September, and this year, it falls on September 25. The theme for this year's World Rivers Day is 'The importance of Rivers to Biodiversity'.

PMGSY

The Prime Minister Narendra Modi launched Pradhan Mantri Gram Sadak Yojana (PMGSY)-III in Chamba, Himachal Pradesh. The Prime Minister also launched Pradhan Mantri Gram Sadak Yojana (PMGSY)-III in Himachal Pradesh for the upgradation of around 3125 kilometres of roads in the state. More than Rs 420 crores has been sanctioned by the Central Government under this phase for the upgradation of 440 kilometres of roads in 15 border and far-flung blocks of the state.

SPORTS

Penguin Tazuni has been unveiled as the official mascot of next year's FIFA Women's World Cup in Australia and New Zealand. The design is based on the Eudyptula minor species found in both host countries, and the name combines the Tasman Sea and the word 'Unity'. Tazuni is a 15-year-old midfielder whose story involves her falling in love with football after playing with a group of children on a beach.

CBG

Union Minister of Petroleum and Natural Gas Hardeep Singh Puri inaugurated Asia's largest Compressed Bio Gas (CBG) plant in Lehragaga, Sangrur, Punjab. The CBG Plant at Sangrur was inaugurated with an FDI investment of Rs 220 crores by Verbio AG, one of the top bioenergy companies in Germany. It is spread out across around 20 acres and currently produces about 6 Tons Per Day (TPD) of CBG.

Pradhan Mantri Awas Yojana–Urban (PMAY–U)

Uttar Pradesh bagged the first position in the 'Pradhan Mantri Awas Yojana– Urban (PMAY–U) Awards 2021. It is followed by Madhya Pradesh and Tamil Nadu at second and third place, respectively. Gujarat saw five special category awards while Jammu and Kashmir was adjudged the 'Best Performing UT' alongside Dadra and Nagar Haveli and Daman & Diu. 1.23 crore houses were sanctioned under the scheme of which 64 lakh have already been completed and delivered while the rest were at various stages of completion.

'World Development Information Day

Every year the United Nations marks October 24 as World Development Information Day across the world. This day is observed to create awareness towards the problems surrounding development in different nations and solutions to overcome them. In 1972, the UN General Assembly established World Development Information Day.

MUMBAI

India's first 'Migration Monitoring System' has been inaugurated in Mumbai. The system has been developed by the Department of Women and Child Development. It is aimed at providing updated information on migrant pregnant women, lactating mothers and children instantly on a single system. The website-based Migration Tracking System (MTS) will track the movements of vulnerable seasonal migrant beneficiaries through unique identification numbers.

AGNI P

India test-fired indigenously developed new generation medium-range ballistic missile 'Agni Prime' (Agni-P) from the Odisha coast. As per the Defence Research and Development Organisation, Agni Prime is a new generation advanced variant of the Agni class of missiles with range capability between 1,000 and 2,000km.

IIT

The Indian Institute of Technology Madras (IIT Madras) has won the 'National Intellectual Property Awards 2021 and 2022'. The institution has been identified as the top Indian academic institution for patents filing, grants and commercialisation. This award is presented by the Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry.

Dadasaheb Phalke AWARD

Veteran actor Asha Parekh has been selected for the Dadasaheb Phalke award for the year 2020 and will be presented the award at the National Film Awards ceremony, to be held in New Delhi. Tamil film superstar Rajinikanth was the recipient of the last Dadasaheb Phalke award. Asha Parekh, the 52nd awardee of the honour, worked in more than 95 films and was the chairperson of the Central Board of Film Certification from 1998–2001. Established in 1954, the awards are being organised by the National Film Development Corporation (NFDC).

CWC

Kerala Chief Minister Pinarayi Vijayan launched the 'Kunjapp' mobile application to prevent cyber-crimes against children in the state. Child exploitation can be reported through the 'Kunjapp' application. The Chief Minister also inaugurated the training for the newly appointed Child Welfare Committee (CWC) and Juvenile Justice Board (JJB) members.

UN

The United Nations (UN) marks October 24 to October 30 as Disarmament Week each year. On October 24, the United Nations (UN) was established in 1945. The United Nations General Assembly had a special session on disarmament in 1978 and Disarmament Week was first observed. The United Nations Disarmament Commission (UNDC) was established in 1952. It was tasked with creating documents for treaties to regulate the number of armed forces and weapons of nations

ORDINANCE

Karnataka Governor Thaawarchand Gehlot gave assent to the ordinance to increase the reservation for the Scheduled Castes from 15 per cent to 17 per cent and the Scheduled Tribes from 3 per cent to 7 per cent in the state. The Karnataka cabinet approved an ordinance for increasing the reservation for Scheduled Castes and Scheduled Tribe communities

Brassica juncea

The regulatory authority in Australia approved the commercial cultivation of the genetically modified Indian mustard species 'Brassica juncea'. This is the first time a genetically modified variety of Indian mustard has received commercial approval anywhere in the world. Even India awaits the clearance of genetically modified mustard. The canola (Brassica napus) is the only GM mustard variety that was cleared for commercial application.

World Polio Day 2022

World Polio Day is observed every year on October 24 to raise awareness about the polio vaccination and eradication of polio. The day highlights the efforts of the frontline workers who work to provide vaccines in polio-hit countries. ✓ This year, the overarching theme of World Polio Day is 'A healthier future for mothers and children'. World Polio Day was established in 1985 to commemorate the birth of Jonas Salk, who was the lead researcher of the team that developed the first Polio vaccine.

Chief of Defence Staff

The Government has decided to appoint Lt General Anil Chauhan (Retired) as the next Chief of Defence Staff (CDS). He shall also function as Secretary to Government of India, Department of Military Affairs. In a career spanning over nearly 40 years, he has served in various positions. Lt General, he became the General Officer Commanding-in-Chief of the Eastern Command in 2019 until he retired in 2021

ASI

Archaeological Survey of India (ASI) has found more than 100 remains including largest Varha sculpture of 9th century to 15th century in Bandhavgarh Tiger Reserves in Madhya Pradesh. Twenty-six caves of 2nd Century CE to 5th century CE, remains of Mahayana sect of Buddhism like chaitya shaped doors and cells containing stone beds were found. Other findings include stone games, water filter structure, coins and Brahmi inscriptions.

World Heart Day 2022

World Heart Day 2022 is celebrated every year on September 29 to raise awareness about the concerns of heart health and cardiovascular illnesses. The theme of the World Heart Day 2022 is 'Use Heart for Every

Heart'. Heart disease and stroke are the world's leading causes of death, which claim 18.6 million lives each year.

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The Supreme Court ruled that all women are entitled to safe and legal abortion and that the distinction between married and unmarried women in this matter is unconstitutional. The Supreme Court also said that unmarried women are also entitled to seek abortion of pregnancy in the term of 20-24 weeks arising out of a consensual relationship. A three-judge bench headed by Justice DY Chandrachud ruled that under the Medical Termination of Pregnancy Act, the definition of rape must include marital rape.

CNG

The Prime Minister Narendra Modi laid the foundation stone of the World's First CNG Terminal and a brownfield port at Bhavnagar, Gujarat. The Prime Minister also inaugurated the Regional Science Centre which is spread over 20 acres and has been built at a cost of around Rs 100 crores.

National Maritime Day' 2022

India recently celebrated the 59th National Maritime Day which falls on April 5 every year. This year's theme is 'Sustainable Shipping beyond COVID-19'. The first anniversary of the day was held in 1964 to raise awareness about international trade and economy. An award ceremony is held to honour those who made important contributions to the Indian maritime industry.

Gazeta Wyborcza

Polish newspaper Gazeta Wyborcza was awarded Golden Pen of Freedom by World Association of News Publishers. The award was announced during the 2022 World News Media Congress currently taking place in Zaragoza, Spain. The Golden Pen of Freedom is WAN-IFRA's annual award recognising individuals or organisations who contribute to the defence and promotion of press freedom.

Tourism Statistics 2022

Union Ministry of Tourism released a report titled 'India Tourism Statistics 2022'. It was released by Vice-President Jagdeep Dhankhar on World Tourism Day. The Group of Monuments at Mamallapuram in Tamil Nadu was the most visited centrally-protected ticketed monument for foreign visitors. in 2021-22. Taj Mahal was the most popular centrally-protected ticketed monument for domestic visitors. The Red Fort and the Qutub Minar were the second and third most visited sites.

RAILWAYS

The Union Cabinet, chaired by Prime Minister Narendra Modi, has approved a proposal for the redevelopment of three major railway stations —New Delhi, Ahmedabad and CSMT Mumbai. With an approximate total investment of nearly Rs 10,000 crore, the stations will be redeveloped using Green Building Techniques with solar energy, water conservation, and recycling and improved tree cover. They will be integrated with other modes of transportation like metro and bus. The total cost of redevelopment of 199 stations including these three major stations is Rs 60,000 crores

GOOGLE

Alphabet Inc's Google has announced to set up its first cloud region in Greece, as the country is making efforts to become a world cloud computing hub. The deal is estimated to contribute some USD 2.13 billion to the GDP of Greece and create some 20,000 jobs by 2030. A cloud region is based around a cluster of data centres. Microsoft has also decided to build a data centre hub in the country

International Translation Day 2022

Every year International Translation Day is observed on September 30 to honour the work of translators and language professionals across the world. The theme for this year's International Translation Day is "A world without barriers". September 30 was chosen as it also coincides with the feast of the Bible translator, St. Jerome.

TORUISM DAY

Uttarakhand received the first prize in two categories, for the best adventure tourism destination and all-around development of tourism from the Ministry of Tourism. Vice President Jagdeep Dhankar presented National Tourism Awards 2018–19, on the occasion of World Tourism Day. He also launched photography and videography contest during the event

World Rabies Day

'World Rabies Day' is observed every year on September 28, to raise awareness about rabies prevention and to highlight progress in defeating this disease. It also marks the death anniversary of the French chemist and microbiologist Louis Pasteur, who developed the first rabies vaccine.

Sukapaika River

The National Green Tribunal (NGT) has directed the Odisha state government to sanction budgetary allocation of Rs 4967 lakh towards rejuvenation of Sukapaika Drainage Channel project by March 2023. The NGT directed to rejuvenate the dead river, to mitigate the drinking water crisis of at least three blocks of Cuttack district

BLUE FLAG

Two beaches from Lakshadweep Minicoy Thundi Beach and Kadmat Beach were added to the list of 'Blue Flag Beaches'. It is an eco-label given to the cleanest beaches in the world by the Foundation for Environment Education (FEE). With this, India now has 12 beaches certified under the Blue Flag Certification. Spain with 729 sites tops the list of countries with Blue Flag awarded sites.

'SAMRIDDHI

Delhi Lieutenant-Governor Vinai Kumar Saxena recently announced a one-time property tax amnesty scheme. Under the Strengthening & Augmentation of Municipal Revenue for Infrastructure Development in Delhi (SAMRIDDHI) 2022–23 scheme, the NCR people will be able to pay the principal amount of the current and pending tax of past five years for residential properties

COP 27

The 27th annual UN meeting on climate, COP27 (Conference of Parties) will take place in Sharm-el-Sheikh, Egypt from 6th to 18th November. This will be the fifth time a Climate Conference is being hosted in Africa. COP27 will focus on three main areas, reducing emissions, helping countries to prepare and deal with climate change and securing technical support and funding for developing countries for climate activities.

GEAC

The Genetic Engineering Appraisal Committee (GEAC) has approved genetically modified (GM) mustard for commercial cultivation. Technically called Dhara Mustard Hybrid-11 (DMH-11), it was developed by the Centre for Genetic Manipulation of Crop Plants of Delhi University and the National Dairy Development Board and partly funded by the department of biotechnology.

UNFCCC

'2022 NDC Synthesis Report' from United Nations Framework Convention on Climate Change (UNFCCC) shows countries are bending the curve of global greenhouse gas emissions downward. It also warns that these efforts remain insufficient to limit global temperature rise to 1.5 degrees Celsius by the end of the century

IMC

Prime Minister Narendra Modi officially announced the launch of 5G in select cities, during the 'Indian Mobile Congress' held in 2022 in New Delhi. Leading Telecom companies like Bharti Airtel and Jio confirmed that it will roll out 5G services in select cities.

IOB

The Union Government has promoted Ajay Kumar Srivastava, the present Executive Director of Indian Overseas Bank (IOB) as the bank's Managing Director and Chief Executive Officer. He will hold the post for a period of three years with effect from January 1, 2023. Indian Overseas Bank is a public sector bank headquartered in Chennai.

International Day of Older Persons

October 1 is observed as the International Day of Older Persons across the world every year. It was introduced by the United Nations General Assembly with an aim of honouring the contribution of older persons and focussing on the problems they face. This year, the theme for the International Day of Older Persons is 'Resilience of Older Persons in a Changing World'.

Basmati Rice

India is the leading exporter of Basmati Rice to the global market, as it exported 3,948,161 MT of Basmati Rice worth Rs. 26,416 Crores during 2021–22. The Indian Agricultural Research Institute (IARI) recently organised 'Kisan Sampark Yatra' in Haryana and Punjab to obtain feedback on the three newly released IARI Basmati varieties. Pusa Basmati 1847, Pusa Basmati 1885 and Pusa Basmati 1886 were by ICAR–IARI with inbuilt resistance to Bacterial blight and blast diseases.

Anopheles stephensi

The World Health Organization (WHO) has launched new initiatives to stop the spread of invasive malaria vectors in Africa. *Anopheles stephensi* is the primary mosquito vector, responsible for causing malaria in urban environments. The initiative aims to support a regional response to *Anopheles stephensi* on the African continent. The WHO had also released Global Vector Control Response 2017–2030.

WHO

The World Health Organization (WHO) recently released a list of priority fungal pathogens, in response to the rising threat of invasive fungal disease. The priority list classifies 19 of the most common fungal pathogens into three priority tiers. The most dangerous is the 'critical group', which contains just four fungal pathogens: *Cryptococcus neoformans*, *Aspergillus fumigatus*, *Candida albicans* and *Candida auris*.

COVID

China has started dispensing an inhalable COVID–19 vaccine to its people. According to the Shanghai city administration, the free booster dose of the vaccine is being made available to those who have already had vaccinations. It comprises of a mist that is breathed in via the lips. The 'needle-free' vaccines are expected to increase vaccination rates in countries with weak health systems.

ASEAN

The 7th ASEAN–India Ministerial Meeting on Agriculture and Forestry was held under the co– chairmanship of Union Agriculture Minister Narendra Singh Tomar. The meeting also welcomed the 30th anniversary of ASEAN–India relations. The progress in activities under the Medium–Term Action Plan of ASEAN–India Cooperation (Year 2021–2025) was reviewed. Agriculture Ministers of Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand, and Vietnam also participated in the meeting.

ICAO

Dr Shefali Juneja was named the chairperson of the Air Transport Committee (ATC) of the International Civil Aviation Organization (ICAO). India will chair the committee after 28 years and India has chaired the ATC only twice so far. The ATC is a specialized agency of the United Nations and an advisory body of the Council on air transport matters.

IAF

Dr. A K Anil Kumar, Senior Scientist in ISRO is elected as the Vice President of the International Astronautical Federation (IAF), during its Annual Conference held in Paris. International Astronautical Federation (IAF) is the world's leading space advocacy body with 433 members in 72 countries. IAF encourages development of astronautics for peaceful purposes and supports dissemination of scientific information.

MY GOV

Akash Tripathi, a 1998 batch IAS officer of Madhya Pradesh cadre, has been appointed as the Chief Executive Officer (CEO), MyGov, Ministry of Electronics & Information Technology. Senior bureaucrat Ajay Bhadoo has been appointed as the Deputy Election Commissioner. As many as 35 civil servants from different services have been appointed as joint secretaries in various union government departments.

World Habitat Day

World Habitat Day is observed on the first Monday of October, which marks the beginning of Urban October. This year it falls on October 3 and World Habitat Day 2022 is observed under the theme 'Mind the Gap. Leave No One and No Place Behind'. World Habitat Day was first celebrated in 1986 in Nairobi, Kenya, with the theme 'Shelter is my right'

TESLA

Tesla CEO Elon Musk presented a prototype humanoid robot named 'Optimus' that shares artificial intelligence software and sensors with its cars' Autopilot driver assistance features. The Optimus robot is designed for mass production in millions of units. It carries a 2.3kWh battery pack, runs on a Tesla SoC, and contains Wi-Fi and LTE connectivity.

MSDE

The Directorate General of Training (DGT) has launched Bharatskills Forum, a new feature allows sharing of books, notes, videos, question bank for skill learners. It has been added to the Bharatskills learning platform developed by DGT. It is the apex organisation under the Ministry of Skill Development and Entrepreneurship (MSDE) for coordination at national level for vocational training programmes.

NSO

The National Statistical Office (NSO), Ministry of Statistics and Programme Implementation has released the press note on Employment Outlook of India. The report covers the period from September 2017 to August 2022. It uses information on number of subscribers of Employees' Provident Fund (EPF) Scheme, the Employees' State Insurance (ESI) Scheme and the National Pension Scheme (NPS). As per the report, 5,81,56,630 new subscribers joined the EPF Scheme.

'Dragonfly'

NASA's Dragonfly rotorcraft is scheduled to reach the Selk Crater region on Saturn's moon Titan in the year 2034. Cassini spacecraft has sent some radar images of the area during its 13 years of exploring the Saturn system. Dragonfly is also the first flying machine for a world in the outer solar system.

SIMBEX

The Navies of India and Singapore are participating in the Singapore-India Maritime Bilateral Exercise (SIMBEX) at Visakhapatnam. The Indian Navy is hosting the 29th edition of SIMBEX-2022 in two phases –

Harbour Phase at Visakhapatnam followed by the Sea Phase in Bay of Bengal. SIMBEX series of exercises began in 1994 and were initially known as Exercise Lion King

VADODARA

The government announced that a transport aircraft manufacturing facility for the Indian Air Force will come up in Vadodara. 40 of the 56 C-295MW transport aircraft being procured from Airbus Defence and Space SA will be manufactured at the new facility in Vadodara

OAG

As per the report of the Aviation analytics company Official Airline Guide (OAG), Indira Gandhi International Airport, Delhi is the 10th busiest airport in the world in terms of seat capacity and frequency of domestic and international flights as of October 2022. Delhi airport improved from its 14th position in October 2019. The busiest airport in the world as of October 2022 is Hartsfield–Jackson Atlanta International Airport which serviced 47,47,367 seats. Dubai International is second, followed by Tokyo International Airport.

SBI

On the occasion of Gandhi Jayanti, the State Bank of India launched the 4th phase of the 'SBI Gram Seva' program. The bank announced that it will adopt 30 remote villages across Aspirational Districts in Haryana, Gujarat, Maharashtra, Punjab, Tamil Nadu, and West Bengal. The bank would take active intervention in areas like education, healthcare, livelihoods, and infrastructure.

Satya Nishtha

Himachal Pradesh Chief Minister Jai Ram Thakur launched the 'Satya Nishtha' application for the state police. The application will help police prepare a database of criminals and study various offences that take place under different police stations in the district. It is a database of information on migrant labourers, foreigners and suspicious person

Commonwealth Games

The Commonwealth Games Federation (CGF) and the Commonwealth Games Australia unveiled the sport programme for the Victoria 2026 CWG. It features 20 sports and 26 disciplines, including nine fully integrated para sports. Shooting, which was controversially dropped from the Birmingham CWG, is included in the 2026 edition in Victoria, Australia. Shooting has been the strongest sport of India recently

SUGAR

In 2021–22, India is the world's largest producer and consumer of sugar as well as the world's second largest exporter of sugar. India's sugar exports rose 57 per cent to 109.8 lakh tonnes during 2021–22 marketing year which ended September. This resulted in foreign currency inflow worth about Rs 40,000 crore into the country.

UNEP

The "Emissions Gap Report 2022: The Closing Window" was released by the United Nations Environment Programme (UNEP). India's per capita greenhouse gas emissions were at 2.4 tCO₂e (tonne carbon dioxide equivalent), which is far below the world average of 6.3 tCO₂e in 2020. The US contributed the highest emissions of 14 tCO₂e, followed by 13 tCO₂e in Russia and 9.7 tCO₂e in China.

WORLD BANK

The World Bank has recently released the 'Commodity Markets Outlook report for October 2022'. As per the report, Global energy prices will ease in the next couple of years but remain higher than the historic average. The report also noted that Energy prices are expected to fall by 11 per cent in 2023 and 12 per cent in 2024.

GARUDA

Indian Air Force (IAF) and French Air and Space Force (FASF) are participating in a bilateral exercise, named 'Garuda VII' at Air Force Station Jodhpur. In this exercise, the IAF is participating with Su-30 MKI, Rafale, LCA Tejas and Jaguar fighter aircraft, as well as the Light Combat Helicopter (LCH) and Mi-17 helicopters. This is the seventh edition of the bilateral exercise.

ISRO

The SatCom Industry Association (SIAIndia) has organised a three-day India Space Congress, ISC 2022, in New Delhi. The theme of ISC 2022 is 'Leveraging Space to Power Next-Gen Communication & Businesses'. Speakers from 30 countries participated in the event, which is supported by the Indian Space Research Organisation (ISRO), Ministry of Defence, Niti Aayog, In-Space, New Space India Ltd (NSIL) and the Department of Telecommunication.

HLDMM

India and the European Union co-chaired the 6th High-Level Dialogue on Migration and Mobility (HLDMM) in Brussels. Talks were held on issues related to the promotion of safe, orderly, and regular migration. The HLDMM was attended by representatives of the Diplomatic Missions of EU Member States in Brussels who were invited as Observers. India and EU celebrate 60 years of diplomatic ties.

IFSCA

International Financial Services Centres Authority (IFSCA) constituted the 'Committee of Experts on Sustainable Finance'. Headed by C.K. Mishra, Former Secretary to Government of India, submitted its final report to Chairperson, IFSCA. Some important recommendations include developing a voluntary carbon market, framework for transition bonds, enabling de-risking mechanisms and promoting regulatory sandbox for green Fintech. The committee also proposes to set up a dedicated MSME platform for sustainable lending.

ECI

Actor Pankaj Tripathi has been declared as the 'National Icon' of the Election Commission of India (ECI) for creating awareness amongst voters along with ECI. In the 2017 film Newton, for which he won the National Award, he played a role of CRPF officer, who was tasked with conducting elections in the jungles of Chhattisgarh, faced by conflicts

ISA

International Solar Alliance's Fifth Assembly is to be hosted by India in New Delhi on October 17- 20, 2022. Union Minister for Power and New and Renewable Energy RK Singh unveiled the curtain raiser to the Fifth Assembly of ISA. India holds the office of the President of the ISA Assembly. The Fifth Assembly will deliberate on key initiatives of ISA on three critical issues: energy access, energy security, and energy transition.

SASTRA Ramanujan Prize

The SASTRA Ramanujan Prize for 2022 will be awarded to Yunqing Tang, Assistant Professor with the University of California, Berkeley, USA. As per the prize committee, the awardee's works display a remarkable combination of sophisticated techniques. The USD 10,000 -award was instituted by the Shanmugha Arts, Science, and Technology & Research Academy (SASTRA) in 2005. It is presented annually to individuals aged 32 and below, who contribute in the field of mathematics, influenced by Srinivasa Ramanujan.

'SFURTI'

SFURTI (Scheme of Fund for Regeneration of Traditional Industries) was launched by the Union Ministry of MSME in the year 2005. It aims to promote Cluster development across the country. Khadi and Village Industries Commission (KVIC) is the nodal Agency for promotion of Cluster development for Khadi as well as

for Village Industry products. The SFURTI Mela was recently celebrated in Dilli Haat, for the first time, commemorating Azadi Ka Amrit Mahotsav.