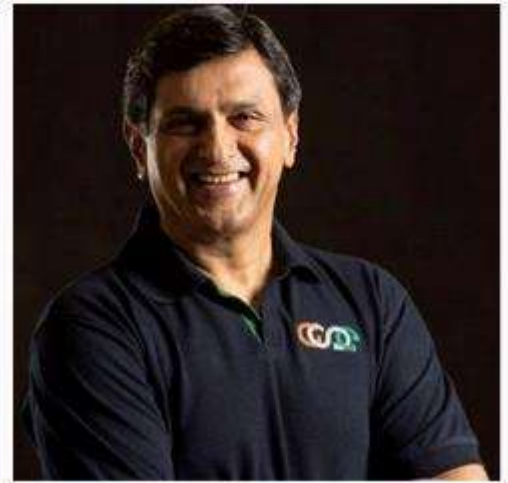


TNPSC THERVUPETTAGAM CURRENT AFFAIRS NOVEMBER 2021

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TNPSC BITS

- ❖ The Appointments Committee of the Cabinet has approved the reappointment of Shaktikanta Das as Reserve Bank of India Governor for a period of three years.
- ❖ The Archaeological Survey of India discovered the base of another temple on the premises of Suka-Sari Temple in the old town area of Bhubaneswar.
 - The founded remnants were expected to be dated back to the Somavamshi period from the 9th to 12th century.
- ❖ The Defence Research and Development Organization and Indian Air Force jointly flight tested indigenously developed Long-Range Bomb successfully from an aerial platform.
- ❖ The World Bank has suspended its aid to Sudan after the military there staged a coup against the civilian government.
- ❖ The New AY.4.2 variant of Coronavirus is spreading fastly across the world.
 - Now, several cases of the new variant are emerging in India.
- ❖ The Southeast Asian leaders began their annual summit without Myanmar.
 - Myanmar skipped the summit in protest after the association of Southeast Asian nations shut out its top general from its meetings.
- ❖ Tamil Nadu government has issued a GO to increase the age limit of the parents of girl children who undergo family planning under the CM's Girl Children Protection Scheme.
 - The age is increased from 35 to 40.
- ❖ Microsoft Corporation has surpassed Apple to become the world's most valuable publicly-traded company by market capitalisation.
- ❖ The Union Minister Dr Jitendra Singh has dedicated to the nation "Sardar Patel Leadership Centre" at Lal Bahadur Shastri National Academy of Administration (LBSNAA) in Mussoorie of Uttarakhand.
 - The facility was inaugurated on the occasion of Rashtriya Ekta Diwas on October 31, 2021.
- ❖ The Asian Development Bank has approved a USD 250 million (about Rs 1,875 crore) loan to support India's National Industrial Corridor Development Program (NICDP).
 - This is the first subprogram of the programmatic USD 500 million loans to develop 11 industrial corridors spanning 17 states.
- ❖ The National Small Matchbox Manufacturers Association has increased the price of a matchbox from Rs.1 to Rs. 2 per box.



- The increase in the price of matchbox has been done after 14 years since last increase in 2007 from 50 paise to Re. 1.
- ❖ The World Vegan Day is observed globally on 1st November every year.
 - This day is celebrated to spread the benefits of veganism for humans, non-human animals, and the natural environment.
- ❖ SpaceX has incorporated its wholly-owned subsidiary in India to start local broadband operations.
 - SpaceX's satellite broadband arm Starlink aims to start broadband services in India from December 2022.
- ❖ Indian Grandmaster (GM) P Iniyan has won the 5th Rujna Zora chess tournament held in Serbia.
 - P Iniyan is the 16th Indian Grand Master from Erode, Tamil Nadu.
- ❖ Damon Galgut has won the 2021 Booker Prize for his novel "The Promise".
- ❖ Rahul Dravid was appointed the new head coach of the Indian men's cricket team.
 - He was appointed by the Board of Control for Cricket in India's Cricket Advisory Committee.
- ❖ The US Centers for Disease Control (CDC) officially approved Pfizer's vaccine for children aged 5 to 11 years old in the US.
 - This is the first COVID-19 vaccine for young children under 12 years of age in the US.
- ❖ The Government has declared Kalij Pheasant as the bird of the Union Territory of Jammu and Kashmir.
 - Hangul (Kashmir stag) will continue to be the animal of Jammu and Kashmir.
- ❖ NASA's Perseverance Mars rover has emerged from its first "solar conjunction" blackout and gotten back to work on the Red Planet.
 - In this alignment, known as solar conjunction, our star can corrupt commands sent from Earth to Mars.
- ❖ The American biotech company Novavax Inc's Covid-19 vaccine has got its first emergency use authorisation (EUA) in Indonesia.
 - The vaccine will be made by India's Serum Institute and marketed in Indonesia under the Covovax brand name.
- ❖ International Day to End Impunity for Crimes against Journalists was observed on November 02.
 - This day is commemorated the legacy and achievements of journalists killed in the line of duty, and call for justice for crimes committed against them.



- ❖ Halloween day was celebrated in many countries across the world on October 31st.
- ❖ Shyam Saran Negi is believed to be India's oldest voter at 104 years of age.
 - He recently cast his ballot in the Mandi Parliamentary by-poll in Himachal Pradesh.
- ❖ A 400-year-old way of making firecrackers using clay is witnessing a small revival in Vadodara, Gujarat.
 - These variety of crackers are known as Kothis.
- ❖ Britain oil and gas explorer Cairn will change its company's name from 'Cairn Energy PLC' to 'Capricorn Energy PLC'.
 - Cairn is one of Europe's leading independent energy companies.
- ❖ The International Day for Preventing the Exploitation of the Environment in War and Armed Conflict is an international day observed annually on November 6.
- ❖ The Kerala government has proposed to form "Haritha Karma Sena" (Green Action Force).
 - This is to collect and segregate waste from city households for transporting it to solid waste treatment facility at Kochi Corporation.
- ❖ Astronaut Wang Yaping has become the first Chinese woman to walk in space.
 - The team of Wang Yaping completed a six-hour stint outside Tiangong space station.
- ❖ 18-year-old Sankalp Gupta from Nagpur of Maharashtra became India's 71st Grandmaster.
 - Sankalp Gupta achieved this after he secured the three required GM norms in just 24 days in chess.
- ❖ Prime Minister Narendra Modi signed up to the UK's Glasgow Breakthroughs, launched at the COP26 climate summit.
 - It is an international plan to deliver clean and affordable technology everywhere by 2030.
- ❖ The lawmakers in the US announced that a bill has been introduced in the House of Representatives to declare Diwali a federal holiday.
 - This was led by Carolyn B Maloney from New York.
- ❖ Russia is likely to export its cutting-edge S-500 anti-aircraft missile systems to India and China in the future.
 - The S-500 anti-aircraft missile system is capable of detecting and simultaneously engaging up to 10 ballistic hypersonic targets.



- ❖ China has delivered to Pakistan the largest and most advanced warship that Beijing has ever exported.
 - The Type 054A/P frigate was named the PNS Tughril.
- ❖ Manika Batra and Archana Girish Kamath from India have won the women's doubles title at World Table Tennis Contender Lasko 2021.
- ❖ Every year, 10th November is celebrated as World Immunization Day.
 - This day is celebrated to make people aware of the importance of getting timely vaccinations against vaccine-preventable diseases.
- ❖ Kolkata-based player Mitrabha Guha has become India's 72nd chess Grandmaster.
 - The 20-year-old achieved this feat by bagging his third and final GM norm during a tournament in Serbia.
- ❖ Vice Admiral R Hari Kumar will take charge as the next Chief of the Indian Navy.
 - This will happen after the incumbent, Admiral Karambir Singh retires on November 30.
- ❖ The Nepal Army Chief General Prabhu Ram Sharma has been conferred the honorary rank of General of the Indian Army by President Ram Nath Kovind.
 - It is a customary practice by the two countries to confer the honorary rank of General on each other's Army Chiefs.
- ❖ Amitabh Bachchan has been roped in as brand ambassador of Amway India.
- ❖ In a tennis, Novak Djokovic (Serbia) has defeated Daniil Medvedev (Russia) in the finals to win the 37th Masters Title held at Paris, France.
 - It was his 6th Paris Title.
- ❖ Dwayne Bravo, the former captain of the West Indies cricket team has confirmed his retirement from international cricket.
- ❖ The Odisha government launched a first-of-its-kind road safety initiative called Rakshak.
- ❖ India's first Physical National Yogasana Championships has been organised in Bhubaneswar, Odisha.
 - It has been organised by the National Yogasana Sports Federation (NYSF) in association with the Odisha state.
- ❖ Brazil has become the first South American team to qualify for the 2022 FIFA World Cup in Qatar.
- ❖ The PGIM India Mutual Fund launches India's first Global Real Estate Securities Fund.



- ❖ The Union ministry of home affairs (MHA) has recognised Bhattu Kalan police station of Fatehabad district in Haryana among the top three police stations in India in 2021.
- ❖ The SpiceJet in India launched a new scheme under which passengers will be able to pay for tickets in three, six or 12 instalments.
 - It is for the first time in India such a scheme to be launched.
- ❖ The Civil Aviation Ministry declared Shirdi airport as a major airport under the Airports Economic Regulatory Authority Act, 2008.
 - With this declaration, the Airports Economic Regulatory Authority (AERA) will now determine tariff for aeronautical services at this airport.
- ❖ Fumio Kishida, leader of the Liberal Democratic Party (LDP) has been re-elected as the Prime Minister (PM) of Japan.
 - Fumio Kishida succeeded Yoshihide Suga who resigned as PM of Japan in September 2021.
- ❖ India will face Australia in the opening match when women's cricket makes its debut at the Birmingham 2022 Commonwealth Games (England).
 - Women's cricket is making its debut at the Commonwealth Games with the T20 format.
- ❖ Narendra Modi inaugurated the Bhagwan Birsa Munda memorial-cum-freedom fighter museum on what was the first 'Janjatiya Gaurav Diwas' or tribal pride day at Ranchi in Jharkahnd.
 - Janjatiya Gaurav Diwas was observed on November 15.
- ❖ The International Day against Illicit Trafficking in Cultural Property is held every year on 14 November.
 - The day reminds the world that theft, looting, and illicit trafficking of cultural property takes place in every country, robbing people of their culture, identity, and history and that we have to work together to combat this crime.
- ❖ Tamil Nadu School education minister Anbil Mahesh Poyyamozhi urges students to call helpline 14417 to report harassment.
 - He also said that private school students and teachers will be educated on the Protection of Children from Sexual Offences (POCSO) act.
- ❖ Russia has started the delivery of the S-400 missile system to India.
 - The S-400 is considered the most advanced air-defence system worldwide.
- ❖ Ten global organizations with partial funding and in-kind contributions from the insurance sector and partner institutions had launched a Global Resilience Index Initiative (GRII) at COP26.



- GRII will provide a globally consistent model for the assessment of resilience across all sectors and geographies.
- ❖ Renowned author Mannu Bhandari has passed away at the age of 90.
 - Bhandari was also one of the key members of the Nayi Kahani movement of Hindi literature.
- ❖ The Chief Minister of West Bengal, Mamata Banerjee, inaugurated the “Duare Ration Scheme”.
 - Under this scheme, 10 crore people will get their ration at their doorstep on a fixed day in every month.
- ❖ The International Cricket Council (ICC) announced cricket legends Mahela Jayawardena (Sri Lanka), Shaun Pollock (SA), and Janette Brittin (England) were inducted into the hall of fame.
 - 106 players have been inducted into the hall of fame since its launch in 2009.
- ❖ The Indian Railways has opened the first Pod retiring rooms for passengers of Indian Railways as well as common people, at the Mumbai Central station.
 - Pod hotel or capsule hotel comprised of small bed-sized capsules and provide affordable overnight accommodation.
- ❖ The United Nations Secretary-General, Antonio Guterres has appointed Shombi Sharp of the United States (US) as the UN Resident Coordinator in India.
 - He will lead the UN team in India, and work towards India’s Covid-19 response plans to recover better for the Sustainable Development Goals.
- ❖ Indian Police Foundation (IPF) conducted a survey on citizens perception.
 - In the survey, Delhi Police has been ranked at seventh spot, among Indian states and union territories.
- ❖ In tennis, Garbine Muguruza of Spain beat Anett Kontaveit of Estonia in the final to claim her first WTA Final title.
 - Muguruza is also the first Spaniard to win the WTA Finals.
- ❖ India, world's largest recipient of remittances, received \$87 billion in 2021.
 - India is followed by China, Mexico, the Philippines, and Egypt.
- ❖ The Chief Minister of Punjab, after PM Modi announced repealing three farm laws, announced that a memorial will be set up in name of all farmers from the state who lost their lives during the farmers’ agitation.
- ❖ The Asian Infrastructure Investment Bank has given its approval to the Indian Government for the implementation of the Sustainable Urban Services Program for the Chennai Metropolitan Area.



- ❖ The Union Minister Dr Jitendra Singh inaugurates first of its kind, world's most sophisticated, latest MRI facility at the National Brain Research Centre (NBRC), Manesar, Haryana.
- ❖ V. Jyothi Surekha of Andhra Pradesh wins compound women's individual title at Asian archery championships in Dhaka, Bangladesh.
- ❖ World Citizen Day is an annual celebration observed on November 19th of every year.
- ❖ International Transgender Day of Remembrance, has been observed annually (from its inception) on November 20 as a day to memorialize those who have been murdered as a result of transphobia.
- ❖ The United States has extended the authorization of the Moderna and Pfizer COVID vaccine booster doses for all adults aged 18 years and older.
- ❖ The Prime Minister Modi formally handed over the HAL's Light Combat helicopter to the Indian Air Force.
 - It is an Indian multi-role attack helicopter designed and manufactured by the Hindustan Aeronautics Limited (HAL).
- ❖ The Central Government and Asian Development Bank (ADB) have signed a pact to fund development projects in Agartala, Tripura.
- ❖ Taliban welcomed India's meet on Afghanistan.
 - The Delhi dialogue assured world that Afghan soil not being used against anyone.
- ❖ The defence minister Rajnath Singh inaugurated the first operationalised private sector defence manufacturing facility in the Uttar Pradesh Defence Industrial Corridor (UPDIC) in Lucknow.
- ❖ India's first Assembly Session for children was held in Jaipur, Rajasthan to mark the National Children's Day on November 14.
 - The Rajasthan legislative assembly will be the first such assembly in the country to organise a session for children.
- ❖ Kannada film star Puneeth Rajkumar will be conferred with the 'Karnataka Ratna Award', the state's highest civilian honour, posthumously.
- ❖ The Spanish-German Actor Daniel Brühl has been named the Goodwill Ambassador for the United Nations World Food Programme (UN-WFP).
- ❖ The Vice President M. Venkaiah Naidu has released the book 'Srimadramayanam' in Hyderabad.
 - It has been written by Sasikiranacharya.
- ❖ The South African cricketer AB de Villiers announced his retirement from all forms of cricket.



- ❖ A 6-year-old boy Rana Sivakumar from Coimbatore has been selected for the first-ever international fashion show to be held in Dubai.
- ❖ Tamil Nadu Governor R.N. Ravi appointed RM Kathiresan as Vice-Chancellor of the Annamalai University for a period of three years.
 - The Governor is also the Chancellor of the Annamalai University in Chidambaram.
- ❖ 8,573 musicians in Venezuela set the world's largest orchestra record called as Tchaikovsky's "Slavonic March."
 - Venezuela's National System of Youth and Children's Orchestra is known as "El Sistema".
- ❖ The Central government agreed to grant permanent commission (PC) to 11 women Army officers.
 - The Supreme Court in February 2020 had ordered the Centre to ensure that women officers are given a permanent commission (PC) in the Army.
- ❖ Poet Venilla's novel 'Gangapuram' was awarded the 'Pudhumaipiththan padaipillakkiya award' (புதுமைப்பித்தன் படைப்பிலக்கிய விருது).
- ❖ El Salvador has announced that the country is planning to build the world's first "Bitcoin City".
- ❖ The International Cricket Council (ICC) has appointed Geoff Allardice of Australia as the permanent CEO.
 - He replaces Manu Sawhney of India.
- ❖ Patalpani railway station in Indore at Madhya Pradesh is being renamed as Tantya Mama railway station after tribal icon Tantya Bhil.
 - He was known as one of the greatest revolutionaries and "Robin Hood of India".
- ❖ The Defence Acquisition Council (DAC) has granted permission for the mass production of AK-203 rifles.
 - DAC has also approved an independent satellite for Indian Air Force (IAF).
- ❖ Defence Minister, Rajnath Singh, virtually inaugurated the "5th World Congress on Disaster Management (WCDM)".
- ❖ The Indian government and Asian Development Bank (ADB) signed a loan agreement of 300 million U.S. dollars.
 - The loan agreement will help in strengthening and improving access to comprehensive primary health care across urban areas in 13 states.



- ❖ CBI Special Director Praveen Sinha was elected as a delegate from Asia to the executive committee of the INTERPOL (International Criminal Police Organisation).
 - Major General Ahmed Naser al-Raisi of UAE has been elected for one four-year term as the President of the global policing body.
- ❖ The National Day of Mourning is an annual demonstration, held on the fourth Thursday in November (November 25, 2021) in America.
 - The day aims to educate the public about the Native Americans in the United States.
- ❖ Chief Secretary V. Iraianbu had announced earlier that the name of the Anna Management Center will be renamed as "Anna Administrative Staff College".
- ❖ Bangladesh's first COVID-19 vaccine Bangavax has received approval from the Bangladesh Medical Research Council (BMRC) for human trials.
 - Bangavax was previously known as Bancovid.
- ❖ The 5th East Asia Summit (EAS) Conference on Maritime Security Cooperation was held in Kolkata.
 - India organized the event in partnership with Australia.
- ❖ Former Sri Lanka captain Mr Ranjan Madugalle became the first match referee to officiate in 200 Tests.
 - This feat was achieved during officiating the Test match between Sri Lanka and West Indies in Galle.
- ❖ The External Affairs Minister, S. Jaishankar led the Indian delegations at the 20th Meeting of Shanghai Cooperation Organisation (SCO) Council of Heads of Government (CHG).
 - The meeting was held in Nur-Sultan in virtual format under the chairmanship of Kazakhstan.
- ❖ The first-ever Aharbal festival was held in the Kulgam district of Jammu and Kashmir
 - The aim is to promote tourism in Kashmir, especially at Aharbal waterfall.
- ❖ The central government allotted Rs 10000 crore for MGNREGA Scheme.
 - While allotting the fund, the central government stated that Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGA) is a demand-driven scheme.

TAMIL NADU

Tamil Nadu Day

- ❖ The DMK government announced that July 18 would be observed as Tamil Nadu Day.
- ❖ July 18 was the day on which a resolution moved by then Chief Minister C.N. Annadurai was adopted in the State Legislative Assembly to rename the then Madras Presidency as Tamil Nadu in 1967.
- ❖ Mr Stalin also announced that 'Border Saviours' would be honoured with a cash prize of ₹1 lakh each on November 1 this year as a special case.
- ❖ The Border saviours are the ones who throughout their lifetime indulged in the struggle of safeguarding the border of Tamil Nadu when the linguistic States were formed.
- ❖ There are a total of 110 Border Saviours.



Single women now 'family'

- ❖ Single women in the State, who have separated from their husbands or parents, will now be recognised as 'family'.
- ❖ Also, ration cards will be issued to them by the civil supplies department.
- ❖ Criteria for single women to get ration cards
 - Women should have a kitchen with a gas connection (preferably) or a cooking facility.
 - Written self-declaration of staying alone.
 - House will be audited by Revenue Inspector.
 - Aadhaar and Gas bill.

Separated, divorced, unmarried single women in #TamilNadu will be recognised as 'Family' can now get ration cards.



Tamil Nadu police control room



- ❖ The Tamil Nadu police control room has been given ISO 27001: 2013 by the British Standards Institution.
- ❖ The state-of-art control room functioning in Egmore handles emergency calls in the numbers 100, 101 and 112 in an integrated platform with the help of ITES.
- ❖ Tamil Nadu control room is the first in the country to receive the ISO certificate.

Tamil Nadu Green Climate Company

- ❖ The State government accorded permission to establish the Tamil Nadu Green Climate Company.
- ❖ It is a Special Purpose Vehicle (SPV), to implement three key missions.
- ❖ They are
 - Tamil Nadu Climate Change Mission,
 - The Green Tamil Nadu Mission, and
 - The Tamil Nadu Wetlands Mission.

Objective

- ❖ Plan, execute, and monitor State-wide programmes for climate change adaptation and mitigation.
- ❖ Wetlands mapping and restoration.
- ❖ Enhancing forest and tree cover of the State to 33 per cent over the next 10 years.


Madras high court on 10.5 per cent Vanniyar quota

QUOTA ALREADY IMPLEMENTED IN TN: GOVT

➤ The PILs contended that if the reservation was allowed to be implemented, **Vanniyars and other sub-castes coming under 'vanniyakula kshatriya' community would enjoy exclusive 10.5% reservation in admission to higher education and government services, while other 25 castes under MBC and 68 under**

denotified communities will have to share remaining 7% quota

➤ **"The GO would not, in any manner, affect the prospects of the members of the other MBCs in the reservation category. Nearly half-a-dozen similar cases are pending before the apex court and the SC had not stayed it," AG told the CJ bench of the Madras HC**



- ❖ The Madurai Bench of Madras high court set aside a Tamil Nadu legislation granting 10.5% reservation to the Vanniyar community within an existing 20% quota for the most backward classes (MBC) in the state.
- ❖ It held the law to be unconstitutional.
- ❖ It held that the state government is empowered to do internal reservation.
- ❖ It asked how the percentage of 10.5% had been arrived with no clear caste census.
- ❖ The court clarified that the order nullifying the reservation will not impact those who have been admitted to institutions under the quota.

Background

- ❖ The law carving 10.5% reservation for Vanniyar within 20% reservation for Most Backward Classes (MBCs) was notified by the previous AIADMK government on February 26 in 2021.
- ❖ The present Dravida Munnetra Kazhagam (DMK) government issued an order to fully implement the reservation.



Chief justice Sanjib Banerjee

- ❖ Madras high court chief justice Sanjib Banerjee has been transferred to the Meghalaya high court.
- ❖ It was his bench that said the election commission (ECI) should face murder charges for flouting Covid protocol.
- ❖ Justice Banerjee has sworn in as chief justice on January 4, 2021.
- ❖ The SC collegium, in its meeting held on September 16, recommended the transfer of Justice Sanjib Banerjee to Meghalaya HC
- ❖ It has also recommended the transfer of Justice Munishwar Nath Bhandari, a judge in the Allahabad HC, to the Madras HC.



Payment bank licence – Tamil Nadu

- ❖ The Tamil Nadu government is planning to seek a payment bank license to help monitor the disbursement of funds from the government treasury efficiently until it reaches the right beneficiary of various welfare schemes.
- ❖ This is part of the several measures being undertaken by the state finance department so that funds meant for social welfare schemes do not lay idle, aren't delayed.

Devasahayam Pillai (1712 – 1752)

- ❖ He the 18th century Roman Catholic convert and “martyr” from Kanyakumari district.
- ❖ He was born Neelakanta Pillai in 1712.
- ❖ He took the name "Lazarus" after embracing Christianity in 1745.
- ❖ "Lazarus" or "Devasahayam" in the local language, meaning "God is my help"



- ❖ He will be canonised on May 5 of 2022 by Pope Francis at the St Peter's Basilica in Vatican.
- ❖ He will become the first Indian layman - a non-ordained member of the Church - to be conferred sainthood.
- ❖ He will be the first saint from Tamilnadu.
- ❖ Vatican, fully surrounded by Rome in Italy, is the headquarters of the Roman Catholic Church.



First time in history

Devasahayam Pillai from Kanyakumari, who converted from Hinduism to Christianity, will be canonized by the Pope

Vinisha Umashankar



- ❖ She was recognized as the Earth Day Network Rising Star 2021 (USA) for her idea of 'Solar Ironing Cart' at the COP 26 climate talks at Glasgow, Scotland.
- ❖ She is a 15-year-old teenage girl from Tamil Nadu, India.
- ❖ The mobile ironing cart uses solar panels to power a steam iron box.
- ❖ She received the Dr APJ Abdul Kalam IGNITE Awards instituted by National Innovation Foundation (NIF) – India, an autonomous body of the Department of Science and Technology.



25 percent reservation in Anganwadi workers

- ❖ As per the Tamilnadu Government order, priority will be given for widows and deserted women for 25 per cent jobs in anganwadi workers, mini-workers and helpers.
- ❖ Already the practice of giving priority for widows and deserted women is in place for workers of noon-meals scheme.
- ❖ The rules for appointing workers for anganwadis was framed in 2012.

V. Thiruppugazh



- ❖ Retired IAS officer V. Thiruppugazh has been appointed by the DMK government to lead an advisory panel on mitigation and management of flood risk in the city.
- ❖ He served in Gujarat under the then Chief Minister Narendra Modi and also in the National Disaster Management Authority (NDMA) under the Prime Minister.
- ❖ Mr Thiruppugazh, while in the NDMA, led a team to visit Chennai and Kancheepuram in June 2017.
- ❖ His team's findings were part of the report published by the NDMA titled 'Tamil Nadu Floods - Lessons Learnt & Best Practices.'

E-mail IDs for every State Government Employee

- ❖ The State Government of Tamil Nadu had earlier announced in the Legislative Assembly, individual e-mail IDs will be provided to every State Government Employee.
- ❖ To implement this proposal, the State Government of Tamil Nadu has released the relevant Government Order.
- ❖ As per this order, every individual Tamil Nadu State Government Employee will be given an individual e-mail ID within 3 years.



Valimai cement

- ❖ Tamil Nadu Chief Minister M.K. Stalin launched 'Valimai' brand cement.
- ❖ It is a new cement brand from Tamil Nadu Cements Corporation Limited (TANCEM).
- ❖ The two varieties of the Valimai cement brand are priced at ₹350 and ₹365 a bag.



India's first Food Security Museum - Thanjavur

- ❖ The Food Security Museum showcases,
 - The evolution of man from nomadic hunter groups into settled agriculture procedures
 - Ancient global & indigenous grain storage methods,
 - Challenges in storage
 - Journey of food grains from farm to plate through FCI.
- ❖ The museum has been co-developed by the Food Corporation of India (FCI) and Visvesvaraya Industrial & Technological Museums, Bengaluru.
- ❖ Thanjavur is the birthplace of FCI.
- ❖ The first office of FCI was inaugurated there on January 14, 1965.



Mission on the sustainable green cover in farmlands

- ❖ Chief Minister M.K. Stalin launched the Tamil Nadu Mission on Sustainable Green Cover in Farm Lands.
- ❖ Under this over 73 lakh high-value tree saplings.
- ❖ Teak, red sandal, acacia, vengai, sandal, manjal kadambu, rosewood, malai vembu, mahogany, karumaruthu and poovarasu are among the timber value species that are likely to be distributed to the farmers under this scheme.



FinTech Governing Council



- ❖ The Government of Tamil Nadu has constituted a FinTech Governing Council in a bid to become a global fintech hub.
- ❖ It was set up under the chairmanship of Industries Minister Thangam Thennarasu.



- ❖ Announcement to set up this Council was made in the backdrop of launch of the fintech policy at Investment Conclave.
- ❖ Investment conclave is held in Coimbatore on November 23, 2021.
- ❖ It was presided over by Chief Minister MK Stalin.
- ❖ The Government has already started the implementation of a fintech city in Chennai.

Recent Announcements

- ❖ The Government of Tamil Nadu has declared that the Aadhar number is mandatory for receiving and donating organs.
- ❖ Tamil Nadu government says that the Women separated from their husbands or parents will be recognized as family.
- ❖ With this, they can now avail ration cards.
- ❖ The income limit for providing free sewing machines with electric motor, free brass Iron box and free housing schemes has been raised from Rs 72,000 to Rs 1 lakh.

Mudhalavarin Mgavari

- ❖ The Chief Minister's grievance departments (முதலமைச்சரின் குறைதீர்ப்பு துறைகள்) have been consolidated to form a new department.
- ❖ It is called as Mudhalavarin Mugavari (முதல்வரின் முகவரி).
- ❖ The Government of Tamil Nadu has also announced that Shilpa Prabhakar Satish has been appointed as the new Special Officer of this department.





Nammai kaakkum 48

- ❖ It has been announced that the Tamilnadu government will bear the cost of the first 48 hours of emergency treatment for road accident victims.
- ❖ A program called "Nammai kaakkum 48 - A free Medical Assistance Program for the first 48 hours with life-saving Advanced Emergency treatment to all" will be implemented.

Cemetery workers as frontline workers

- ❖ The Government of Tamil Nadu has announced that the workers in the cemetery will be declared frontline workers.
- ❖ The order was issued in recognition of the work of the cemetery staff who have been fully engaged and employed during the Corona period and also this ensures that special privileges are available to them.

Silambam in sports quota

- ❖ The Tamil Nadu government designated 'Silambam' as one of the games to be included for the 3% sports quota recruitment in government departments and public sector undertakings.
- ❖ The Government of India has also approved the inclusion of silambam under the component of 'Promotion of Inclusiveness through Sports' of the New Khelo India Scheme.

Priority in government employment

- ❖ The Tamil Nadu government has announced that intercaste marriage couples will be given priority in the government employment.
- ❖ The government has also announced that young people who have lost their parents due to the corona epidemic will be given priority in employment.
- ❖ Following this, first-generation graduates and those who have studied in Tamil medium in Tamil Nadu government schools will be given 2nd and 3rd priority respectively.
- ❖ 20% reservation is given to those who have studied in the Tamil medium.

Widows and women deserted by their husbands - Anganwadi

- ❖ A Government Order (GO) allotting 25 percent of jobs in Anganwadis for widows and women deserted by their husbands was passed.



- ❖ The rules for appointing workers for Anganwadis were framed in 2012.
- ❖ Those widows and deserted women who fulfill the criteria will be given priority.
- ❖ Already the practice of giving priority for widows and deserted women is in place for workers of the noon-meals scheme.

Web portals and software

- ❖ Chief Minister M K Stalin inaugurated the two web portals named 'e-Munnetram' and 'IT Nanban' developed by Information Technology Department.
- ❖ He also released two Tamil computing software 'Keezhadi Keyboard' and 'Tamizhi – Tamizhinayam Unicode converter'.
- ❖ The first portal 'e-Munnetram' is a platform that will facilitate review of the progress of all major infrastructure projects of Tamil Nadu.
- ❖ The second one, 'IT Nanban' will allow the state govt to engage with the IT Industry.

Forensic DNA search tool

- ❖ Chief Minister MK Stalin launched the facility and handed it over to the state police chief.
- ❖ Tamil Nadu has become the first State in the country to get its own 'forensic DNA profile search tool'.
- ❖ It was developed by the State Forensic Sciences Department.
- ❖ The tool will come in handy for gathering profiles of victims of human trafficking; identifying missing children; tracking criminals from other States, unidentified bodies, profiles of history-sheeters, and people who die in natural disasters.
- ❖ DNA is one of the 14 wings of the State Forensic Sciences Department.

Tamil Nadu State Policy for Children 2021

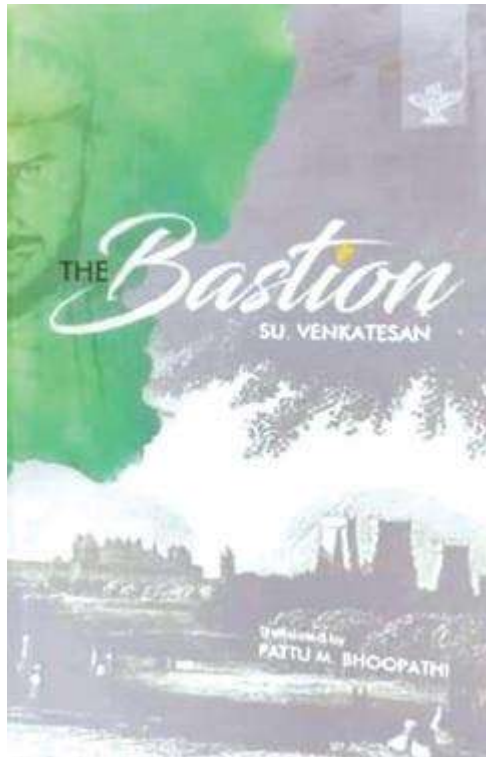
- ❖ Chief Minister MK Stalin released Tamil Nadu's first-ever policy for children.
- ❖ In India, Tamilnadu is the first state to release such a policy.
- ❖ It aims to ensure a safe environment and holistic development for them, including the provision of nutrition, education, healthcare.
- ❖ Tamil Nadu will regularly do a child budget analysis to allocate adequate resources based on the emerging needs of children, assessment of outputs, outcomes, indicators on various aspects that fall within the ambit of this policy.
- ❖ The policy will be revised every five years by reviewing the outcomes and impact achieved in the said period.



Veda Nilayam

- ❖ The Madras High Court set aside an order of the previous AIADMK regime to convert late Tamil Nadu Chief Minister J Jayalithaa's residence as a memorial.
- ❖ The residence is named 'Veda Nilayam'.
- ❖ The property is located at the Poes Garden locality in Chennai.

Kaaval Kottam in English



- ❖ This novel won the Sakithya Akademi award as the best novel in the year 2011.
- ❖ It was written by Su Venkatesan, a writer and a member of the Madurai Parliamentary constituency.
- ❖ The novel about Madurai is currently being published in English under the title 'The Bastion'.
- ❖ Pattu M. Bhoopathi has translated this novel.
- ❖ This translated version has been published by the Sahitya Akademi itself.

NATIONAL

Transport system – awards



- ❖ Surat won the award for the city with the best public transport system.
- ❖ Delhi received the award for best metro passenger services.
- ❖ Kochi was judged the city with the most sustainable transport system.
- ❖ Nagpur’s multi-modal integration with Metro rail was found to be the best in the country.
- ❖ The awards were given out by Housing and Urban Affairs Minister Hardeep Singh Puri during the Urban Mobility India conference.











Samudrayaan

DEEP OCEAN MISSION	
<ul style="list-style-type: none"> ➤ Deep Sea Mining through 'Underwater Vehicles' and 'Underwater Robotics' ➤ Asserting exclusive rights to explore polymetallic nodules from seabed over 75,000 sq km of areas in international water ➤ Estimated polymetallic nodules resource potential: 380 million tonnes (MT) 	<p>THESE POLYMETALLIC NODULES CONTAIN</p> <p>Manganese 92.6 MT</p> <p>Nickel 4.7</p> <p>Copper 4.3</p> <p>Cobalt 1</p> <p>(*figures are rounded off)</p>
<ul style="list-style-type: none"> ➤ Development of ocean climate change advisory services ➤ Technology for sustainable utilisation of marine bio-resources 	<ul style="list-style-type: none"> ➤ Deep ocean survey and exploration ➤ Energy from the ocean and offshore-based desalination ➤ Krill fishery from southern ocean

- ❖ The Union Minister Dr Jitendra Singh has launched the first manned ocean mission of India Samudrayaan at Chennai.
- ❖ With this, India has joined the unique club of countries such as Russia, the United States, France, Japan, and China.
- ❖ The underwater vehicle will help in carrying out the subsea activities.

State Energy Efficiency Index 2020

- ❖ Karnataka has topped the State Energy Efficiency Index 2020 (SEEI).
- ❖ Rajasthan is in the second rank followed by Haryana in the third.
- ❖ Last year i.e in SEEI 2019 ranking, Rajasthan was on top.
- ❖ The State Energy Efficiency Index is released by the Bureau of Energy Efficiency (BEE) and the Alliance for an Energy-Efficient Economy (AEEE).
- ❖ The State Energy Efficiency Index (SEEI) 2020 was released under the Ministry of Power.

GOOD SHOW		
STATES AND SCORE		
Karnataka	70	
Rajasthan	61	
Haryana	59.5	
Punjab	58	
Maharashtra	57.5	
Kerala	53	
Tamil Nadu	51.5	
Andhra Pradesh	50.5	
Uttar Pradesh	35.5	
Gujarat	34	

Project Mumkin

**LT GOVERNOR DEDICATES
CUSTOMIZED LIVELIHOOD
PROGRAMME "MUMKIN"
FOR TRANSPORT SECTOR
TO YOUTH**





- ❖ Ashok Leyland reinforced its commitment towards the youth under the Jammu and Kashmir administration's 'Project Mumkin'.
- ❖ This is done by providing them with a fleet of 500 small commercial vehicles named 'Dost'.
- ❖ The partnership between the company and the Jammu and Kashmir administration will encourage entrepreneurship among the youth.

MK 54 torpedo

- ❖ The Defence Ministry has signed a Rs 423-crore contract with the United States.
- ❖ This is for procurement of MK 54 torpedo to equip its P-81 maritime surveillance aircraft with anti-submarine capability.
- ❖ Co-developed by Raytheon Integrated Defense Systems, the MK 54 is designed to operate in shallow waters.



INS Tushil

- ❖ INS Tushil, the 7th Indian Navy Frigate of P1135.6 class was at Yantar Shipyard, Kaliningrad, Russia.
- ❖ The ship was named the 'Tushil' which is a Sanskrit word meaning 'Protector Shield'.
- ❖ The ship has been designed to work with Ukraine-made gas turbines.
- ❖ The ship has also been equipped with stealth technology in terms of underwater noise signatures and low radar.

Three member expert committee - Pegasus spyware

- ❖ The Supreme Court ordered the constitution of a three-member expert committee to probe targeted surveillance of journalists, politicians using Pegasus spyware.
- ❖ The court has asked the expert committee to examine the allegations thoroughly and place the report before the court.
- ❖ The three-member committee will be headed by retired Supreme Court judge Justice RV Raveendran and the other two members include 1976 batch IPS officer Alok Joshi and Dr Sundeep Oberoi.

Gati Shakti Express

Introducing Gati Shakti Express Economy AC Coaches Train

- Economy AC Coaches
- Enhanced Capacity Per Coach
- Reduced Fare
- 10 Trips have been Planned between Anand Vihar (T) - Patna Jn

The trips are planned from Anand Vihar (T) on 29th, 31st October, 2nd, 5th, 7th November & from Patna Jn on 30th October, 1st, 3rd, 6th, 7th November to cater to Diwali and Chhath Puja Passengers

Train No.: 01684		STATIONS	Train No.: 01683	
ARR.	DEP.		ARR.	DEP.
---	23:10	ANAND VIHAR (T)	09:50	---
05:55	06:00	KANPUR CENTRAL	03:00	03:05
09:05	09:10	PRAYAGRAJ JN	00:05	00:10
11:55	12:05	VARANASI	21:10	21:20
12:55	13:05	PT. DEEN DAYAL UPADHYAYA	20:15	20:25
15:15	15:20	DANAPUR	18:05	18:10
15:45	---	PATNA JN	---	17:45

www.indianrailways.gov.in

Please join us on 

- ❖ Indian Railway has introduced a special train 01684/01683 called Gati Shakti Express.
- ❖ This is to ease the extra rush of passengers during festive seasons like Diwali and Chhath Puja.
- ❖ The train will run between Anand Vihar Terminal-Patna-Anand Vihar Terminal.
- ❖ The special train comprises of 20 new 3 AC Economy coaches.



Chennai-Mysore-Chennai Shatabdi Express

- ❖ This train has become the first Integrated Management Systems (IMS) certified train of the Southern Railway.
- ❖ It has also become the first Shatabdi train as well as second mail or express train of Indian Railways to receive this certification.
- ❖ The IMS certificate has been provided for maintenance and better use of environment-friendly resources. The certification will also offer travel comfort.

Suicides among farmworkers

- ❖ The National Crime Records Bureau (NCRB) has released a report on Suicides among farmworkers.
- ❖ The number of agricultural labourers who died by suicide in 2020 was 18% higher than the previous year.
- ❖ Overall, 10,677 people engaged in the farm sector died by suicide in 2020.
- ❖ Landless agricultural labourers, who did not benefit from income support schemes such as PM Kisan, may have faced higher levels of distress during the pandemic.
- ❖ The worst among the States continues to be Maharashtra, with 4,006 suicides in the farm sector, including a 15% increase in farmworker suicides.
- ❖ The other States with a poor record include Karnataka (2016), Andhra Pradesh (889) and Madhya Pradesh (735).
- ❖ Karnataka saw a dismal 43% increase in the number of farmworker suicides in 2020.



Pneumococcal 13-valent Conjugate Vaccine

- ❖ The government has launched a nationwide expansion of Pneumococcal 13 - valent Conjugate Vaccine (PCV).

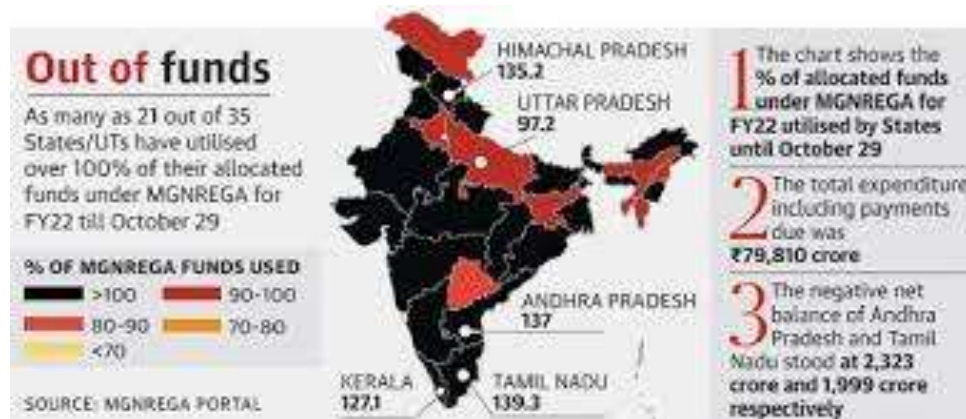


- ❖ This is under the Universal Immunisation Programme (UIP) as a part of 'Azadi ka Amrit Mahotsav'.
- ❖ It was for the first time in the country that PCV would be available for universal use.
- ❖ PCV13 protects against 13 types of bacteria that cause pneumococcal disease.
- ❖ Pneumonia caused by pneumococcus is the most common cause of severe pneumonia in children.
- ❖ Pneumonia was a leading cause of death among children under five, globally and in India.
- ❖ Around 16% of deaths in children occur due to pneumonia in India.

World Reputation Rankings 2021

- ❖ 4 Indian institutes have made it to the Times Higher Education (THE's) World Reputation Rankings 2021.
- ❖ The annual ranking of THE features the top 200 universities based on the votes from leading academics across the globe.
- ❖ Indian Institute of Science, Bengaluru ranked among the top 100 (91-100) has topped the Indian Institutes.
- ❖ The other 3 Indian institutes are the IIT Bombay, the IIT Delhi, and the IIT Madras.
- ❖ Harvard University of the United States of America (USA) has topped the 2021 ranking.
- ❖ Massachusetts Institute of Technology, USA and University of Oxford from the United Kingdom has secured the 2nd and 3rd rank respectively.

MGNREGA - running out of funds





- ❖ According to the financial statement of the “Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) scheme”, it is running out of funds in 21 states.
- ❖ The scheme has run out of funds halfway in the financial year 2021.
- ❖ Supplementary budgetary allocations will not be provided to compensate till the next Parliamentary session starts.
- ❖ Shortage of funds means that payments for MGNREGA workers and material costs will be delayed unless States use their own funds.

Comptroller and Auditor General of India

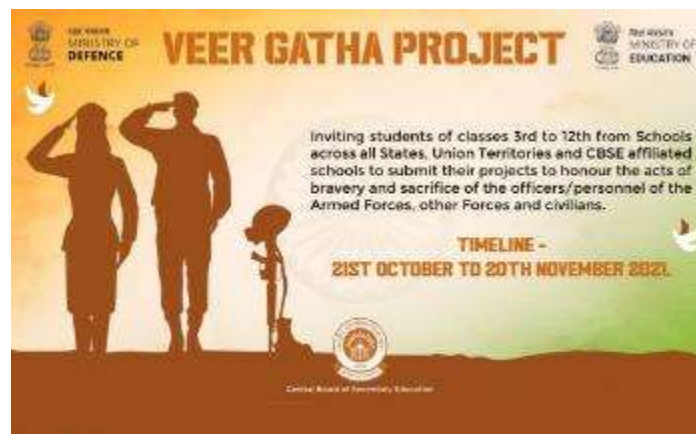
- ❖ Comptroller and Auditor General of India and Auditor General of Maldives have signed a memorandum of understanding to strengthen the audit process of public finance.
- ❖ The MoU also aims at exchanging information in the field of public sector audit between the two countries.

About CAG

- ❖ The Constitution of India provides for an independent office of the Comptroller and Auditor General of India (CAG) in chapter V under Part V.
- ❖ The CAG is mentioned in the Constitution of India under Article 148 – 151.

Veer Gatha project

- ❖ The CBSE launches Veer Gatha project.
- ❖ Schools have been asked to prepare projects and engage in activities based on the Gallantry Award winners.
- ❖ The Veer Gatha project aims to raise awareness about the brave acts and sacrifices of the Gallantry Award winners among school students.





Climate Equity Monitor

- ❖ Climate Equity Monitor is an online dashboard that went live recently.
- ❖ India's Climate Equity Monitor (CEM) will assess equity in climate action, inequalities in emissions, energy & resource consumption across the world, and ongoing climate policies of several countries.
- ❖ This will encourage a vigorous discussion on this crucial issue and engage experts from all countries.

NCLAT Chairperson – Ashok Bhushan

- ❖ The Centre has appointed former Supreme Court Judge Justice Ashok Bhushan as the new Chairperson of the National Company Law Appellate Tribunal (NCLAT).
- ❖ He was the former Chief Justice of Kerala High Court.
- ❖ NCLAT was formed by the government under Section 410 of the Companies Act, 2013.



November 01

INDIAN STATE FOUNDATION DAY
1 November

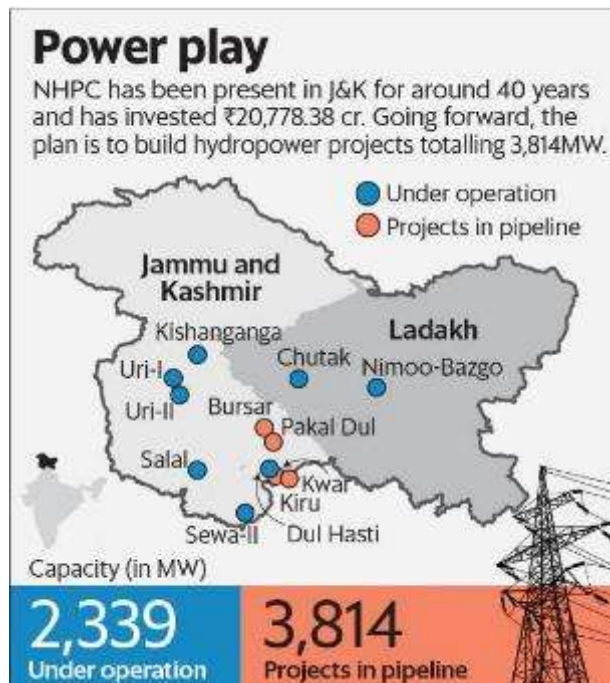
- ❖ In India, seven states namely, Andhra Pradesh, Haryana, Chhattisgarh, Kerala, Karnataka, Punjab & Madhya Pradesh and two union territories Lakshadweep & Puducherry are celebrating Foundation Day on November 1, 2021.

- ❖ Earlier, Tamil Nadu also used to celebrate its foundation day on November 1.
- ❖ On October 30, 2021, the ruling DMK in Tamil Nadu announced that Tamil Nadu Formation Day will be celebrated on July 18.
- ❖ In Karnataka, this day is celebrated as “Rajyotsav”.

Dairy Sahakar Scheme

- ❖ The Union Minister of Cooperation Amit Shah launched the “Dairy Sahakar” scheme of the National Cooperative Development Corporation (NCDC).
- ❖ The overall objectives of the Dairy Sahakar scheme are
 - Doubling the farmers’ income and
 - Atma nirbhar Bharat.
- ❖ Dairy Sahakar with a total investment of Rs. 5000 crores will be implemented to realize the vision, “from cooperation to prosperity”

Pakal Dul Hydro Electric Project



- ❖ The Union Minister of Power, New & Renewable Energy R.K. Singh inaugurated the Diversion of Marusudar River of Pakal Dul Hydro Electric Project.
- ❖ This project is located in Kishtwar district of Jammu & Kashmir.
- ❖ Pakal Dul Project will help in fulfilling the target of 450 GW Renewable energy by 2030.

- ❖ Pakal Dul Project is a 1000 MW project.
- ❖ It is being constructed by Chenab Valley Power Projects Ltd.

Blue Flag 2021

- ❖ A total of 84 Indian Air Force (IAF) personnel took part in the international multilateral combat exercise Blue Flag 2021, along with IAF's Mirage 2000 aircraft squadron at Israel's Ovda Airbase.
- ❖ The theme of Blue Flag 2021 is Integration of fourth and fifth-generation aircraft in complex operational scenarios.
- ❖ The exercise involves Air Force missions from 8 countries.
- ❖ The other seven countries that have participated in the exercise include the US, UK, Germany, France, Italy, Greece, and Israel.



Bharat Biotech's Covaxin for emergency use



- ❖ Bharat Biotech's Covaxin has got WHO approval for emergency use listing for 18 years and above.



- ❖ Covaxin is a vaccine, completely ‘made in India’.
- ❖ It is made by Hyderabad-based Bharat Biotech and the Indian Council of Medical Research.
- ❖ The World Health Organisation has so far approved Covid-19 vaccines of Pfizer-BioNTech, AstraZeneca-SK Bio/Serum Institute of India, Johnson 7 Johnson – Janssen, Moderna, and Sinopharm for emergency use.

Mission Ganga - Guinness Book of World Records



- ❖ On the first day of Ganga Utsav (The River Festival 2021), National Mission for Clean Ganga (NMCG) got registered in the Guinness Book of World Records.
- ❖ It was registered in the Guinness Book because of the number of photos of handwritten notes that were uploaded on Facebook in an hour.
- ❖ The Ganga Utsav event was organised to raise awareness on Ganga rejuvenation as well as to provide impetus to the reach of the event.

Note

- ❖ The 5th edition of Ganga Utsav virtually started with fun and festivities.
- ❖ This year, Ganga Utsav was celebrated from 1st to 3rd November.
- ❖ The Ganga Utsav is celebrated across the banks of the river.
- ❖ For instance, in Prayagraj, it is celebrated at the confluence of River Ganga & River Yamuna.
- ❖ In Ujjain, it is celebrated on River Shipra.

Anti-terror agency in J&K

- ❖ The J&K Government has set up a new State Investigation Agency (SIA) for “speedy and effective investigation and prosecution of militancy-related cases in the Union Territory”.



- ❖ The SIA will be a nodal agency for coordinating with the National Investigation Agency (NIA) and other Central agencies.
- ❖ The head of the CID wing shall be the ex-officio Director of the SIA.

Ganga Atlas

- ❖ Gajendra Singh Shekhawat launched the 'Ganga Atlas: River of the Past'.
- ❖ It was developed by Prof Rajiv Sinha, IIT Kanpur, Uttar Pradesh (UP).
- ❖ It documents the changes in River Ganga over the past 5-6 decades.

Bhasha Sangam Initiative

- ❖ The Union Minister of Education and Skill Development, Dharmendra Pradhan launched the 'Bhasha Sangam Initiative' for school, 'Bhasha Sangam Mobile App' and 'Ek Bharat Shreshtha Bharat (EBSB) Quiz App'.
- ❖ The objective is to make Students acquire basic conversational proficiency in Indian Languages, other than their mother tongue, as per the agenda of National Education Policy 2020.
- ❖ It was launched on the occasion of 'Rashtriya Ekta Diwas'.



PM Modi in Kedarnath

- ❖ PM Modi inaugurated the reconstructed Shri Adi Shankaracharya Samadhi (final resting place) at the premises of the Kedarnath Temple in Rudra prayag district of Uttarakhand.



- ❖ He also unveiled the statue of Shri Adi Shankaracharya at the Samadhi.
- ❖ The Samadhi was damaged in the 2013 Kedarnath flood.



Guided-Missile Destroyer 'Visakhapatnam'

- ❖ The Indian Navy received its first P15B stealth guided-missile destroyer from Mazagon Dock Shipbuilders.
- ❖ The Project 15B ships are a follow-on of the Kolkata-class destroyers (Project 15A).
- ❖ These are also known as the Visakhapatnam-class destroyers.

Edelgive Hurun India Philanthropy List 2021

- ❖ Hurun India and EdelGive have jointly released this list.
- ❖ The list was topped by Azim Premji, the founder chairman of Wipro.
- ❖ HCL's Shiv Nadar once again retained the second spot on the list.
- ❖ Mukesh Ambani, the chairman of Reliance Industries, and his family occupied the third spot on the philanthropy list.



Health Insurance for India's Missing Middle

- ❖ NITI Aayog has recently released a report titled, 'Health Insurance for India's Missing Middle'.
- ❖ Here it has reported that 40 crore 'missing middle' has no financial protection for health.
- ❖ The 'missing middle' is a broad category that lacks health insurance, positioned between the deprived poorer sections, and the relatively well-off organized sector.



International One Health Day




- ❖ The day is observed on November 03.
- ❖ The Department of Animal Husbandry and Dairying, Government of India organized a Stakeholder Forum on the theme 'Industry and One Health' to celebrate the 6th International One Health Day.
- ❖ This is organized as part of Azadi Ka Amrit Mahotsav.
- ❖ The day aims to highlight interdisciplinary and transdisciplinary engagements as well as multisectoral collaboration as aspects crucial to the implementation of the One Health concept.



India to Reach Carbon Neutrality by 2070

- ❖ Recently, India announced that it will reach carbon neutrality by 2070 as part of a five-point action plan that included reducing emissions to 50% by 2030.

- ❖ India made this pledge at the Conference of the Parties (COP) 26 climate summit in Glasgow, Scotland.
- ❖ It also urged developed countries to deliver on their promise of climate financing.

<p>PM MAKES FIVE PLEDGES</p> <ol style="list-style-type: none"> 1 India will increase its non-fossil energy capacity to 500GW by 2030 2 India will meet 50% of its energy requirements from renewable energy by 2030 3 India will reduce the total projected carbon emissions by one billion tonnes from now to 2030 4 By 2030, India will reduce the carbon intensity of its economy by 45% (from a previous target of 35%) 5 By 2070, India will achieve the target of net zero 	<p>WHAT IS NET ZERO?</p> <p>Net zero refers to a balance where emissions of greenhouse gases are offset by the absorption of an equivalent amount from the atmosphere. Experts see net zero targets as a critical measure to successfully tackle climate change and its devastating consequences</p>
<p>PLEDGES BY TOP THREE EMITTERS</p> <p> CHINA: Beijing announced no new pledges on Monday. It previously pledged net zero by 2060.</p> <p> UNITED STATES: The US touted domestic legislation to spend \$555bn to boost renewable power and electric vehicles. It has pledged net zero by 2050.</p> <p> INDIA: The country's economy will become carbon neutral by the year 2070</p>	

ZyCoV-D

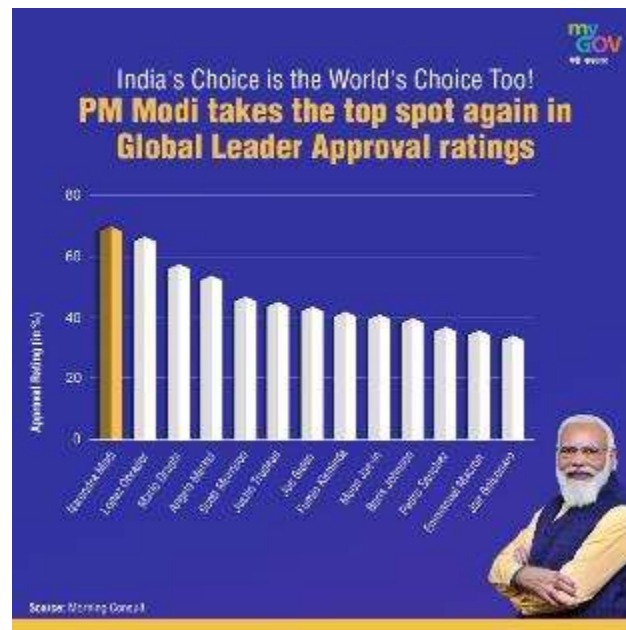


- ❖ The central government has placed an order of one crore doses of Zydus Cadila's three-dose COVID-19 vaccines, ZyCoV-D, at Rs 265 per dose.
- ❖ ZyCoV-D is the first DNA plasmid vaccine in the world for human use.
- ❖ The vaccine will be administered using a needle-free applicator as opposed to traditional syringes.
- ❖ The applicator is called "Pharma Jet".
- ❖ The three doses of ZyCoV-D are to be administered 28 days apart.

Kadar Tribe

- ❖ Some families of the Kadar tribe have got Pattas for homestead inside the Anaimalai Tiger Reserve (ATR).
- ❖ Kadar is a small tribe of southern India residing along the hilly border between Cochin in Kerala and Coimbatore in Tamil Nādu.
- ❖ Kadars are one of the five primitive tribal groups in Kerala, where they constitute nearly 5% of the State's total tribal population.
- ❖ They speak the Dravidian languages of Tamil and Kannada.
- ❖ The Kadar tribe has been listed as a Particularly Vulnerable Tribal Groups (PVTG) in Kerala, but not in Tamil Nadu.
- ❖ A tribe listed in the PVTG allows the tribe to have habitat rights under the Forest Rights Act 2006.

Global leader approval ratings



- ❖ Prime Minister Narendra Modi has emerged at the top of the global leader approval ratings by the Morning Consult.
- ❖ He sits at the top of the list with a 70 per cent approval rating.
- ❖ Modi received the maximum approval among adults across the world.
- ❖ Mexican President Andrés Manuel López Obrador stood at second place.
- ❖ He was followed by Italian Prime Minister Mario Draghi (58 per cent).
- ❖ US President Joe Biden lies at the sixth spot.



Srinagar airport - “major airport”

- ❖ The Union Ministry of Civil Aviation declared the Srinagar airport as a “major airport” under the Airports Economic Regulatory Authority Act, 2008 (AERA).
- ❖ The move will allow the AERA to determine the tariff, including the development fee and passenger service fee, for aeronautical services at the Srinagar airport.
- ❖ The Centre designates an airport as a major airport if it crosses a particular volume of annual passenger traffic.
- ❖ Previously, the Airports Authority of India would determine the traffic for Srinagar airport.
- ❖ The Airports Authority of India is a body under the Ministry of Civil Aviation.

India Green Guarantee

- ❖ The UK will provide an “India Green Guarantee” to the World Bank.
- ❖ It is to unlock an additional 750 million pounds for green projects across India.
- ❖ This was announced at the COP26 summit in Glasgow, Scotland.
- ❖ The green guarantee financing will support clean and resilient infrastructure in sectors such as clean energy, transport and urban development.
- ❖ The “Clean Green Initiative” was also launched at COP26 to help developing countries take advantage of green technology and grow their economies sustainably.

\$1 trillion Climate finance

- ❖ India said that climate finance cannot continue at the levels decided in 2009.
- ❖ It emphasised that it should be at least \$1 trillion to meet the goals of addressing climate change.
- ❖ This was said at the Ministerial meeting of Like-Minded Developing Countries (LMDC) at the 26th international climate conference in Glasgow, Scotland.

Electric vehicle charging stations

- ❖ The State-run refiners have announced plans to build thousands of electric vehicle (EV) charging stations to aid the country's net-zero carbon target by 2070.
- ❖ Indian Oil Corporation (IOC) will set up 10,000 electric vehicle charging stations in the next three years.
- ❖ It is also drawing up plans to cut greenhouse gas emissions from its operations.



- ❖ Bharat Petroleum also announced a plan to provide EV charging infrastructure at its 7,000 fuel stations in the next few years.
- ❖ In September 2021, Hindustan Petroleum Corporation announced a plan to set up 5,000 EV charging stations in the country in three years.

Malnourished children in India

- ❖ According to the Women and Child Ministry, there are more than 33 lakh malnourished children in India.
- ❖ The Ministry further notes that more than half of the children are in the severely malnourished category.
- ❖ This figure was reported from the Poshan tracker.
- ❖ Maharashtra, Bihar and Gujarat are topping the list.

LEADS 2021 index

TOP 10 STATES		
	2019	2021
Gujarat	1	1
Haryana	6	2
Punjab	2	3
Tamil Nadu	5	4
Maharashtra	4	5
Uttar Pradesh	13	6
Odisha	10	7
Karnataka	7	8
Andhra Pradesh	3	9
Telangana	8	10

Source: Leads index of logistics, released by commerce and industry ministry

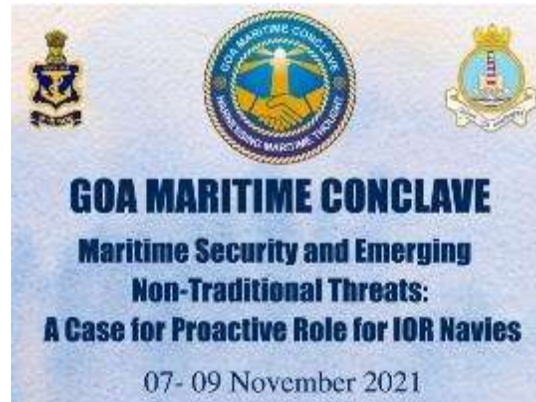
- ❖ Gujarat has retained its position as the top performer among 21 states in the LEADS (Logistics Ease Across Different States) 2021 index.
- ❖ It is followed by Haryana, Punjab, Tamilnadu.
- ❖ LEADS 2021 is the 3rd edition of the LEADS report (1st -2018; 2nd – 2019).
- ❖ It includes the methodologies to identify the logistics infrastructure and services across India.
- ❖ The LEADS 2021 Index ranks are presented in 3 separate categories namely States, North Eastern States and Himalayan Union Territories (UTs) and Other UTs.



Note

- ❖ India is the world's 5th-largest economy in terms of nominal GDP and among the fastest-growing major economy worldwide.

Goa Maritime Conclave



- ❖ The third edition of the annual Goa Maritime Conclave (GMC-21) started in Goa.
- ❖ In the conclave, India will be host to the Navy chiefs of 12 nations of the Indian Ocean Region.
- ❖ Chief of the Naval Staff Admiral Karambir Singh would chair the conclave.
- ❖ They will discuss the significance of interoperability for effectively dealing with emerging & future maritime security challenges in the Indian Ocean Region.
- ❖ The theme of GMC 2021 is “Maritime Security and Emerging Non-Traditional Threats: A case for proactive role for Indian Ocean Region”.

Ganga Mashaal

- ❖ The Ganga Mashaal started its journey, formally from Rishikesh and Haridwar in Uttarakhand.
- ❖ Mashaal will travel to a total of 23 stations along river Ganga.
- ❖ It will help in the sensitization of local people and Namami Gange volunteers.
- ❖ Mashaal is being carried by the brave men of the Ganga Task Force (GTF).
- ❖ The journey will end up at Ganga Sagar in West Bengal.

Tele-Law on Wheels campaign

- ❖ The Department of Justice launched the week-long “Tele-Law on Wheels” campaign.
- ❖ The campaign will run from November 8 to November 14 in this year of 2021.



- ❖ Under this campaign, several activities are being undertaken for empowering people by pre-litigation advice in order to rightfully claim their entitlements and timely redressal of their difficulties.
- ❖ This one week is dedicated to ensure the “Justice for All by digital legal empowerment” of the needy people.

Mentorship Programme for Young Innovators

- ❖ The Union Minister Dr Jitendra Singh launched the first-ever Mentorship programme.
- ❖ The mentorship programme was launched for Young Innovators for marking the 75th Year of India’s independence.
- ❖ This mentorship programme will help in promoting scientific temper among the masses, by strengthening scientific research & innovation efforts in India.
- ❖ The programme is a pan India Scheme, which envisages Star College in every district supported by the Department of Biotechnology (DBT).

Legal Metrology (Packaged Commodities) Rules, 2011

- ❖ The Union Ministry of Consumer Affairs has amended the Legal Metrology (Packaged Commodities) Rules, 2011.
- ❖ With this, companies are now required to print ‘unit sale price’ on packaged commodities.
- ❖ The new amendment will be applicable from April 2022.
- ❖ With this move, it will be easier for consumers to find the cost in unit terms.
- ❖ Under the amendment, companies that are selling packaged commodities with a quantity of more than one kilogram are required to print ‘unit sale price’ per kg along with its maximum retail price (MRP).

UNESCO Creative Cities Network



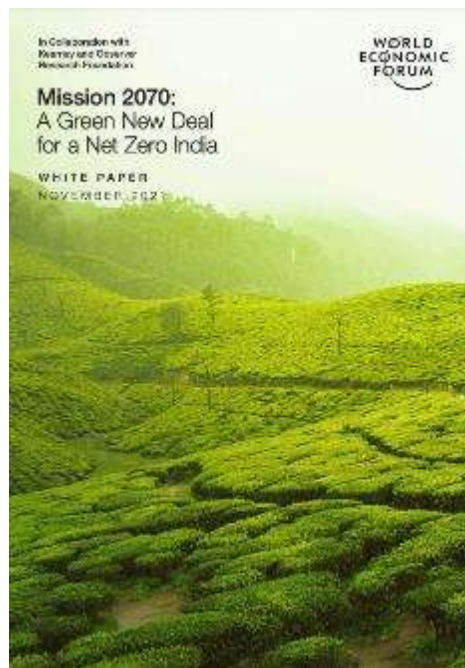


- ❖ 49 new cities worldwide have joined the UNESCO Creative Cities Network (UCCN).
- ❖ Srinagar has joined UNESCO's network of creative cities.
- ❖ UNESCO has designated Srinagar as a creative city of craft and folk arts.

Cities already in this network

- ❖ Chennai and Varanasi are included in UNESCO Cities of music.
- ❖ Jaipur is included in UNESCO city of crafts and folk arts.
- ❖ Mumbai is included in UNESCO city of film.
- ❖ Hyderabad is included in the UNESCO City of gastronomy.

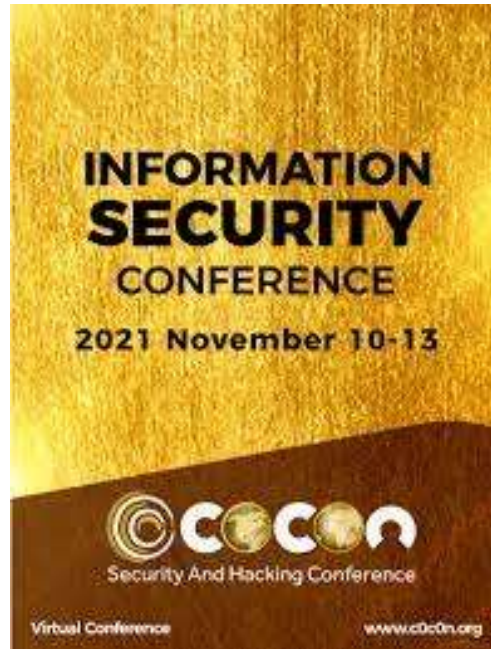
World Economic Forum - New report



- ❖ The World Economic Forum published its report titled “Mission 2070: A Green New Deal for a Net-Zero India” to provide a roadmap for India’s energy transition.
- ❖ The report was published in the backdrop of India’s target to achieve net-zero emissions by 2070.
- ❖ The report highlights that India’s transition towards a green economy could contribute about \$1 trillion in economic impact by 2030.
- ❖ It will create more than 50 million jobs.
- ❖ The economic impact would increase to \$15 trillion by 2070.
- ❖ India is on the frontline of climate change.
- ❖ More Indians are exposed to the negative effects of climate change and extreme weather events as compared to other nationalities.



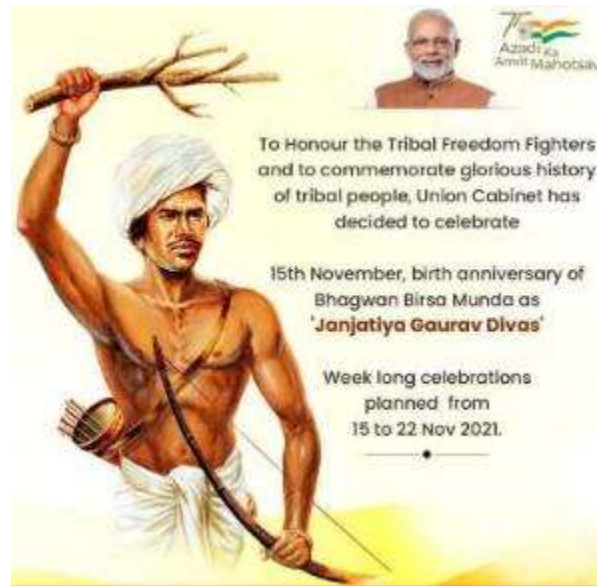
14th edition of 'c0c0n'



- ❖ The Chief of Defence Staff, General Bipin Rawat inaugurates the 14th edition of 'c0c0n'.
- ❖ It is an annual Hacking and Cyber Security Briefing which is held virtually from Nov 10-13.
- ❖ The conference, will be conducted by the Kerala Police in association with two non-profit organisations.
- ❖ The conference would primarily discuss online scams and defences during the lockdown period.
- ❖ The theme of this year's 'c0c0n' is *Improvise, Adapt and Overcome*.

Janjatiya Gaurav Diwas - November 15

- ❖ Centre approves declaration of Birsa Munda's birth anniversary as 'Janjatiya Gaurav Diwas'.
- ❖ Birsa Munda, who belonged to the Munda tribe, was born on November 15 in 1875.
- ❖ During the British rule in the late 19th century, he spearheaded an Indian tribal religious Millenarian movement across the tribal belt of modern-day Bihar and Jharkhand.
- ❖ His birth anniversary is celebrated as Birsa Munda Jayanti in the country and coincides with the Jharkhand Foundation Day.



Israel – DRDO agreement

- ❖ The Indian Defence Research and Development Organisation and the Directorate of Defence Research and Development, Israel entered into a Bilateral Innovation Agreement recently.
- ❖ The Agreement aims at promoting innovation and accelerated Research and Development in startups and MSMEs of both nations for the development of dual-use technologies.
- ❖ Startups and industries of both countries will work together to bring out the next-generation technologies and products in the areas such as Robotics, Drones, Quantum Technology, Artificial Intelligence etc.

BOOST TO STRATEGIC TIES

Israel among top 4 arms suppliers to India (apart from Russia, US & France). Annual sales worth over \$1 billion

MISSILE DEFENCE: 3 joint DRDO-Israeli Aerospace Industries projects underway for Barak-8 surface-to-air missile systems for Navy (initial cost Rs 2,606 crore), IAF (Rs 10,076 crore) & Army (Rs 15,830 crore)

DRONES: Over 100 Israeli UAVs, from Heron & Searcher-II surveillance & precision-targeting drones to Harop 'killer' drones, inducted. Rs 3,500-crore Project Cheetah to fit Heron drones with missiles in pipeline

RADARS: Israeli radars, from Aerostat to Green Pine radars, inducted. Now, acquiring 56 air defence fire control radars for Rs 4,577 crore

AWACS: Impending deal for 2 Phalcon AWACS for over \$1.5 billion. 3 Phalcon AWACS, mounted on IL-76 aircraft, earlier inducted under \$1.1 billion deal

MISSILES & BOMBS: Inductions range from Spyder quick-reaction anti-aircraft missiles, Python & Derby air-to-air missiles to Crystal Maze PGMs and Suico-2000 bombs



HARBINGER 2021

- ❖ Reserve Bank of India (RBI) is set to organise its first global hackathon called 'HARBINGER 2021–Innovation for Transformation'.
- ❖ It focuses on digital payments.
- ❖ It will be organised under the theme of 'Smarter Digital Payments'.



Top Aspirational Districts in Education Sector

- ❖ NITI Aayog has announced the top five aspirational districts in the education sector.
- ❖ It has ranked the most improved aspirational districts in the education sector for September month.
- ❖ As per NITI Aayog's delta rankings in the education sector, Bhoopalpalli in Telangana has topped.
- ❖ Bhoopalpalli is followed by,
 - Chatra & Sahibganj in Jharkhand
 - Nuapada in Odisha and
 - Jaisalmer in Rajasthan.

INS Vela

- ❖ INS Vela was delivered to the Indian Navy after more than two years of sea trials.
- ❖ This is the country's fourth Scorpene-class submarine.
- ❖ INS Vela is known to have advanced stealth and combat capabilities when it comes to engaging with the enemy.
- ❖ The diesel-electric submarine was built under Project 75 by Mazagon Dock Shipbuilders Limited (MDL) in Mumbai.
- ❖ The fifth one, INS Vagir, was launched in November 2020 and has commenced harbour trials.

- ❖ It is expected to go for its maiden surface sortie in December 2021.
- ❖ The sixth submarine, INS Vagsheer, is in the advanced stage of outfitting.



51st Governors' Conference



- ❖ President Ram Nath Kovind chaired the 51st Conference of Governors and Lieutenant Governors at Rashtrapati Bhavan, Delhi.
- ❖ This was the fourth such conference to be presided over by President Kovind.

New Director-Generals

- ❖ The Special Director in the Intelligence Bureau Sheel Vardhan Singh has been appointed as the new Director General of the Central Industrial Security Force.
- ❖ The National Police Academy Director Atul Karwal has been appointed as the new Director General of the National Disaster Response Force.
- ❖ The Indian Police Service (IPS) officer Satya Narayan Pradhan has been appointed as the Director-General of Narcotics Control Bureau (NCB).



- ❖ The Appointments Committee of the Cabinet has approved these.



MPLAD Scheme

Dire straits

Spending under MPLADS had already halved before the government suspended the scheme for two years on April 6, 2020 and diverted the funds to manage COVID-19

- On March 16, 2021, the Standing Committee on Finance (SCF) seeks funds to finish ongoing MPLADS projects. Department of Expenditure allots **₹2,200 crore** on the same day
- On March 22, the amount was transferred to Statistics Ministry with a caveat that it be exhausted by March 31
- **₹1,107.5 crore** utilised till March 31; balance of **₹1,092.5 crore** lapses

Unable to comprehend why ₹2,200 crore was allotted barely one week before the end of FY 2020-21
SCF REPORT

- ❖ The Union Cabinet has restored the Members of Parliament Local Area Development Scheme (MPLADS).
- ❖ However, the MPs will get ₹2 crore instead of the annual approved ₹5 crore.
- ❖ It was suspended in April 2020 subsuming the funds for the scheme in the consolidated fund of India.
- ❖ The funds saved from the MPLAD Scheme have been utilised to enhance the allocation of funds for improving health infrastructure, provide free ration under PM Garib Kalyan Yojana, and free vaccination for the people.
- ❖ The MPLADS is a Plan Scheme fully funded by Government of India
- ❖ It was launched in 1993.

Digital Payment Gateway

- ❖ The National Internet Exchange of India (NIXI) has launched this gateway.
- ❖ NIXI is a non-profit firm under the aegis of the Ministry of Electronics and Information Technology (MeitY).
- ❖ It is for spreading internet technology to the citizens of India since 2003.



Delhi Declaration on Afghanistan

- ❖ It was a third regional security summit on Afghanistan hosted by India.
- ❖ The summit was attended by eight nations.
- ❖ It includes India, Russia, Iran, Uzbekistan, Kazakhstan, Kyrgyzstan, Tajikistan and Turkmenistan.
- ❖ It was announced that Afghanistan & its territories cannot be used to shelter or train terrorists, or to finance any act of terrorism.



Ayushman Bharat-Digital Mission

- ❖ The Union Health Ministry has launched digital registration of all medical facilities and all doctors under the Ayushman Bharat-Digital Mission in order to digitise health records.
- ❖ Under this initiative, the government hospitals have been asked to procure Hospital Information Management System software.



- ❖ Under this mission, every Indian will be provided a unique health ID.
- ❖ The Citizens would be able to access healthcare facilities by a single click.
- ❖ This mission will be implemented by National Health Authority (NHA) under Ministry of Health & Family Welfare.



National Achievement Survey 2021



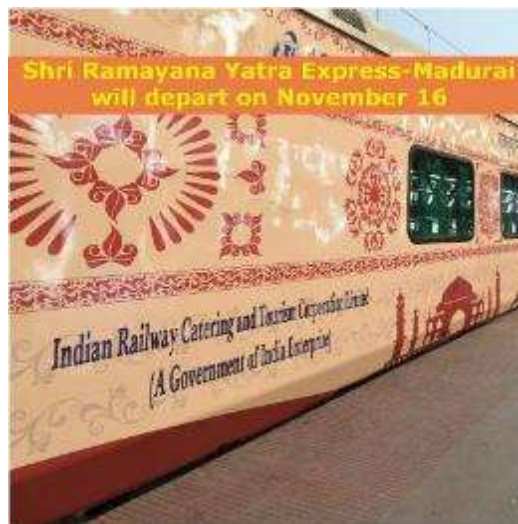
- ❖ The Indian Government is ready to implement sample-based National Achievement Survey (NAS) for Classes 3, 5, 8, and 10 with a cycle period of three years.
- ❖ It is set to cover entire spectrum of schools including Government Schools of Central Government as well as State Government, Government Aided Schools and Private schools across India.
- ❖ Previous one survey was carried in 2017.



- ❖ This survey will help in assessing the learning interruptions and new learnings during covid-19 pandemic.
- ❖ The National Council of Educational Research and Training (NCERT) has done instrument development, testing, sampling of the schools and finalization of the test items.
- ❖ But actual administration of the test in sampled schools will be done by the Central Board of Secondary Education (CBSE).

Shri Ramayana Yatra Special train

- ❖ The Indian Railway Catering and Tourism Corporation (IRCTC) has started first tour of Shri Ramayana Yatra Special train.
- ❖ It was launched in order to promote religious tourism and 'Dekho Apna Desh' initiative of the central government.
- ❖ The train will cover the destinations including- "Hampi – Nasik – Chitrakut Dham – Varanasi – Gaya – Sitamarhi – Janakpur (Nepal) – Ayodhya – Nandigram – Prayagraj – Shringaverpur" in that order.
- ❖ It covers prominent places related with Lord Ram's life.



Rezang La War memorial

- ❖ The Indian Army revamped Rezang La War memorial in Ladakh.
- ❖ It is visible from the other side of the Line of Actual Control (LAC).
- ❖ Rezang La was the site of a major battle between India-China war in 1962.
- ❖ Rezang La is a mountain pass on the Line of Actual Control between the Indian-administered Ladakh and the Chinese administered Spanggur Lake basin.



First centre for excellence

- ❖ The country's first centre for excellence in research on Drone Technology and Artificial Intelligence, was inaugurated by Guwahati, Assam.
- ❖ It was inaugurated by Union minister V K Singh at Indian Institute of Technology of Guwahati.



KGB kavacham



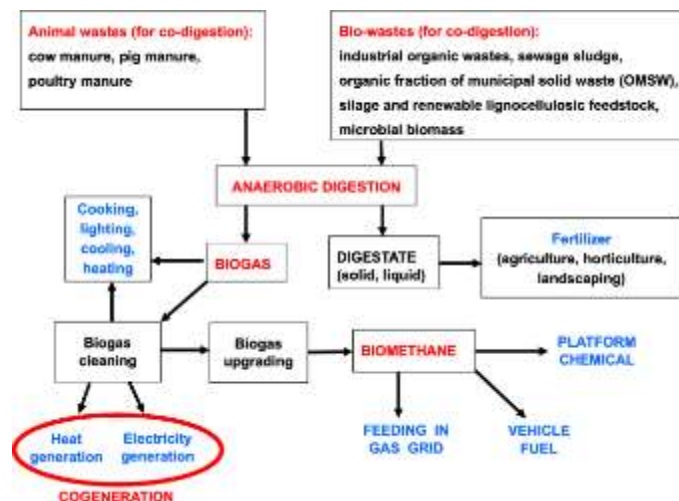
- ❖ It was introduced by the Malappuram-headquartered Kerala Gramin Bank (KGB).
- ❖ It offers higher interest on deposits to people who have taken a single or double dose of Covid-19 vaccine.
- ❖ It is intended to motivate people to get vaccinated.
- ❖ This is for the first time in India a rural bank is drumming up support for the government's vaccination campaign.

Nutrition Smart Village



- ❖ It was launched by the Union Agriculture Minister Narendra Singh Tomar.
- ❖ The programme aims to reach 75 villages in India.
- ❖ It will promote nutritional awareness in these villages.
- ❖ It aims to promote nutritional awareness and bring behavioural change in the rural areas of the country.
- ❖ The programme targets farm women and school children.

Largest landfill gas-to-compressed biogas plant





- ❖ Hyderabad is now home to India's largest and the World's first landfill gas-to-compressed biogas plant.
- ❖ Ramky Enviro Limited has inaugurated the facility at the Hyderabad Integrated Municipal Solid Waste site.
- ❖ The project converts landfill gas into compressed biogas as an automotive fuel.
- ❖ It offers significant benefits such as carbon sequestration, reduced emissions of GHGs into the environment, and greening of the automotive industry.

Inspiring Regional Leadership award



Under2 Coalition Leadership Awards 2021

**Inspiring Regional
Leadership**

**Winner: Government of Maharashtra,
India**



- ❖ Maharashtra has bagged the inaugural Inspiring Regional Leadership award.
- ❖ It was given at the Under2 Coalition General Assembly that coincided with the United Nations Climate Change Conference (COP26) summit in Glasgow, Scotland.
- ❖ Maharashtra joined the global Under2 Coalition of regional governments for greenhouse gases emissions mitigation in July.
- ❖ It also received "high commendations" in two other categories - Climate Partnerships and Creative Climate Solutions.
- ❖ British Columbia and Québec in Canada won awards in these two categories.
- ❖ The Under2 Coalition is among the largest global network of states and regions committed to climate action.
- ❖ Chhattisgarh, Jammu and Kashmir, Telangana, and Bengal are also part of that coalition.

Technopreneurship Series

- ❖ Kerala Start-up Mission and Cisco LaunchPad Accelerator Program (CLAP) are set to jointly host the pioneering Technopreneurship Series.



- ❖ India Technopreneurship series will be organised for innovators and start-ups in Kerala.
- ❖ It is from November 15 and will conclude on November 19.
- ❖ This initiative will provide a platform for innovation and collaboration in order to enable nascent companies to solve new-age challenges.

Parliament Friendship Association

- ❖ India and Sri Lanka have revived their “Parliamentary Friendship Association”.
- ❖ The Minister Chamal Rajapaksa has been selected as its president.
- ❖ Sri Lanka’s Foreign Minister G.L. Peiris noted the “close civilizational ties” between India & Sri Lanka.
- ❖ He observed that the greatest gift of India to Sri Lanka was Buddhism.
- ❖ This association will help in “reinvigorating” Parliamentary exchanges and strengthening bilateral ties between both countries.
- ❖ Sri Lanka formed the India-Sri Lanka Parliamentary Friendship Group, after deciding to buy fertilizer from India.



Idol of Goddess Annapurna

- ❖ An idol of Goddess Annapurna found in Canada recently is all set to be back at the Kashi Vishwanath Temple in Varanasi.
- ❖ The idol was stolen from Varanasi about 100 years ago.
- ❖ It is 17 cm in height, 9 cm in breadth and 4 cm in thickness.



Shakti 2021

- ❖ The Indian Army conducts its sixth edition of the biennial training exercise with the French Army.
- ❖ India has already conducted joint Naval exercises and Air Force exercises with France earlier in 2021.
- ❖ Shakti 2021 is conducted from November 15 to November 26 in Frejus, France.
- ❖ In the exercise, platoon strength of a Gorkha Rifles Infantry Battalion will participate, representing India.

New Secretary General for Rajya Sabha

- ❖ Pramod Chandra Mody was appointed new Secretary General Rajya Sabha, replacing P.P.K. Ramacharyulu.
- ❖ Ramacharyulu meanwhile has been reassigned as an advisor for one-year term.
- ❖ Ramacharyulu has now been appointed as an advisor in the Rajya Sabha Secretariat.
- ❖ Pramod Chandra Mody is a 1982-batch retired IRS officer and former chairman of the Central Board of Direct Taxes.

Habibganj railway station renamed

- ❖ The "most modern" Habibganj railway station in Bhopal of Madhya Pradesh has been renamed after the Gond queen Rani Kamlapati
- ❖ Rani Kamlapati is the pride of the Gond community and the last Hindu queen of Bhopal.
- ❖ Her kingdom was usurped by Afghan commander Dost Mohammed by deceit.



Indo-Thai CORPAT

- ❖ The 32nd edition of the India-Thailand Coordinated Patrol (Indo-Thai CORPAT) between the Indian Navy and the Royal Thai Navy was conducted.
- ❖ The Indian Naval Ship (INS) Karmuk, an indigenously built Missile Corvette and His Majesty's Thailand Ship (HTMS) Tayanchon, a Khamrosin Class Anti-Submarine Patrol Craft, along with Maritime Patrol Aircraft from both navies are participating in the CORPAT.
- ❖ CORPAT builds up understanding and interoperability between navies.
- ❖ It also facilitates the institution of measures to prevent and suppress unlawful activities like Illegal Unreported Unregulated (IUU) fishing, drug trafficking, maritime terrorism, armed robbery, and piracy.

Sattvik certificate



- ❖ The Indian Railway Catering and Tourism Corporation (IRCTC) has planned to promote "Vegetarian Trains" in collaboration with the Sattvik Council of India.
- ❖ These trains will be connected especially with religious places.



- ❖ “Sattvik certificate” will be provided by the Sattvik Council of India (SCI).
- ❖ Currently, IRCTC runs the ‘Vande Bharat train’ from New Delhi to Katra.
- ❖ This train will be given the Sattvik Certificate.
- ❖ Apart from Vande Bharat, the Sattvik Council of India will certify 18 other trains.

TVS Motor Company

- ❖ TVS Motor Company has joined the United Nations Global Compact (UNGC).
- ❖ United Nations Global Compact is the world’s largest voluntary corporate sustainability initiative.
- ❖ TVS Motor has become the 1st Indian two-wheeler and three-wheeler manufacturer to join the UNGC.
- ❖ TVS Motor will also engage in collaborative projects which will advance the development goals of the UN, particularly the Sustainable development goals (SDG).

World’s 1st Merchant Shareholding Programme

- ❖ BharatPe launched the World’s 1st Merchant Shareholding Program (MSP) for its merchant partners.
- ❖ It is a \$100 million worth program.
- ❖ Under this, the company offers its merchant customers an opportunity to buy BharatPe’s equity shares and become a partner.
- ❖ The company plans a public listing by 2024 and targets a public listing value of \$1 billion.

New ordinances for tenure extensions





- ❖ The central government of India promulgated two ordinances for extending the tenure of Directors of the Enforcement Directorate (ED) and Central Bureau of Investigation (CBI) for up to five years.
- ❖ At present, the director of CBI and ED has been appointed for two-year tenure in office by the Central Vigilance Commission (CVC) Act, 2003.
- ❖ CBI or ED director can be appointed first for a period of two years.
- ❖ However, the tenure can be extended for three more years, if needed.
- ❖ Extended three years terms will require three separate annual extensions.
- ❖ No extension will be granted to an ED or CBI chief after completing a period of five years.

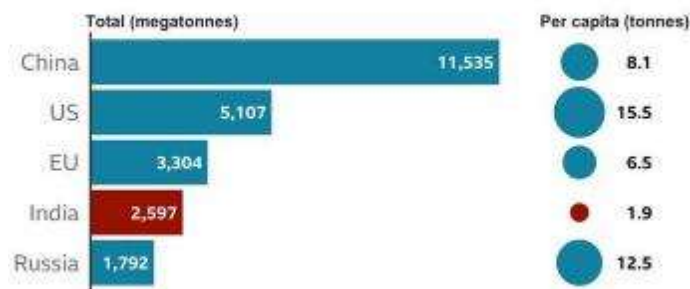
India's solar energy capacity - 45 GW

- ❖ India told the UN climate summit that its solar energy capacity stands at about 45 gigawatts after it increased 17 times in the last seven years.
- ❖ It is realized that the country represents 17 percent of the global population and its historical cumulative emissions are only 4 percent.
- ❖ India's 15 percent of total carbon dioxide emission in 2016 was removed from the atmosphere by the LULUCF (Land Use, Land-Use Change, and Forestry).

India's 5 commitments at COP26

India is the world's fourth biggest emitter of carbon dioxide

Total and per capita emissions of CO₂ per year



2019 data, EU includes UK
One megatonne = 1,000,000 tonnes

- ❖ Prime Minister Narendra Modi said that India will reach its net-zero carbon emission target by 2070 as he laid out the country's climate action plan.
- ❖ PM Modi announced to the world the five commitments or 'Amrit tatva' that India would meet as it works "very hard" to tackle climate change-related issues.



- ❖ Commitment 1 - By 2030, India will increase its non-fossil capacity to 500 gigawatts.
- ❖ Commitment 2 - By 2030, India will fulfil 50 percent of its energy requirements with renewable energy.
- ❖ Commitment 3 - India will reduce one billion tonnes of the total projected carbon emission between now and 2030.
- ❖ Commitment 4 - By 2030, India will reduce its economy's carbon intensity to less than 45%.
- ❖ Commitment 5 - India will achieve the target of net zero emissions by 2070.

Integrated biorefineries - COP 26

- ❖ Collaborating through 'Mission Innovation' (MI), India launched the Integrated Biorefineries Mission.
- ❖ The mission on integrated biorefineries will be co-led by India and Netherlands.
- ❖ The focus of this Mission would be to work on replacing fossil fuel-based fuels, chemicals, and materials with bio-based alternatives.
- ❖ This could reduce these emissions, providing a renewable alternative for hard-to-abate sectors and supporting rural jobs.

Norovirus

- ❖ The first case of Norovirus was confirmed in the Wayanad district of Kerala.
- ❖ Norovirus is an animal-borne disease.
- ❖ It is transmitted through contaminated water and food.
- ❖ Norovirus is a group of viruses, causing gastrointestinal illness.



Tech NEEV@75

- ❖ The Ministry of Science & Technology inaugurated “Tech NEEV@75” as part of Azadi ka Amrit Mahotsav.
- ❖ It is a year-long celebration, highlighting the impact of Science Technology Innovation in empowering the community to create equitable inclusive economic growth.
- ❖ It is a 75-hour program.
- ❖ It also includes a compilation of 75 impactful stories on the progress of India towards Atma Nirbhar Bharat.

Purvanchal Express



- ❖ Prime Minister Narendra Modi has inaugurated the 341-km long Purvanchal Express in Sultanpur district, Uttar Pradesh.
- ❖ The expressway links state capital Lucknow with Ghazipur.
- ❖ The key feature of the Expressway is the 3.2 km long airstrip to enable landing and take-off of Indian Air Force fighter planes in case of emergency.
- ❖ The Purvanchal Expressway starts from village Chaudsarai in the Lucknow district and ends at Haidaria village on National Highway number 31.
- ❖ The expressway is 6-lane wide which can be expanded to 8-lane in the future.

Antibiotic consumption

- ❖ The Global Research on Antimicrobial Resistance (GRAM) Project published a study in Lancet Planetary Health.
- ❖ As per the study, global antibiotic consumption rates have increased by 46% in the last two decades.
- ❖ Antibiotic consumption rates in South Asia are increased by 116%.

MoU on Renewable Energy

- ❖ The National Thermal Power Corporation Limited (NTPC) signed an MoU with Indian Oil Corporation Limited (IOCL).
- ❖ This is to collaborate in the field of Renewable Energy and mutually explore opportunities for the supply of low carbon/RE RTC (round the clock) captive power.
- ❖ This is a first-of-its-kind novel initiative by two leading national energy majors of India, to support the country's commitment to achieving renewable energy targets and reducing greenhouse gas emissions.

Bhumi Samvaad

- ❖ The Ministry of Rural Development organized a National Workshop on Digital India Land Record Modernisation Programme.
- ❖ The workshop was organized in a bid to boost to national land record modernization program.
- ❖ This workshop would enable States to share the best practices with each other in the field and learn regarding the latest software developments.

e-Shram portal



- ❖ More than 7.86 crore registrations have been done in the e-Shram portal.
- ❖ Out of this number,
 - 40.5 percent belong to Other Backward Classes (OBCs),



- 27.4 percent general category,
- 23.7 percent scheduled castes (SCs) and
- 8.3 percent to scheduled tribes (STs).
- ❖ The e-Shram portal is India's first centralised database of unorganised workers.
- ❖ These estimations are significant as they offer an indicator of the social profile of informal sector workers in India.

Grass conservatory

- ❖ India's first 'grass conservatory' or 'germplasm conservation center' spread over an area of 2 acres was inaugurated at Ranikhet in Almora district of Uttarakhand.
- ❖ This conservatory is funded under the Central Government's CAMPA (Compensatory Afforestation Fund Management and Planning Authority) scheme.
- ❖ This was developed to create awareness about the importance of grass species, promote their conservation, and facilitate research in the field.

Rashtra Raksha Samparpan Parv



- ❖ 3-day Rashtra Raksha Samparpan Parv is being held in Jhansi, Uttar Pradesh,
- ❖ 19th of November is the Birth Anniversary of Rani Lakshmi Bai.
- ❖ She is the epitome of bravery and courage and a great National icon of Rashtra Raksha and India's Independence struggle.
- ❖ As a part of 'Azadi Ka Amrit Mahotsav', Rashtra Raksha Samparpan Parv is organized from November 17 to November 19, 2021.
- ❖ This event is being organized by the defence ministry in association with the Government of Uttar Pradesh.



The Most polluted cities - IQAir

- ❖ Delhi, Kolkata, and Mumbai are among the top ten most polluted cities in the world.
- ❖ This is according to the data from air quality and pollution city tracking service from IQAir, a Switzerland-based climate group.
- ❖ Delhi topped the list with AQI at 556, Kolkata and Mumbai recorded an AQI of 177 and 169, respectively, at 4th and 6th position.
- ❖ Lahore is on top of the list of the most polluted cities.

First Global Innovation Summit of Pharmaceuticals sector

- ❖ The Prime Minister Narendra Modi inaugurated the "First Global Innovation Summit of Pharmaceuticals sector".
- ❖ This summit aims of bringing together the key Indian and international stakeholders from the government, academia, industry, investors, and researchers together.
- ❖ This is for discussing and strategizing priorities to foster an innovation ecosystem in the pharmaceuticals industry in India.
- ❖ The summit will also highlight the opportunities in the Indian Pharmaceuticals industry, that has huge potential for growth.

Water Heroes – Share Your Stories’ Contest

- ❖ ‘Water Heroes – Share Your Stories’ Contest will be launched by Jal Shakti Ministry from December 1, 2021.
- ❖ This contest is organized with the aim of encouraging and collecting best practices in water conservation and management from the entire of India.
- ❖ It also aims to encourage such efforts in India, in a bid to boost transformational action in the water sector.



Pradhan Mantri Gram Sadak Yojana

- ❖ The Cabinet Committee on Economic Affairs has approved the continuation of Pradhan Mantri Gram Sadak Yojana (PMGSY)-I and II up to September 2022, and Road Connectivity Project for Left Wing Extremism Affected Areas up to March 2023.
- ❖ The timeline has been extended to ensure the works envisaged under the three schemes are completed.

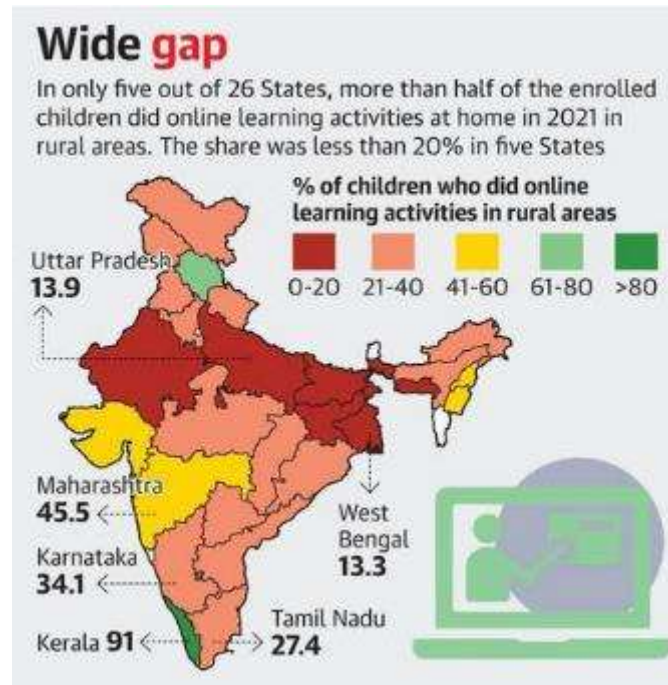
Need for continuation

- ❖ The majority of pending works under PMGSY-I and II are in the North-East and Hill States due to factors such as COVID lockdown, extended rains, winters, forest issues.
- ❖ Also, the States have been requesting the Central Government for an extension of time to complete these crucial works related to the rural economy.
- ❖ The objective is to provide connectivity, by way of an all-weather road to unconnected habitations.



Annual Status of Education Report

- ❖ 16th Annual Status of Education Report (ASER) 2021 (Rural) was published by the Pratham foundation.
- ❖ ASER provides reports on the schooling status of children in the age group of 5-16 age across rural India including the ability to do basic reading & arithmetic tasks.
- ❖ As per the report, there was an overall increase in the proportion of children enrolled in govt schools between 2018 and 2020.
- ❖ The Enrolment increased from 64.3% to 65.8%.
- ❖ But in 2021, enrolment suddenly increased to 70.3%.



Three farm laws repealed



- ❖ Prime Minister Narendra Modi, in his address on November 19, 2021 announced that, the central government will repeal all the three farm laws.
- ❖ These laws will be repealed in the 2021 Winter Session of Parliament.
- ❖ The three laws that led to agitation by farmers across India are
 - Farmers' Produce Trade and Commerce (Promotion and Facilitation) Act, 2020
 - Essential Commodities (Amendment) Act, 2020
 - Farmers (Empowerment and Protection) Agreement on Price Assurance and Farm Services Act, 2020.



LIGO venture

- ❖ Hingoli income division handed around 225 hectares of land right in Maharashtra to the authorities of Laser Interferometer Gravitational-Wave Observatory (LIGO) venture.
- ❖ The land was handed over in order to organise primary facility within the nation.
- ❖ This venture will provide alternatives to scientists and engineers for digging deeper into concept of gravitational waves.
- ❖ LIGO is a massive observatory to detect cosmic gravitational waves and to carry experiments.



Institute for Defence Studies and Analyses renamed



- ❖ The institute is renamed as Manohar Parrikar Institute for Defence Studies and Analyses.
- ❖ Manohar Parrikar is remembered for his thoughtful leadership during the 2016 counter-terror strikes and implementation of the One Rank One Pension scheme.

Operation Sankalp



- ❖ As part of Operation Sankalp, INS Trikand is currently deployed by the Indian Navy in the Persian Gulf and Gulf of Oman.
- ❖ INS Trikand is a state-of-the-art guided missile stealth frigate.
- ❖ Operation Sankalp ensure safety of India's Mercantile Marine in the Persian Gulf and the Gulf of Oman.

EW Suite Shakti

- ❖ The 1st Shakti Advanced Electronic Warfare system Shakti has been installed on-board INS Visakhapatnam and is being installed in INS Vikrant.
- ❖ Advanced Electronic Warfare (EW) System 'Shakti' has been designed and developed by the Defence Electronics Research Laboratory of Defence Research and Development Organisation.
- ❖ They are under production at Bharat Electronics Ltd.
- ❖ Shakti is an Integrated Radar EW System for Capital Warships of the Indian Navy.

4G mobile services scheme

- ❖ The Union Cabinet approves 4G mobile services scheme for over 7,000 villages.
- ❖ These are to be implemented across the villages of Chhattisgarh, Andhra Pradesh, Maharashtra, Jharkhand, and Odisha.
- ❖ This ambitious project will be funded by the Universal Service Obligation Fund.



CABINET DECISIONS
17 NOVEMBER, 2021

USOF scheme for provision of mobile services in Uncovered Villages of Aspirational Districts

- ▶ **7,287 uncovered villages of 44 Aspirational Districts across five States** to get 4G based mobile services
- ▶ Will be implemented in **Andhra Pradesh, Chhattisgarh, Jharkhand, Maharashtra & Odisha**
- ▶ **Rs 6,466 crore** will be the estimated cost of implementation
- ▶ Work will be awarded through open competitive bidding process

Benefits:

- ▶ Will fulfill the vision of digital India and enhance digital connectivity
- ▶ Will provide adequate support to educational institutions
- ▶ Will increase the availability of job opportunities
- ▶ Will promote domestic manufacturing

NCC Alumni Association



- ❖ Prime Minister Narendra Modi, a former NCC cadet, launched 'NCC Alumni Association'.
- ❖ He enrolled as its first member during the culmination event of 'Rashtra Raksha Samarpan Parv' in Jhansi.

82nd All India Presiding Officers Conference

- ❖ PM Narendra Modi inaugurated the 82nd All India Presiding Officers Conference in Shimla, Himachal Pradesh.
- ❖ Modi proposes here 'One Nation, One Legislative Platform'.
- ❖ The All India Presiding Officers' Conference (AIPOC), the apex body of the Legislatures in India, is celebrating its hundred years in 2021.
- ❖ The first Conference was also held in Shimla in 1921.



- ❖ Legendary parliamentarian Vithalbhai Patel, brother of Sardar Vallabhai Patel was the first Indian to be elected as presiding over of the Central Legislative Assembly in 1925.
- ❖ The historic bill to give the right to franchise to women in India was also passed in this House.
- ❖ The bill was moved by Moti Lal Nehru and seconded by Lala Lajpat Rai in 1925.
- ❖ Tamil Nadu Assembly Speaker M. Appavu questioned why the President does not provide reasons for withholding assent and returning a Bill passed by the State Assembly.
- ❖ Pointing to (some) Governors sitting on the Bills passed by the Assembly, he called for setting a binding time frame for deciding on any Bill.



National Generic Document Registration System

- ❖ It is a 'One Nation One Software' for registration of documents & properties.
- ❖ It is an in-house advanced software application developed by National Informatics Centre.

5G mobile phone

- ❖ Lava International has become the first Indian brand to launch 5G smartphones for domestic consumers.
- ❖ It was launched under the brand name 'Agni' and developed by Lava in India.
- ❖ It is getting manufactured at its plant in Noida, Uttar Pradesh.



Indira Gandhi Prize for Peace, Disarmament and Development 2021

- ❖ Pratham has been awarded this prize.
- ❖ It is given by the Indira Gandhi Memorial Trust.
- ❖ Pratham, an NGO, is dedicated to improving the quality of education for underprivileged children in India and across the world.
- ❖ It was set up in 1995 in Mumbai by Dr Madhav Chavan and Farida Lambay.



Swachh Survekshan 2021

- ❖ The President of India Ram Nath Kovind conferred awards to 342 cleanest cities of India at the 'Swachh Amrit Mahotsav'.
- ❖ It is the part of Swachh Bharat Mission – Urban 2.0 by the Ministry of Housing & Urban Affairs.
- ❖ It has become the world's largest cleanliness survey by surveying around 4320 cities.
- ❖ Indore has been awarded the 'Cleanest City' for the 5th consecutive year in the 'more than 1 lakh' population category.



- ❖ It is followed by Surat and Vijayawada on the 2nd and 3rd rank respectively.
- ❖ Varanasi won the 'Best Ganga Town' and Ahmedabad Cantonment won 'India's Cleanest Cantonment'.
- ❖ Chhattisgarh has been awarded as the 'Cleanest State' of India for the 3rd consecutive year in the 'more than 100 Urban Local Bodies'.
- ❖ Jharkhand won the 'Cleanest State' of India for the second time in the 'less than 100 Urban Local Bodies' category.
- ❖ Karnataka emerged as the 'Fastest Mover State' in the 'more than 100 Urban Local Bodies'.
- ❖ Mizoram emerged as the 'Fastest Mover State' in the 'less than 100 Urban Local Bodies'.
- ❖ Maharashtra won 92 awards and is followed by Chhattisgarh with 67 awards.
 - Cleanest City: Indore
 - Cleanest Ganga town: Varanasi
 - Cleanest State (with more than 100 urban local bodies): Chhattisgarh
 - Cleanest State (with less than 100 urban local bodies): Jharkhand
 - Cleanest City (with less than one lakh population): Vita city of Maharashtra
 - Cleanest small city (1-3 lakh population): New Delhi Municipal Council
 - Cleanest medium city (3-10 lakh population): Noida
 - Cleanest big city (10-40 lakh population): Navi Mumbai
 - Cleanest cantonment board: Ahmedabad cantonment
 - Cleanest District: Surat
 - Fastest Mover small city: Hoshangabad, Madhya Pradesh
 - Best Small City in Citizens' Feedback: Tripuri, Maharashtra
 - Top city in Sakshintra Suraksha Challenge: Navi Mumbai

56th DGPs/IGPs Conference

- ❖ PM Modi addressed the valedictory session of the 56th director general of police (DGPs)/ inspector general of police (IGPs) Conference in Lucknow.
- ❖ He called for constituting a High-Power Police Technology Mission to adopt future technologies for grassroot policing requirements.

IPF Citizen Satisfaction Survey - Smart Policing, 2021



INDIAN
POLICE FOUNDATION

- ❖ It was conducted by independent think-tank Indian Police Foundation (IPF).
- ❖ It constructed a survey framework to measure citizens' perceptions from a perspective of public trust in police.
- ❖ The top five states with the highest score on overall policing are Andhra Pradesh, Telangana, Assam, Kerala and Sikkim.
- ❖ From bottom upwards are Bihar, Uttar Pradesh, Chhattisgarh, Jharkhand and Punjab.
- ❖ Bihar and Uttar Pradesh fared poorly on almost all categories.

Rani Gaidinliu Tribal Freedom Fighters Museum

Rani Gaidinliu (1915-1993)

Rani Gaidinliu was a Naga spiritual leader and political activist. She joined the fight against the British at the early age of 13, after which she became the leader of the Heraka movement and led revolts against the British, leading to a 14-year-long imprisonment. She was released after Indian Independence, and was subsequently awarded the Padma Bhushan.



- ❖ The Union Minister of Home Affairs Amit Shah laid the foundation stone of the Rani Gaidinliu Tribal freedom fighters Museum at Luangkao village in Manipur.
- ❖ The Luangkao Village is the birthplace of renowned freedom fighter Rani Gaidinliu.
- ❖ At the age of 13 years, she joined the Heraka religious movement in Manipur.
- ❖ It was aimed to drive out the Britishers from Manipur and surrounding Naga areas.
- ❖ Gaidinliu was arrested by the Britishers at the age of 16 years in 1932.
- ❖ Jawaharlal Nehru had met Gaidinliu in 1937 at Shillong Jail and gave her the title of "Rani".
- ❖ She was finally released from the prison in 1947 after India gained its independence.

INS Visakhapatnam

- ❖ It was commissioned into Indian Navy in Mumbai.
- ❖ It is the first stealth-guided missile destroyer ship of P15B.



- ❖ This warship has been constructed with the use of indigenous steel DMR 249A.
- ❖ It is among the largest destroyers in India
- ❖ It marked the formal induction of the first of the four Vishakhapatnam class destroyers into the Indian Navy.



Best police Station



- ❖ The ranking of police stations across the country is an annual exercise by the MHA.
- ❖ The stations judged on the basis of parameters like crime rate, investigation.
- ❖ According to the Union home ministry's list, the Sadar Bazar police station in Delhi's north district is the best in the country.
- ❖ It is followed by Gangapur in Odisha's Ganjam. Bhattu Kalan in Haryana's Fatehabad, Valpoi in north Goa and Manvi in Karnataka's Raichur are at third, fourth and fifth respectively.
- ❖ Kadmat Island police station in the Union territory of Lakshadweep is sixth, with Shirala in Maharashtra's Sangli in seventh and Thottiyam in Tamil Nadu's Tiruchirappalli at eighth.



Operation Hercules

- ❖ The Indian Air Force and Indian Army conducted a major joint airlift exercise in the Northern Sector.
- ❖ The platforms utilised for the airlift were C-17, IL-76 and An-32 aircraft.

Aadhaar Hackathon 2021

- ❖ The Unique Identification Authority of India (UIDAI) hosted this
- ❖ This is the first-ever event being conducted by the Aadhaar team.
- ❖ Its target is to identify young innovators in the field of information technology.
- ❖ A hackathon is an event where programmers get together for a short period of time to collaborate on a project.



Best Marine State



- ❖ Andhra Pradesh has been named the best marine state in the country by the Department of Fisheries.



Top states

- ❖ Inland states: Telangana
- ❖ Hilly and North East states: Tripura

Top Districts

- ❖ Best Marine District: Balasore in Odisha
- ❖ Best Inland District: Balaghat in Madhya Pradesh
- ❖ Best Hilly and NE District: Bongaigaon in Assam

Gallantry Awards 2021



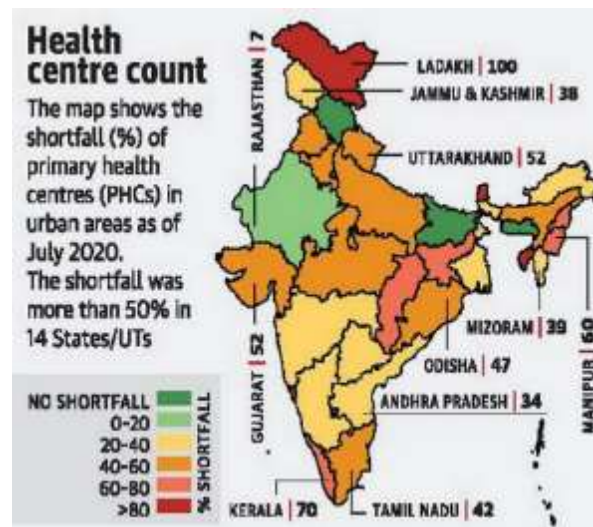
- ❖ President of India, Ram Nath Kovind presented Gallantry Awards and Distinguished Service Decorations in Defence Investiture Ceremony at Rashtrapati Bhavan, Delhi.
- ❖ Gallantry Awards have been instituted by the Government of India to honour the acts of bravery and sacrifice of the officers of the Armed Forces.
- ❖ The order of precedence of these awards is Param Vir Chakra, Ashoka Chakra, Mahavir Chakra, Kirti Chakra, Vir Chakra and Shaurya Chakra.
- ❖ Group Captain Abhinandan Varthaman was accorded the Vir Chakra for his role in pushing back Pakistan's fighter jets in February 2019.
- ❖ The Second-highest peacetime gallantry award Kirti Chakra (posthumously) was given to Sapper Prakash Jadhav for neutralising terrorists in an operation in Jammu and Kashmir.
- ❖ The Chief of Indian Air Force Vivek R Chaudhari and Navy chief designate Vice Admiral R Hari Kumar also received Param Vishisht Seva Medal from the President.

SDG Urban Index and Dashboard 2021-22

- ❖ NITI Aayog launched India's first of this kind index.
- ❖ It ranked 56 urban areas on 77 SDG indicators across the 46 targets of the SDG Framework.
- ❖ It aims at further strengthening the SDG localization and instituting robust Sustainable Development Monitoring at the city levels.
- ❖ Shimla has topped the index followed by Coimbatore and Chandigarh.
- ❖ At bottom of this index are Faridabad of Haryana, Kolkata and Agra.



Health Care Equity in Urban India



- ❖ Azim Premji University recently published this report in collaboration with 17 regional NGOs in India.
- ❖ The report explores health vulnerabilities and inequalities in cities across India.
- ❖ The report highlights that Life expectancy among the poorest is lower by 9.1 years among men and 6.2 years among women as against richest in urban areas.

- ❖ One-third of India's people are now living in urban areas.
- ❖ This segment is observing a rapid growth from about 18% in 1960 to 28.53% in 2001 and reaching 34% in 2019.
- ❖ Around 30% of people living in urban areas are poor.

Virtual Science Lab

- ❖ Union Minister of Science and Technology, Dr. Jitendra Singh launched India's first Virtual Science Lab for Children.
- ❖ Virtual Science Lab was launched under CSIR Jigyasa Programme.
- ❖ This program will connect students with scientists across India.
- ❖ This Lab will provide a virtual tour of CSIR laboratories as well as expose students to research infrastructure.

World Investor Week 2021



- ❖ Stock exchanges, BSE and NSE launched the celebrations of the globally popular event "World Investor Week 2021"
- ❖ Central Depository Services (India) Ltd (CDSL) is also celebrating World Investor Week (WIW) during November 21-28, 2021.
- ❖ WIW is a week-long global celebration, which is promoted by the International Organisation of Securities Commissions.
- ❖ It is observed to raise awareness of the importance of investor education and protection across India.

Bharat Gaurav Scheme

- ❖ Indian Railways has launched a new scheme called the "Bharat Gaurav Scheme".
- ❖ Under this scheme, private tour operators can take trains on lease from railways and run these trains on any circuit of their choice.

- ❖ For this purpose, railways have earmarked 3033 ICF coaches, roughly equal to 150 trains.



Pradhan Mantri Garib Kalyan Anna Yojana



- ❖ The Central government has extended “Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY)” for four months.
- ❖ PMGKAY was extended from December 2021 till March 2022 as a part of Phase 5 of this scheme.
- ❖ This scheme was launched in 2020 in the aftermath of the Covid-19 pandemic.
- ❖ Under this scheme, five kg grain is provided per person per month free of cost.
- ❖ It benefits all the beneficiaries, who are covered under Direct Benefit Transfer (DBT) and National Food Security Act (NFSA) (Antyodaya Anna Yojana & Priority Households).

O-SMART scheme

- ❖ “Ocean Services, Modelling, Application, Resources and Technology (O-SMART)” scheme has been extended for the period of 2021-26.
- ❖ This was approved by the Cabinet Committee on Economic Affairs chaired by Prime Minister Narendra Modi.



- ❖ The O-SMART scheme comprises seven sub-schemes.
- ❖ All of the sub-schemes are being implemented by autonomous institutes of the Ministry of Earth Sciences.



Dosti exercise

- ❖ India, Maldives and Sri Lanka are holding the 15th edition of the biennial trilateral coast guard exercise 'Dosti', in Maldives.
- ❖ The year 2021 marks the 30th year of the Dosti Trilateral Coast Guard Exercise.
- ❖ The Indian Coast Guard vessels namely ICGS Apoorva & ICGS Vajra joined the Sri Lanka Coast Guard vessel named SLCGS Suraksha.

National Apprenticeship Training Scheme

- ❖ Union Cabinet chaired by Prime Minister Narendra Modi has given its approval for the continuation of the National Apprenticeship Training Scheme for the next five years.
- ❖ Approval was given for the period from 2021-22 to 2025-26.
- ❖ Under it, the industrial & commercial organisations will train approximately nine lakhs' apprentices.

Mysuru Declaration

- ❖ The participants from 16 States signed the Mysuru Declaration.
- ❖ Under this, Common Minimum Service delivery by Panchayats across the country is to be rolled out from April 1, 2022.
- ❖ The declaration is aimed at recognizing Citizen-Centric Services as the "Heart of Governance".

- ❖ This declaration talks about both the services delivered by panchayats directly and services of other departments that are facilitated by panchayats through a monitoring mechanism.

NFHS Survey 5

- ❖ The National Family and Health Survey (NFHS) 5 has been released.
- ❖ This is the most comprehensive survey on socio-economic and health indicators in the country.
- ❖ The previous four rounds of the NFHS were conducted in 1992-93, 1998-99, 2005-06, and 2015-16.
- ❖ These have been conducted by the Ministry of Health and Family Welfare, with the International Institute for Population Sciences (IIPS) Mumbai.

Highlights

- ❖ There were 1,020 women for 1000 men in the country in 2019-2021.
- ❖ This is the highest sex ratio for any NFHS survey as well as since the first modern synchronous census conducted in 1881.
- ❖ The Total Fertility Rate (TFR) has also come down below the threshold at which the population is expected to replace itself from one generation to the next.
- ❖ TFR was 2 in 2019-2021, just below the replacement fertility rate of 2.1.
- ❖ Children's nutrition improved but only at a slower pace.
- ❖ Though India might have achieved food security, 60% of Indians cannot afford nutritious diets.





CORPAT – 37th edition

- ❖ The 37th edition of India-Indonesia Coordinated Patrol (CORPAT) was held in the Indian Ocean region.
- ❖ CORPAT is held twice a year to ensure safety and security.
- ❖ It was conducted for the first time in 2002.
- ❖ Indigenously built Indian Naval Ship (INS) Khanjar and Dornier Maritime Patrol Aircraft are participating in the CORPAT.
- ❖ Indonesian Naval Ship KRI Sultan Thaha Syaifuddin, (376) is participating from Indonesia.



INS Vela



- ❖ INS Vela was commissioned at the Indian Navy's Western Command (Mumbai).
- ❖ It is the fourth Scorpene class submarine of Project 75 of the Indian Navy.
- ❖ Project 75 comprises of construction of six submarines of Scorpene design.
- ❖ INS Vela has been built by Mumbai-based Mazagon Dock Shipbuilders Ltd in association with M/s Naval Group of France.



Noida International Airport



- ❖ Prime Minister Narendra Modi has laid the Foundation Stone of Noida International Airport at Jewar in Uttar Pradesh.
- ❖ The Jewar airport is the second international aerodrome in Delhi-National Capital Region (NCR).
- ❖ It is the fifth international airport in Uttar Pradesh.
- ❖ Uttar Pradesh has now become the state with the highest number of international airports in India.
- ❖ Once completed, it's planned to be the country's largest airport.
- ❖ It is to become "first net zero emissions airport" in India.

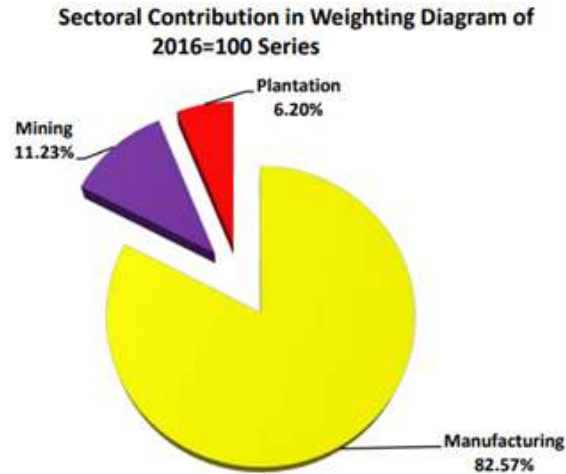
India: GCPMH 2021 - 2nd edition

- ❖ 2nd edition of the summit on Global Chemicals & Petrochemicals Manufacturing Hub (GCPMH) was inaugurated at Delhi.
- ❖ "India: GCPMH 2021" is one of the significant events in the Chemical and Petrochemical Industry.
- ❖ The summit highlights the potential of the Indian Chemicals and Petrochemicals Sector to the world.
- ❖ Andhra Pradesh, Odisha, Gujarat, Rajasthan and Tamil Nadu are participating as Partner States in the event.



2nd Edition
SUMMIT ON
**INDIA: GLOBAL CHEMICALS & PETROCHEMICALS
MANUFACTURING HUB**
25th - 26th November 2021 | Hotel Le Meridien, New Delhi

New series of wage rate index



- ❖ The Labour ministry has released the new series of wage rate index (WRI) with the base year being 2016.
- ❖ The government periodically revises the base year of WRI for key economic indicators in order to provide a clear picture of economic changes and record the wage pattern of workers.
- ❖ The new series of WRI with base 2016=100 will replace the old series with base 1963-65.

2021 Access to Seeds Index

- ❖ India is one of the 6 South and South-East Asian countries that attract the most investments in the domestic seed sector from the global seed industry.
- ❖ This is according to the 2021 Access to Seeds Index (3rd Edition).
- ❖ It is launched as part of the World Benchmarking Alliance.
- ❖ The Access to Seeds Index measures and compares the efforts of the world's leading seed companies to enhance the productivity of smallholder farmers.
- ❖ 21 companies have processing locations in 9 countries, of which 17 of those companies are present in India.

India's 1st Privately Built Cryogenic Rocket Engine

- ❖ Skyroot Aerospace, a space technology start-up based in Hyderabad, has successfully test-fired Dhawan-1.
- ❖ This is India's first privately developed fully cryogenic rocket engine.
- ❖ This will power the upper stages of its upcoming Vikram-2 orbital launch vehicle.

- ❖ Dhawan-1 is a completely 'Made-in-India' cryogenic engine.
- ❖ It is developed using 3D printing with a superalloy.
- ❖ The usage of 3D printing has reduced around 95% of manufacturing time.
- ❖ The engine is fuelled by liquefied natural gas and liquid oxygen.



River Cities Alliance



- ❖ Recently, the Ministry of Jal Shakti along with the Ministry of Housing and Urban Affairs has launched the River Cities Alliance.
- ❖ It is a dedicated platform for river cities in India to ideate, discuss and exchange information for the sustainable management of urban rivers.
- ❖ The Alliance will focus on three broad themes - Networking, Capacity Building and Technical Support.



- ❖ Although the Alliance began with the Ganga basin cities, it was extended to include cities beyond the basin as well.

Dakshin Shakti exercise

- ❖ The Joint military 'Dakshin Shakti' exercise of the Indian Army, Navy and Air Force, and other paramilitary forces concluded on November 26 in the Jaisalmer district of Rajasthan.
- ❖ The exercise began on November 20.
- ❖ The drill aims to establish the best coordination among the wings of the armed forces, space technology, and artificial intelligence.

Nasal spray for COVID-19



- ❖ ITC is developing a nasal spray for COVID-19 prevention for which it has initiated clinical trials.
- ❖ It is developed by scientists at ITC Life Sciences and Technology Centre (LSTC), Bengaluru.
- ❖ The company plans to market the nasal spray under the Savlon brand once it gets all the requisite regulatory approvals.

5 million barrels of crude oil to be released

- ❖ For the first time ever, India plans to release about 5 million barrels of crude oil from its Strategic Petroleum Reserves.
- ❖ This is 'in parallel and in consultation with' the US, China, Japan and South Korea to bring down global crude oil prices.
- ❖ India stores about 38 million barrels of crude oil in underground caverns at three locations on the east and west coast.

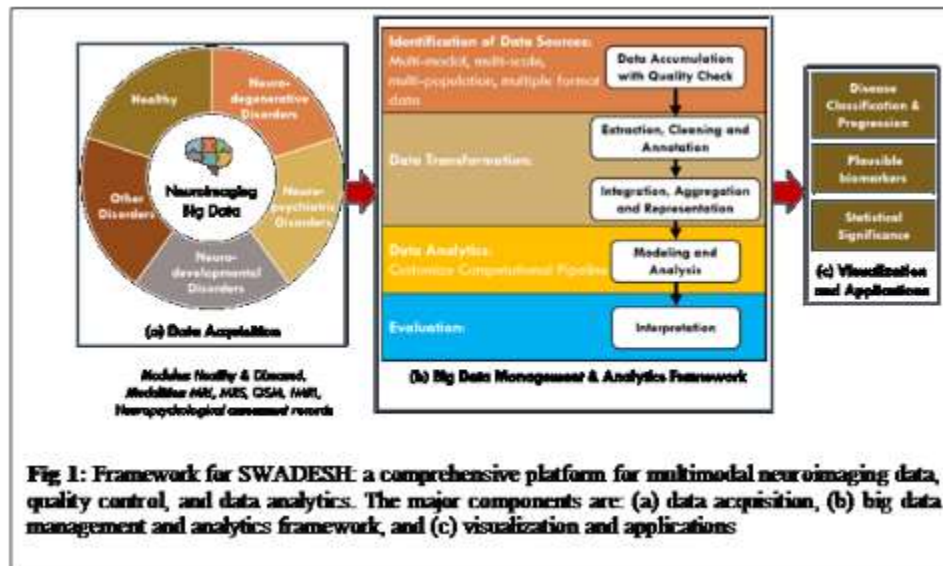
- ❖ The 5 million barrels of crude oil will be released to state-run refiners Hindustan Petroleum Corporation Limited (HPCL) in Vishakhapatnam and Mangalore Refinery and Petrochemicals Limited (MRPL) in Mangaluru.

Sagar Shakti Exercise

- ❖ The Sagar Shakti Exercise was held in the creek sector of the Kutch peninsula.
- ❖ It was a four-day mega military exercise.
- ❖ During the exercise, the capability and readiness of India to confront any multidimensional security threat were elaborately tested.

Project SWADESH

- ❖ The Union Minister of State (Independent Charge) for the Ministry of Science and Technology, Dr. Jitendra Singh inaugurated Project SWADESH.
- ❖ The project SWADESH is a first of its kind large-scale multimodal neuroimaging database designed specifically for the Indian population.
- ❖ The unique brain initiative has been developed by the DBT-National Brain Research Centre (DBT-NBRC), Gurgaon, Haryana.



India Internet Governance Forum 2021

- ❖ It is a 3-day online event on internet governance.
- ❖ It is jointly organized by the Ministry of Electronics and Information Technology (MeitY) and the National Internet Exchange of India (NIXI).

- ❖ The event is centred around the theme “Empowering India through Power of the Internet”.



Ayurveda Parv-2021

- ❖ The Minister of State (MoS) for Ayush, Munjpara Mahendrabhai, virtually inaugurated the Ayurveda Parv-2021 in New Delhi.
- ❖ Ayurveda Parv-2021 is a three-day event.
- ❖ It is being organized to promote Ayurveda.



Participation of female voters in India

- ❖ The Election Commission of India (ECI) hosted an international webinar in New Delhi.
- ❖ The theme was “Enhancing electoral participation of Women, Persons with Disabilities (PwDs) & Senior citizen Voters: Sharing Best Practices and New Initiatives”.

- ❖ In the webinar, the chief election commissioner of India, Sushil Chandra, noted that women's participation in exercising franchise has overpassed that of men, after 7 decades and 17 general elections.
- ❖ Women's participation stood at more than 67 percent in the 2019 General Election.
- ❖ The gender gap was -16.71 percent in 1962, which has reversed to +0.17 percent in 2019.
- ❖ India has observed a 235.72 percent increase in female electors since the 1971 elections.

Mukhyamantri Tirth Yatra Yojana

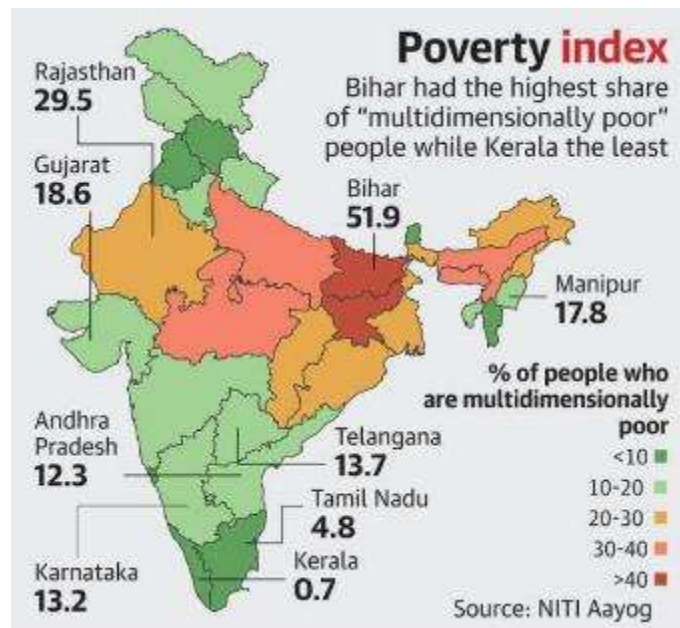
- ❖ The Delhi government announced to add Kartarpur Sahib in Pakistan and Velankanni Church in Tamil Nadu to its pilgrimage scheme called "Mukhyamantri Tirth Yatra Yojana"
- ❖ The Delhi government also decided to add two more routes, apart from the existing 13 yatra routes.
- ❖ The two routes are Delhi-Velankanni-Delhi and Delhi-Kartarpur Sahib-Delhi.
- ❖ The devotees will travel on the Delhi-Velankanni-Delhi route in AC-III tier trains.
- ❖ For Kartarpur Sahib, they will go in air-conditioned buses.



Multidimensional Poverty Index report

- ❖ Bihar, Jharkhand, and Uttar Pradesh have emerged as the poorest states in India.
- ❖ This is according to Niti Aayog's first Multidimensional Poverty Index (MPI) report.
- ❖ As per the index, 51.91 percent population of Bihar is poor.

- ❖ It is followed by 42.16 percent in Jharkhand, 37.79 percent in Uttar Pradesh.
- ❖ Top 5 Poor states are Bihar, Jharkhand, Uttar Pradesh, Madhya Pradesh and Meghalaya.
- ❖ Meanwhile, Kerala (0.71 per cent), Goa (3.76%), Sikkim (3.82%), Tamil Nadu (4.89%) and Punjab (5.59 %) are the top 5 lowest poverty states across India.
- ❖ Kottayam in Kerala is the only district that registered zero poverty across the country as per the index.
- ❖ Bihar also has the highest number of malnourished people.
- ❖ It is followed by Jharkhand, Madhya Pradesh, Uttar Pradesh, and Chhattisgarh.



Driverless Metro railway network



- ❖ Driverless train operations on New Delhi's Pink Line were inaugurated recently.
- ❖ The move makes the Delhi Metro Rail Corporation (DMRC) the fourth biggest driverless Metro railway network in the world.

- ❖ The Pink Line, which connects Majlis Park with Shiv Vihar, is the longest Metro corridor in the Capital.
- ❖ The Pink Line is also the second Metro corridor in New Delhi to have driverless train operations.
- ❖ Prime Minister Narendra Modi inaugurated the country's first driverless operations on the DMRC's Magenta Line - connecting Botanical Garden with Janakpuri West - in December 2020.

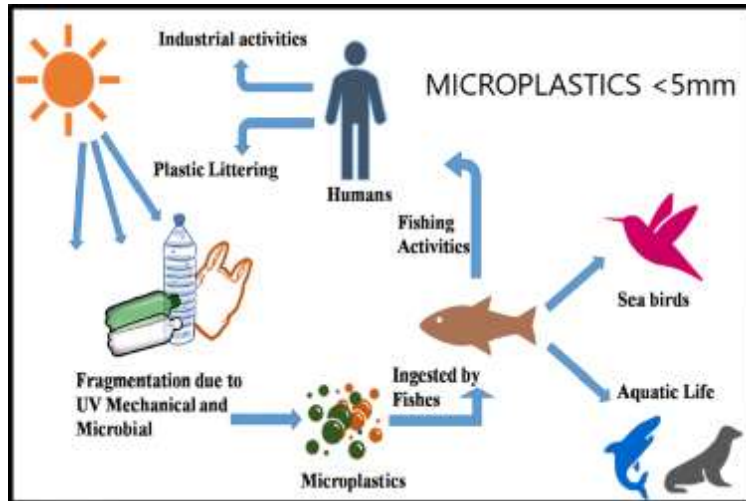
“Most purposeful” brands in India 2021

- ❖ Amazon, Asian Paints, and Tata Tea have been named as the "most purposeful" brands in India 2021 in tech, non-FMCG, and FMCG categories.
- ❖ This is according to the latest BrandZ India report by insights and consulting firm Kantar shows.
- ❖ In the technology category, Amazon is followed by food delivery platform Zomato, Google-backed YouTube, food delivery platform Swiggy, and Walmart-backed Flipkart.
- ❖ In the non-FMCG category, Asian Paints is followed by Jio, Samsung, MRF, Tata Housing, and Airtel.
- ❖ In the FMCG category, Tata Tea is followed by Surf Excel, Taj Mahal, Maggi, Parachute, Britannia.
- ❖ The Kantar BrandZ database for Most Purposeful Brands of India for 2020-21 covers 418 brand cases.



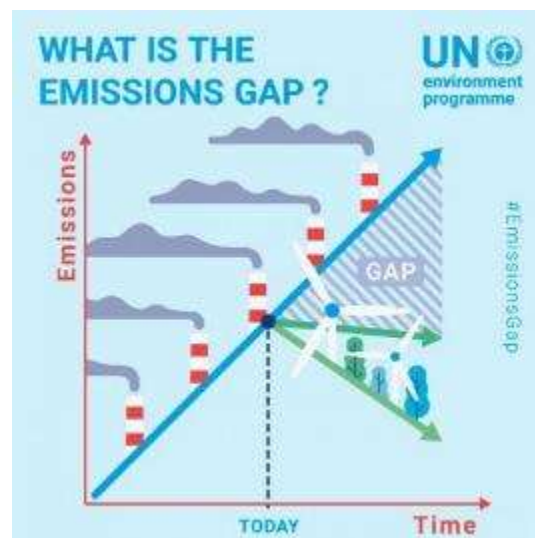
INTERNATIONAL

Plastic pollution in aquatic systems



- ❖ The report called 'From Pollution to Solution: A global assessment of marine litter and plastic pollution'.
- ❖ It reveals the impact of marine litter and plastic pollution in the environment and their effects on the health of ecosystems, wildlife and humans.
- ❖ According to the report, the amount of plastics in the oceans has been estimated to be around 75-199 million tonnes at present.
- ❖ Without a meaningful action, emissions of plastic waste into aquatic eco systems are projected to nearly triple by 2040.

Emissions Gap Report 2021





- ❖ The United Nations Environment Programme (UNEP)'s Emissions Gap Report 2021 has been published.
- ❖ This is the twelfth edition of the UNEP Emissions Gap Report.
- ❖ It informs that the new national climate pledges combined with other mitigation measures put the world on track for a global temperature rise of 2.7°C by the end of the century.
- ❖ Following an unprecedented drop of 5.4 % in 2020, global carbon dioxide emissions are bouncing back to pre-COVID levels.
- ❖ The concentrations of Greenhouse Gases in the atmosphere also continue to rise.

Resolution 2601

- ❖ The United Nations Security Council adopted a unique first-of-its-kind resolution.
- ❖ This is to urge armed conflict parties to immediately safeguard the right to education and ensure the protection of schools.
- ❖ The 15-member UNSC unanimously adopted Resolution 2601 (2021) while strongly condemning attacks against schools, children, and teachers.
- ❖ India also voted in favour of Resolution 2601.

UNGA committee endorses India's resolution

- ❖ A draft resolution introduced by India for granting the Observer Status to the International Solar Alliance has been adopted in a U.N. General Assembly committee.
- ❖ The draft resolution was adopted in the General Assembly's Sixth Committee
- ❖ The 76th session of the UN General Assembly will now have to formally adopt the recommendation of the Sixth Committee.

Milu Deer

- ❖ The comeback of Milu Deer from the brink of extinction marks a rare success for China's conservation efforts.
- ❖ Milu deer (*Elaphurus davidianus*) is a rare and endangered species.
- ❖ Also known as Pere David's deer, these animals were on the verge of disappearing towards the end of the 19th century.
- ❖ Milu deer is native and endemic to the river valleys of China.



Forgotten kingdoms

- ❖ The Kingdom of Saudi Arabia is set to excavate ‘five kingdoms’ related to Dadanite and Lihyanite civilisations.
- ❖ They will excavate five nearby sites related to Dadanite and Lihyanite civilisations.
- ❖ Both of the civilisations were important regional powers, some 2000 years ago.
- ❖ Kingdoms were spanning roughly 900 years until 100 CE.

Global Methane Pledge



- ❖ The Global Methane Pledge was launched at the ongoing UN COP26 climate conference in Glasgow, Scotland.
- ❖ Global Methane Pledge is an effort led by the United States and the European Union, jointly.

- ❖ This pledge was announced with the aim of reducing methane emissions by 30 per cent by the year 2030, as compared to 2020 levels.
- ❖ This pledge is significant because Methane is the second-most abundant greenhouse gas present in the atmosphere.

One Sun, One World, One Grid

- ❖ Prime Minister Narendra Modi and his British counterpart Boris Johnson jointly launched the 'One Sun, One World, One Grid' (OSOWOG) initiative at the COP 26 Climate Meet in Glasgow, Scotland.
- ❖ This project is about setting a 'trans-national electricity grid to supply solar power across the world.
- ❖ The vision behind OSOWOG is 'The Sun Never Sets'.
- ❖ 'One Sun, One World, One Grid' (OSOWOG) solution will be used to tackle the challenge of solar power.



Vinisha Umashankar at Glasgow

- ❖ Vinisha Umashankar from Tamil Nadu recently spoke on clean energy at a meeting as part of the 26th UN Climate Change Conference of Parties (COP26) in Glasgow, Scotland.
- ❖ The meeting discussed clean technology and innovation.
- ❖ She urged everyone - world leaders, business leaders, international organizations as well as civil societies – to immediately “stop talking and start acting” when it comes to tackling climate change.
- ❖ She also mentioned that young people have every reason to be angry and frustrated at leaders who have made empty promises and failed to deliver.



Exercise Desert Warrior

- ❖ The Exercise Desert Warrior is a bilateral military exercise held between India and Egypt.
- ❖ It is held between the Air Forces of the countries.
- ❖ The Exercise was held at El Berigat Air Base in Egypt.

Nepal to sell surplus power

- ❖ India has given permission to Nepal to sell surplus power in its market.
- ❖ This will be the first time India will buy electricity from Nepal.
- ❖ The Central Electricity Authority allowed Nepal to sell 39 MW of electricity produced by the 24 MW Trishuli Hydropower Project and the 15 MW Devighat Hydropower Project in the India Energy Exchange Limited.
- ❖ Both projects were developed with India's help.

Oral pill to treat Covid-19



- ❖ Britain's health regulators have approved the world's first pill to treat cases of symptomatic COVID-19.
- ❖ The antiviral molnupiravir has been found to be safe and effective at reducing the risk of hospitalisation and death in people with mild to moderate COVID-19.

International Methane Emissions Observatory



- ❖ The United Nations Environment Programme (UNEP) has launched "International Methane Emissions Observatory (IMEO)" at the G20 Summit.
- ❖ The Methane observatory was launched to drive action on reducing greenhouse gas emissions.
- ❖ It was launched with support from the European Union.
- ❖ The IMEO will monitor the methane emission through satellite.

BRICS Joint Statistical Publication



- ❖ The 13th Meeting of Heads of National Statistical Offices of BRICS Countries was held recently.
- ❖ It was under the Chairmanship of India.



- ❖ The 13th Meeting of Heads of National Statistical Offices of BRICS countries was held under the theme “NSOs efforts in monitoring Sustainable Development Goals (SDGs)”.

Vax



- ❖ ‘Vax’ has been chosen as the word of the year by the Oxford English Dictionary (OED) in 2021.
- ❖ Vax is derived from the Latin word Vacca, which means cow.
- ❖ Vax is used as a short form for vaccines and means a substance put into a person’s body to prevent them from getting a disease.

Yahoo stops services in China

- ❖ Yahoo has announced that the company has stopped providing service in mainland China.
- ❖ This is due to the increasingly challenging business and legal environment in the country.
- ❖ With this Yahoo has ended its 22-year presence in the Chinese market.
- ❖ Earlier, US tech platform LinkedIn also announced the closure of its localized social media network in China.

2022 QS World University Rankings

- ❖ QS (Quacquarelli Symonds) has released the 2022 QS World University Rankings.
- ❖ The ranking has been topped by the National University of Singapore (NUS) for the 4th year in a row.



- ❖ It is followed by China's Peking University at 2nd position and Nanyang Technological University in Singapore, and the University of Hong Kong in Hong Kong at 3rd.
- ❖ Indian Institute of Technology Bombay (IITB) (42nd regionally) and IIT Delhi (45th regionally) are the only two Indian institutions among the Top-50.
- ❖ IIT Madras, which was in 50th place last year, has lost four places and now ranks 54th.
- ❖ India features 118 Indian Universities following China with 126 universities.



India-France strategic dialogue

- ❖ India and France held their second strategic dialogue with National Security Advisor Ajit Doval with Emmanuel Bonne, Diplomatic Advisor to President Emmanuel Macron in Paris.
- ❖ The dialogue discussed Afghanistan, Indo-Pacific and strengthening maritime security.



Global Drug Policy Index

- ❖ India ranked 18 out of 30 countries in the 1st edition of the Global Drug Policy Index.
- ❖ It was released by the Harm Reduction Consortium in November 2021.

- ❖ The index ranks Norway, New Zealand, Portugal, the United Kingdom (UK) and Australia as the top 5 countries on humane and health-driven drug policies.
- ❖ The five lowest-ranking countries are Brazil, Uganda, Indonesia, Kenya, and Mexico.

RANK COUNTRY SCORE			BOTTOM 5		
TOP 5					
1	Norway	74/100	26	Mexico	35/100
2	New Zealand	71/100	27	Kenya	34/100
3	Portugal	70/100	28	Indonesia	29/100
4	UK	69/100	29	Uganda	28/100
5	Australia	65/100	30	Brazil	26/100
18	India	46/100			

Sustainable Urban Cooling Handbook



- ❖ The Sustainable Urban Cooling Handbook is a report published by the United Nations Environment Programme (UNEP).
- ❖ The report says that the cities are to become too hot to live in future.
- ❖ The handbook is an encyclopaedia of solutions on sustainable urban cooling.
- ❖ According to this, the world cities are heating up at twice the global average.
- ❖ This is mainly due to the urban heat island effect.



17th Climate Change Performance Index 2022

- ❖ It is compiled by German watch, the New Climate Institute, and the Climate Action Network.
- ❖ It monitors climate mitigation progress of 60 countries and the European Union.
- ❖ The first three ranks of the overall rankings were kept empty because no country had performed well enough in all index categories.
- ❖ The first three ranks in the greenhouse gas emissions category too were kept empty.
- ❖ In terms of greenhouse gas emissions, Sweden, Egypt, Chile and the UK are in the top 7.
- ❖ In the overall rankings, India is at number 10 with a score of 69.22.
- ❖ It is a high performer except in the renewable energy category, in which it is ranked “medium”.
- ❖ Overall, Australia, South Korea and Russia and the United States are among the lowest performing countries along with Kazakhstan and Saudi Arabia.
- ❖ China is ranked 37 overall and has an overall rating of “low”.

CLIMATE CHANGE PERFORMANCE INDEX

Rank	Country	Score
4.	Denmark	76.92
5.	Sweden	74.46
6.	Norway	73.62
7.	UK	73.29
8.	Morocco	71.64
9.	Chile	69.66
10.	India	69.22
11.	Lithuania	69.06
12.	Malta	64.39
13.	Germany	63.82
14.	Finland	62.74
15.	Switzerland	61.98
16.	Portugal	61.45
17.	France	61.33
18.	Luxembourg	61.03
19.	Netherlands	60.81
20.	Ukraine	60.52

GREENHOUSE GAS EMISSIONS

Rank	Country	Score
4.	UK	33.93
5.	Sweden	33.84
6.	Mexico	32.85
7.	Chile	32.69
8.	Malta	31.56
9.	Morocco	29.35
10.	India	31.42
11.	Denmark	31.22
12.	Morocco	30.71
13.	Norway	30.50
14.	Switzerland	30.03
15.	Germany	29.12
16.	Philippines	28.80
17.	Ukraine	27.38
18.	Romania	27.37
19.	Finland	27.21
20.	France	26.97

No rankings allotted from 1 to 3 because “no country performed well enough in all categories to achieve an overall very high rating, or did enough to lower their gas emissions”

FW de Klerk

- ❖ He passed away at 85.
- ❖ He was South Africa's last apartheid president.
- ❖ It was FW de Klerk who in 1990 had announced that Nelson Mandela will be released from prison.
- ❖ FW de Klerk and Nelson Mandela were awarded the Nobel Peace Prize in 1993
- ❖ He was the last President from the era of white-minority rule.
- ❖ Klerk's government dismantled the apartheid system and introduced democracy in South Africa.
- ❖ He was succeeded by Nelson Mandela as South Africa's first Black President in 1993.



Global NCAP



- ❖ Mahindra XUV700 receives 5-star rating in latest Global NCAP crash test results.
- ❖ It achieved five stars for adult occupants and four stars for child occupants.
- ❖ Mahindra becomes the first Indian made and owned brand to offer Autonomous Emergency Braking (AEB) as a safety option.



- ❖ The Mahindra XUV300 car has attained a top position by scoring 5 stars for adult occupants and 4 for child occupants.
- ❖ Tata motors Altroz bagged a strong 5-star rating for adult occupants and 3 stars for child occupants.
- ❖ New Car Assessment Program or NCAP is a global automotive safety watchdog ensuring the safety part of vehicles around the world.
- ❖ It is a major project of the Towards Zero Foundation which is a UK registered charity.

China's Historical resolution

- ❖ The Communist party (CCP) of China passed a rare 'historical resolution'.
- ❖ It is to praise the Chinese president Xi Jinping's decisive significance in rejuvenation of China.
- ❖ It refers to the period as one of the 'socialist revolution and construction'.
- ❖ This is the third resolution of its kind in the CCP's 100-year history.
- ❖ Other two resolutions were passed under Mao Zedong (1945) and Deng Xiaoping (1981).
- ❖ Mao Zedong pushed the Communists to power in 1949.
- ❖ Deng Xiaoping's 1980s reforms made China an economic powerhouse.
- ❖ The CCP dismissed presidential term limits in 2018.



Suffering from climate change

- ❖ A Canadian woman could be the first patient to be ever diagnosed as suffering from 'climate change'.
- ❖ Dr Kyle Merritt of Kootenay Lake Hospital in Nelson, British Columbia of Canada diagnosed that patient.



- ❖ The doctors blame her health condition on the deadly heatwaves earlier this year.
- ❖ The heatwave was caused by what is called a 'heat dome'.
- ❖ It is a 'ridge of high pressure'.

COP27 and COP28



- ❖ Egypt will host COP27 United Nations Climate Change Conference in 2022.
- ❖ This was decided during COP26 conference in Glasgow, Scotland.
- ❖ Egypt will host the conference in Red Sea resort of Sharm El-Sheikh.
- ❖ Apart from that, the United Arab Emirates (UAE) was selected to host COP28 international climate conference in the year 2023.

ADIPEC conference



- ❖ ADIPEC conference is being held in Abu Dhabi.
- ❖ During the conference, India's petroleum minister Hardeep Singh Puri said that India made a "concerted push" with OPEC+ on oil production.
- ❖ The conference is taking place in the backdrop of COP26 climate talks and increasing energy prices.



21st IORA Annual Council of Ministers' Meeting

- ❖ The 21st Indian Ocean Rim Association (IORA) Annual Council of Ministers (COM) Meeting was held in Dhaka, Bangladesh.
- ❖ India took part in the conference in virtual mode.
- ❖ India was led by Minister of State External Affairs (MoS), Dr. Rajkumar Ranjan Singh.
- ❖ At the end of this meeting, Dhaka Communique was adopted.

Global report on trends in the prevalence of tobacco use 2000-2025

- ❖ World Health Organisation (WHO) published the 4th edition of this report.
- ❖ As per the report, South-East Asia Region achieved the fastest rate of decline in the use of tobacco.
- ❖ The average prevalence of smoking among men decreased to 25% in 2020, as against 50% in 2000.
- ❖ India and Nepal are likely to achieve a 30% relative reduction in tobacco use in order to meet the Global NCD action target plan by 2025.

Executive board of UNESCO – India



- ❖ India was re-elected to the executive board of UNESCO (United Nations Educational, Scientific and Cultural Organization) for the term of 2021-2025.
- ❖ India was re-elected with 164 votes.
- ❖ Among Group IV Asian & Pacific States, Japan, Vietnam, Philippines, Cook Islands, and China were also elected.

Kamala Harris

- ❖ US Vice-President Kamala Harris on November 19, 2021, became the first female acting President of the United States for one hour and 25 minutes.
- ❖ She is now the first woman ever who held presidential powers in the 250-years-old history of the US.
- ❖ Kamala Harris is the first woman, first African-American and first Asian-American, first Indian-American who holds the second-most powerful position in the USA.
- ❖ The US President Joe Biden temporarily transferred power to Harris while he went under anesthesia for a routine colonoscopy.



BRICS Innovation Action 2021-24

- ❖ It has been prepared in India's leadership.
- ❖ It was agreed by all BRICS countries at the 13th BRICS S&T Committee Meeting hosted by India.



- ❖ It would be one key deliverable of the upcoming BRICS S&T and Innovation Ministerial.

- ❖ It is to be hosted by Department of Science and Technology (DST), India.

Glasgow Climate Deal 2021



- ❖ Big carbon polluting Countries were asked to republish their climate action plans by the end of 2022, with stronger emissions reduction targets for 2030.
- ❖ A pledge in a previous draft to "phase out" coal was instead watered down to a commitment to "phase down" coal.
- ❖ It also included enough financial incentives to almost satisfy poorer nations and solved a long-standing problem to pave the way for carbon trading.
- ❖ The United Nations had set 3 criteria for success, and none of them were achieved.
- ❖ They are,
 - Pledges to cut carbon dioxide emissions in half by 2030
 - \$100 billion in financial aid from rich nations to poor
 - Ensuring that half of that money went to helping the developing world adapt to the worst effects of climate change.

World's richest country – China

- ❖ It is a new report by the research firm McKinsey.
- ❖ China is overtaking the United States for the top spot worldwide in the global wealth.
- ❖ More than two-thirds of the wealth is held by the richest 10% of the households in US and China.
- ❖ Both are the world's biggest economies.
- ❖ The Global wealth has tripled over the last two decades.
- ❖ The world is now wealthier than it has ever been.



International Law Commission

- ❖ Professor Bimal Patel has been elected to the International Law Commission for a five-year term starting January 1, 2023.
- ❖ He is the Vice-Chancellor, Rashtriya Raksha University and Member of National Security Advisory Board of India.
- ❖ He got more number of votes in the Asia-Pacific group that included candidates from China, South Korea and Japan.
- ❖ The International Law Commission was established by the United Nations General Assembly in 1947.



SITMEX-21





- ❖ The 3rd edition of the Trilateral Maritime Exercise named SITMEX-21 was hosted by the Royal Thai Navy in the Andaman Sea.
- ❖ The Navies of the India, Singapore and Thailand will participate in the event.

Largest Recipient of Remittances

- ❖ The latest report titled 'World Bank's Remittance Prices Worldwide Database' was released by the World Bank.
- ❖ India became the world's largest recipient of remittances by receiving USD 87 billion in 2021.
- ❖ The United States was its biggest source, accounting for over 20% of these funds.
- ❖ India is followed by China, Mexico, the Philippines, and Egypt.



Smoking data in World



Commission Report:
**Reignite the Fight
Against Smoking**

commission
The International Commission to
Reignite the Fight Against Smoking

Report No. 1/2021

The Commission is a part of the World Bank Group

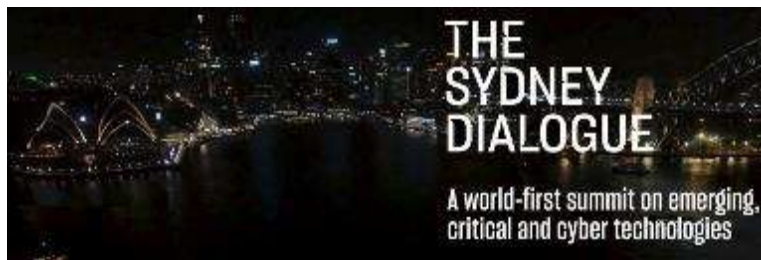
- ❖ The International Commission to Reignite the Fight Against Smoking report was recently published.
- ❖ The report was prepared using secondary data from sources such as World Bank.



- ❖ China has been ranked first and India has been ranked second in the number of smokers aged between 16 and 64 years.
- ❖ India is among the nations having lowest quit rates for smoking.
- ❖ China and India are home 500 million tobacco users aged between 16 and 64 years.

The Sydney Dialogue

- ❖ Prime Minister Narendra Modi has delivered the keynote address at the Sydney Dialogue.
- ❖ He addressed the event on the theme 'India's technology evolution and revolution'.
- ❖ It has been organised by the Australian Strategic Policy Institute.
- ❖ It is an annual summit of cyber and critical technologies to discuss the fallout of the digital domain.



2021 TRACE global Bribery Risk Ranking



- ❖ India has slipped to 82nd position (drop by 5 slots from 2020) in this ranking.
- ❖ Denmark has topped the rankings.
- ❖ It was released by TRACE International.
- ❖ It measures business bribery risk in 194 countries.



7th edition of Indian Ocean Naval Symposium (IONS)

- ❖ IONS Conclave of Chiefs was hosted by the French Navy at Paris.
- ❖ The IONS Chair is presently held with France.
- ❖ IONS was conceived by the Indian Navy in 2008.
- ❖ It seeks to enhance maritime co-operation among Navies of the littoral states of the Indian Ocean Region.



75th anniversary of UNESCO

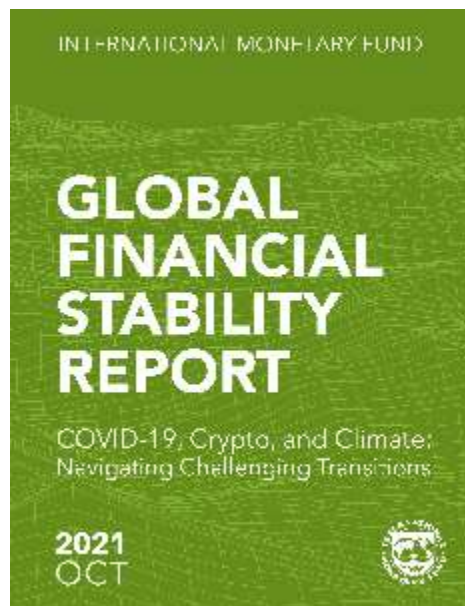


- ❖ United Nations Educational, Scientific and Cultural Organization or UNESCO is a specialised agency of United Nations (UN).
- ❖ It is headquartered at World Heritage Centre in Paris, France.
- ❖ It was founded in 1945 as the successor to the League of Nations' International Committee on Intellectual Cooperation.
- ❖ It works across five major program areas namely, education, social or human sciences, natural sciences, culture and communication or information.



Global Financial Stability Report 2021

- ❖ The International Monetary Fund (IMF) released this report.
- ❖ It is a semi-annual report to assess the stability of global financial markets.
- ❖ As per Global Consumer Survey in 2020, 99 per cent of its respondents responded that they did trade in cryptocurrencies.
- ❖ Nigeria, Vietnam and the Philippines topped the mentioned survey.
- ❖ India ranks higher than China, United States, Germany and Japan in crypto adoption.
- ❖ As per the report, Bitcoin remains the dominant Crypto asset.



Matosinhos Manifesto

- ❖ The European Space Agency (ESA) Council approved the Matosinhos Manifesto to accelerate the use of space in Europe.
- ❖ It aims to tackle the unprecedented societal, economic and security challenges faced by Europe and its citizens.

Global State of Democracy Report, 2021

- ❖ It was recently released by the International Institute for Democracy and Electoral Assistance.
- ❖ The number of countries moving towards authoritarianism in 2020 was higher than that of countries going in the other direction, towards democracy.

- ❖ The reports refer to three main regime types: democracies, hybrid and authoritarian regimes.
- ❖ Hybrid and authoritarian regimes are both classified as non-democratic.
- ❖ The report highlighted the case of Brazil and India as “some of the most worrying examples of backsliding”.
- ❖ However, India remained in the category of a mid-level performing democracy as it has since 2000.
- ❖ The United States and three members of the European Union [Hungary, Poland and Slovenia] have also seen concerning democratic declines.



International Emmy Awards 2021

FULL LIST OF WINNERS AT EMMYS 2021

- Best Performance By An Actress - Hayley Squires for Adult Material (UK)
- Best Performance By An Actor - David Tennant for Des (UK)
- Comedy - Call My Agent Season 4 (France)
- Documentary - Hope Frozen: A Quest To Live Twice (Thailand)
- Drama Series - Tehran (Israel)
- Non-English Language U.S. Primetime Program - 21st Annual Latin GRAMMY Awards (USA)
- Non-Scripted Entertainment - The Masked Singer (UK)
- Short-Form Series - INSIDE (New Zealand)
- The Masked Singer (UK)
- Telenovela - The Song Of Glory (China)
- TV Movie / Mini-Series - Atlantic Crossing (Norway)
- Arts Programming - Kubrick By Kubrick (France)

- ❖ The 49th International Emmy Awards took place in New York City of USA.
- ❖ It honours excellence in television programming produced outside the United States.
- ❖ This year India missed out on International Emmys.

Zircon

- ❖ The Russian Navy successfully test-fired the 'Zircon' Hypersonic Cruise Missile.
- ❖ Russia destroyed its own satellite in low-earth orbit using an Anti-Satellite (ASAT) Missile named 'Nudol',
- ❖ It led to the formation of a cloud of space debris.



US, Australia and UK

- ❖ Australia officially became a part of the new Nuclear-powered Submarine defence alliance with the United Kingdom and the United States after signing a deal with the countries in Canberra, Australia.
- ❖ Under the AUKUS deal, Australia will be provided with 8 nuclear-powered submarines capable of stealthy and long-range missions.
- ❖ It is the first agreement on technology signed by the three countries after the formation of the defence alliance AUKUS (Australia-UK-US).



13th ASEM Summit

- ❖ The 13th edition of the Asia-Europe Meeting (ASEM) Summit was held recently.
- ❖ Indian delegation was led by Vice President M Venkaiah Naidu.
- ❖ It was hosted by Cambodia as the current chair of the grouping.
- ❖ Turkey is the newest member of ASEM joined in 2021.
- ❖ The summit is titled “Strengthening Multilateralism for Shared Growth”.
- ❖ It was held in virtual mode, including all 51-member countries.
- ❖ Apart from members, ASEAN and the European Union will also take part.

2021 Global Nutrition Report

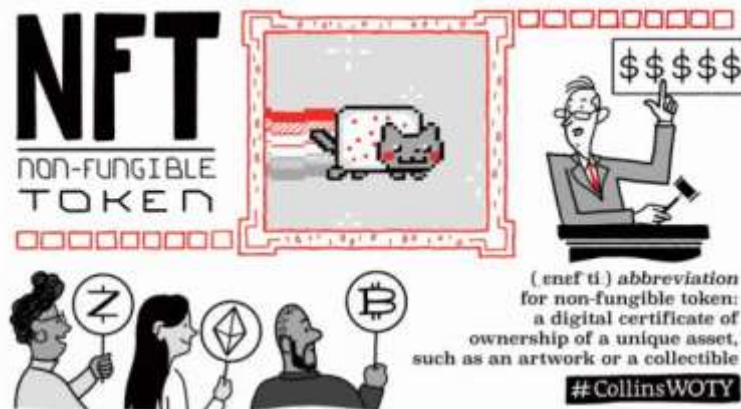
Maternal, infant and young child nutrition targets for 2025		Global non-communicable disease targets for 2025 (diet-related)	
TARGET 1 Under-5 stunting	TARGET: 40% reduction in the number of children under 5 who are stunted DEFINITION: Children aged 0-59 months who are more than 2 standard deviations (SD) below the median height-for-age of the WHO Child Growth Standards	TARGET 4 Salt intake	TARGET: 30% relative reduction in the mean population intake of salt/sodium by 2025 DEFINITION: Mean population recommended intake of salt is 5g/day Mean population recommended intake of sodium is 2g/day
TARGET 2 Anaemia	TARGET: 50% reduction in anaemia in women of non-reproductive age DEFINITION: Prevalence of anaemia is 10 percentage of pregnant women whose haemoglobin level is less than 110 g/L at sea level or 12 percentage of non-pregnant women whose haemoglobin level is less than 120 g/L at sea level	TARGET 6 Adult overweight	TARGET: 25% relative reduction in the prevalence of raised blood pressure or contain the prevalence of raised blood pressure, according to national circumstances DEFINITION: Raised blood pressure is defined as blood pressure systolic and/or diastolic blood pressure ≥140/90mmHg
TARGET 3 Low birth weight	TARGET: 30% reduction in low birth weight DEFINITION: Infants born in each population and over a given period who weigh less than 7.5kg	TARGET 7 Adult obesity	TARGET: Halt the rise in obesity and diabetes DEFINITION: Adult obesity: BMI ≥30kg/m ² Adult diabetes: Diabetes is defined as fasting glucose ≥126mg/dL, on medication for raised blood glucose or with a history of diagnosis of diabetes
TARGET 4 Under-5 overweight	TARGET: No increase in childhood overweight DEFINITION: Children aged 0-59 months who are more than 2 SD above the median weight-for-height of the WHO Child Growth Standards	TARGET 8 Adult diabetes	
TARGET 5 Exclusive breastfeeding	TARGET: Increase the rate of exclusive breastfeeding in the first 6 months to at least 50% DEFINITION: Infants 0-5 months of age who are fed exclusively with breast milk		
TARGET 6 Under-5 wasting	TARGET: Reduce and maintain childhood wasting to less than 5% DEFINITION: Children aged 0-59 months who are more than 2 SD below the median weight-for-height of the WHO Child Growth Standards		

- ❖ This report estimates that about half of the global population is either underweight, overweight, or obese.
- ❖ The Global Nutrition Report is an independent survey conducted annually since 2013.
- ❖ The data show that a quarter of all deaths among adults are attributable to poor diet.
- ❖ The data also tells that the world is not on track to meet five out of six global nutrition targets set by the World Health Organization.

- ❖ Our eating habits are doing tremendous damage to the environment as well, according to the report.
- ❖ Food production currently generates more than a third of all greenhouse gas emissions globally.
- ❖ The Global Nutrition Report, or GNR, said that one serving of red meat is responsible for approximately 100 times the emissions of a serving of plant-based food.
- ❖ But the consumption of red meat is on the rise.

Collins Dictionary names 'NFT' as the Word of the Year 2021

- ❖ Collins Dictionary has named the term 'NFT' as the Word of the Year 2021.
- ❖ NFT is the acronym for “non-fungible token.
- ❖ As per Collins Dictionary, NFT is defined as “a unique digital certificate, registered in a blockchain, that is used to record the ownership of an asset such as an artwork or a collectible.”
- ❖ Collins English Dictionary is published by HarperCollins in Glasgow, Scotland.



World Trade Organization ministerial conference

- ❖ The World Trade Organisation (WTO) has postponed its “World Trade Organization ministerial conference (WTO MC 12).
- ❖ This is due to concerns over the new Omicron Covid-19 variant.
- ❖ The WTO MC 12 was scheduled in November 2021 at Geneva in Switzerland.
- ❖ The WTO’s 12th ministerial conference (MC12) has already been postponed once before, amid the covid-19 pandemic.
- ❖ The WTO conference usually takes place once in two years.



Omicron



- ❖ The World Health Organisation (WHO) designated SARS-CoV-2 variant B.1.1529 as a 'variant of concern'.
- ❖ This variant of SARS-CoV-2 has been named Omicron.
- ❖ This variant was first detected in the Botswana region of South Africa on November 24.
- ❖ South Africa is witnessing a sharp increase in covid-19 infection, coinciding with the detection of the Omicron variant.
- ❖ First known confirmed Omicron infection was from a specimen collected on November 9.
- ❖ The newly detected variant has a large number of mutations.
- ❖ Some of the mutations are concerning.

WISER program

- ❖ Women's Involvement in Science & Engineering Research (WISER) program was launched recently.
- ❖ This is a first-of-its-kind program launched to promote women in the field of research and development by lateral entry.
- ❖ It was launched by Indo-German Science & Technology Centre (IGSTC) to encourage women researchers in R&D projects.
- ❖ The WISER program will enable gender equality as well as the participation of women in Science & Technology through IGSTC's program.



ECONOMY

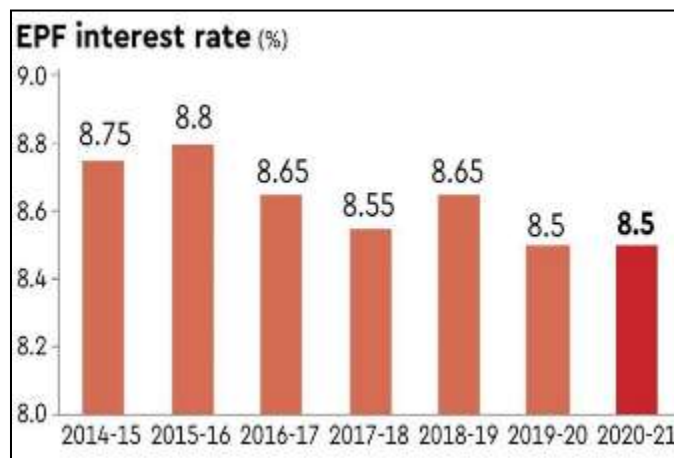
K V Kamath

- ❖ The government of India has appointed K V Kamath as chairperson of the National Bank for Financing Infrastructure and Development (NaBFID).
- ❖ He is a well-known banker in India and is the first head of the New Development Bank (NDB).
- ❖ NaBFID is a newly set up development financial institution (DFIs) in India.
- ❖ It has been set up for infrastructure financing as per the National Bank for Financing Infrastructure and Development (NaBFID) Act 2021.
- ❖ The headquarters of NaBFID is in Mumbai.

Collateral-free Micro loans

- ❖ The Reserve Bank of India has proposed to make micro-lending collateral-free for all the lenders, rather than just for microfinance institutions.
- ❖ The current regulatory framework was implemented with the objective of making credit available to low-income households as well for protecting borrowers from harsh recovery practices of the lenders.
- ❖ This regulatory framework is applicable only to Non-Banking Financial Company - microfinance institutions.
- ❖ In India, loans below Rs.1 lakh are considered small loans or microloans.

Interest rate on EPF



- ❖ The Ministry of Finance has approved the interest rate on employee's provident fund (EPF) deposits for 2020-21 at 8.5%.



- ❖ The rate has been kept unchanged for the year 2019-20.
- ❖ EPF is one fixed-income instrument that is completely tax-free under the exempt-exempt-exempt (EEE) regime, along with PPF and the Sukanya Samriddhi Account.

Bandhan Bank

- ❖ The Reserve Bank of India has now appointed Bandhan Bank as an Agency Bank of the RBI to conduct government business.
- ❖ Bandhan Bank now joins several other private banks that have been empanelled as an Agency Bank of the RBI.
- ❖ Bandhan Bank will now be authorised to handle transactions related to GST, VAT and the collection of state taxes.



Basic duty on crude edible oils

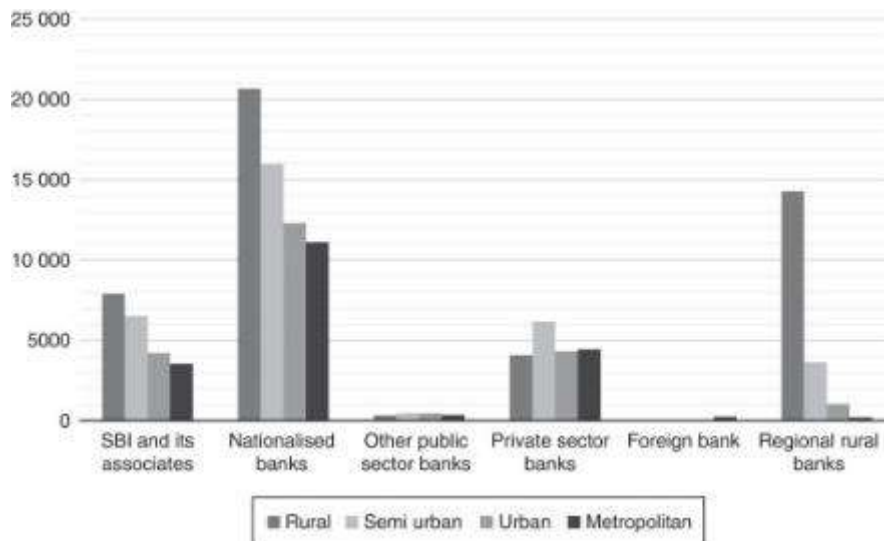
- ❖ The Government of India has slashed the basic duty on crude palm oil, crude soybean oil and crude sunflower oil from 2.5 percent to nil.
- ❖ The Agri-cess on these Oils has been brought down from 20 percent to 7.5 percent for crude palm oil.
- ❖ Also, for crude soybean oil and crude sunflower oil, it has also been brought to 5 percent.
- ❖ The basic duty on RBD Palmolein Oil, Refined Soyabean and Refined Sunflower Oil has been slashed to 17.5 percent from the current 32.5 percent.

Financial Inclusion metrics report

- ❖ The State Bank of India (SBI) has released its Financial Inclusion metrics report.
- ❖ It has been prepared by the Chief Economic Advisor of the SBI group, Soumya Kanti Ghosh.
- ❖ The number of bank branches per 100000 adults in India has increased to 14.7 in 2020 as compared to 13.6 in 2015.
- ❖ This increase was the result of Pradhan Mantri Jan-Dhan Yojana, digital infrastructure etc.



- ❖ This number is higher as compared to Germany, China and South Africa.
- ❖ Internet banking transactions per 1,000 adults have boosted to 13,615 in 2019 as opposed to 183 in 2015.
- ❖ States having higher Pradhan Mantri Jan-Dhan Yojana (PMJDY) accounts balances have reported a decline in crime.
- ❖ States where more PMJDY accounts were opened, reported a significant and economically meaningful drop in consumption of intoxicants like alcohol and tobacco products.
- ❖ The number of 'Banking Outlets in Villages' has increased from 34,174 in March 2010 to 12.4 lakh in December 2020.



Incentives for Agri products

- ❖ The Cabinet Committee on Economic Affairs (CCEA) approved several measures to support farmers of cotton, sugar cane and jute.
- ❖ It has increased the price of ethanol extracted from sugar cane juice to blend it with petrol.
- ❖ It has approved reservation norms for mandatory use of jute in packaging.
- ❖ With this approval, 100% of food grains and 20% of sugar are required to be packed in jute bags.
- ❖ Ethanol blending with petrol is expected to reach 10% by 2022 and 20% by 2025.
- ❖ The Oil marketing companies purchase ethanol from distilleries and sugar mills at the rate set by Government.
- ❖ Ethanol blending programme reduced the dependence on crude oil imports.

Customer-centric initiatives



Reserve Bank of India
introduces two innovative and customer centric schemes

RBI Retail Direct Scheme

- New avenue for retail investment in government securities
- Retail investors can easily open and maintain their government securities account online with the RBI, free of cost
- Buying and selling of government securities by retail investors on the digital platform

Reserve Bank - Integrated Ombudsman Scheme

- 'One Nation-One Ombudsman' with one portal, one email and one address
- Single reference point for customers to file complaints, submit documents, track status and provide feedback
- Integrated scheme for customer complaints against RBI regulated entities
- Toll-free number for assistance in filing complaints and obtaining information on grievance redress.

- ❖ The Prime Minister Narendra Modi has launched two innovative customer-centric initiatives of the Reserve Bank of India (RBI).
- ❖ These initiatives are the RBI Retail Direct Scheme and the Reserve Bank - Integrated Ombudsman Scheme.
- ❖ The RBI Retail Direct Scheme is aimed at enhancing access to the government securities market for retail investors.
- ❖ It offers them a new avenue for directly investing in securities issued by the Government of India and the state governments.
- ❖ The Reserve Bank- Integrated Ombudsman Scheme aims to further improve the grievance redress mechanism for resolving customer complaints against entities regulated by RBI.
- ❖ The central theme of the scheme is based on 'One Nation-One Ombudsman' with one portal, one email and one address for the customers to lodge their complaints.

Ombudsman mechanism

- ❖ The Reserve Bank of India has announced to introduce the Internal Ombudsman mechanism for the following two types of Non-Banking Financial Companies (NBFCs).
- ❖ These two types of NBFCs are

- Deposit-taking NBFCs (NBFCs-D) with 10 or more branches and
- Non-Deposit taking NBFCs (NBFCs-ND) with asset size of Rs.5,000 crore and above having a public customer interface.

Global Services Conclave 2021

- ❖ The union minister Piyush Goyal said that India is poised to achieve the Services Export target of \$1 trillion by 2030.
- ❖ He was terming the 'Services' sector as the key driver of India's economic growth.
- ❖ Services sector provides employment to nearly 2.6 crore people and contributes approximately 40 per cent to India's total global exports.
- ❖ The services trade surplus was USD 89 billion in 2020-21 and it has been the largest FDI recipient.
- ❖ The theme of this conclave held at Delhi was 'India Serves: Exploring Potential Growth Sectors Beyond IT/ITes'.



India USA Trade

- ❖ The U.S remains India's biggest trading partner and largest export market with trade.
- ❖ It was from approximately \$20 billion in 2001 to over \$145 billion in 2019
- ❖ It was released at the India-U.S. Tech Conclave of Bengaluru Tech Summit 2021.

Digital Lending

- ❖ The Reserve Bank of India released the report of the Working Group on Digital Lending.



- ❖ It is headed by Jayant Kumar Das.
- ❖ It has called for a legislation against illegal digital lending activities as well as a verification process for these lenders and a self-regulatory organisation.

Statement of Commitment to Support Greening India



- ❖ The Reserve Bank of India (RBI) recently published this report.
- ❖ In this report, the RBI supports Network for Greening the Financial System (NGFS).
- ❖ RBI joined this NGFS on April 23, 2021 as member.
- ❖ NGFS is a network of 83 central banks and financial supervisors.
- ❖ The network aims to accelerate the scaling up of green finance.
- ❖ It also seeks to develop recommendations for role of central banks for climate change.
- ❖ Its secretariat is hosted by the Banque de France.
- ❖ Dutch central banker Frank Elderson is the current chair of NGFS.
- ❖ The NGFS was announced in the year 2017, at the Paris “One Planet Summit”.

Reduction of importing Noncoking coal

- ❖ India has substantially reduced the imports of Coal, including high GCV thermal coal used for industrial purposes and low GCV that goes for power generation
- ❖ India has been importing coal to bridge the gap between the requirement of coal and the domestic production in the country.
- ❖ The imports of low-Grade calorific value (GCV) of Non-Coking Coal are mainly used in power sector.
- ❖ But the imported Coking Coal is mainly used in the steel sector.

Domestic workers' survey

- ❖ The first All-India Survey on Domestic Workers was recently flagged off.
- ❖ It is being carried out by the Labour Bureau.
- ❖ It is aimed at estimating the number of domestic workers at the national and State levels, those engaged in informal employment, and migrant and non-migrant workers.



The transition from Equalisation Levy 2020

- ❖ Recently, India and the USA agreed on a transition from India's charge of 2% Equalisation Levy 2020 on e-commerce supplies & the US' trade action regarding the said Equalisation Levy under the 2-Pillar Solution.
- ❖ This transitional approach that will begin from April 1, 2021 is taken under the Two-Pillar Solution to Tax Challenges of Digital Economy.

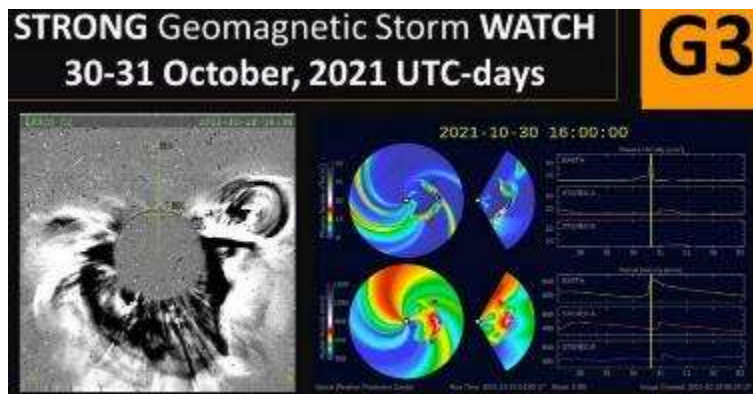
JP Morgan - world's most systemic bank

- ❖ JPMorgan Chase has once again been named the world's most important bank to the health of the wider financial system.
- ❖ This is according to the latest annual ranking of top lenders by global regulators.
- ❖ The Financial Stability Board (FSB), made up of regulators from G20 countries, published its latest table of the world's 30 most systemic banks.

SCIENCE AND TECHNOLOGY

Geomagnetic storm

- ❖ The US Space Weather Prediction Center (SWPC) confirmed that the X1-class solar flare currently erupted from a sunspot called AR2887.
- ❖ It was positioned in the centre of the Sun and facing the Earth, based on its location.
- ❖ The geomagnetic storm that was set to hit Earth on October 30 has been rated as G3 on the 5-step scale of ranking of solar events.
- ❖ The impact of a G3 solar storm is generally nominal.



Guangmu





- ❖ China has launched an Earth science satellite called Guangmu into space.
- ❖ It is launched from the Taiyuan Satellite Launch Center in the northern Shanxi Province.
- ❖ The satellite was sent by a Long March-6 carrier rocket and has entered the planned orbit.
- ❖ The satellite (SDGSAT-1) is the world's first space science satellite dedicated to serving the UN 2030 Agenda for Sustainable Development.

New mission to study storms - NASA

- ❖ NASA has selected a new Earth Science mission that will study the behaviour of tropical storms and thunderstorms, including their effect on the weather and climate change.
- ❖ The US Space Agency informed that this mission will be a collection of three SmallSats, flying in tight coordination.
- ❖ It will be called Investigation of Convective Updrafts (INCUS).
- ❖ It is expected to be launched in 2027 as part of NASA's Earth Venture Programme.

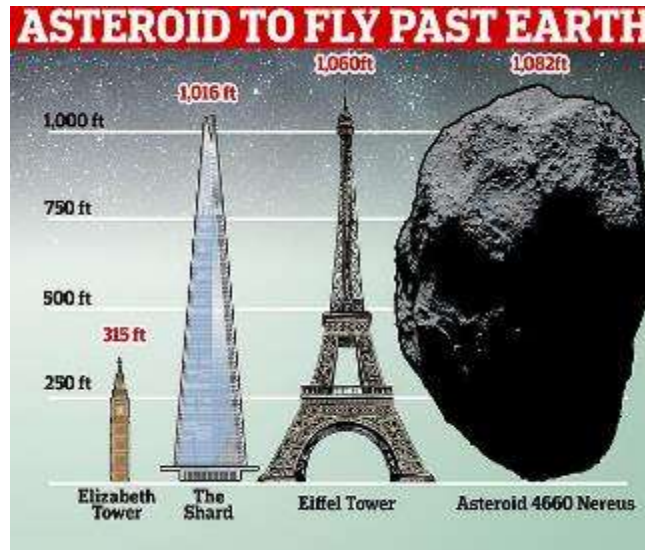
Leonids Meteor Shower



- ❖ The annual Leonids Meteor Shower has started and will be active between November 6 and 30 of 2021.
- ❖ The Meteor Shower will reach its peak on November 17.
- ❖ The peak time of the meteor shower comes when Planet Earth passes through the densest part of the debris.
- ❖ On November 17, viewers from the earth will witness bits of cosmic debris.
- ❖ The debris forming this meteor shower originates from a small comet named "55P/Tempel-Tuttle" in the constellation Leo.
- ❖ It takes 33 years to orbit around the sun.

4660 Nereus

- ❖ It is an asteroid, the size of the Eiffel Tower, heading towards Earth in December, according to NASA.
- ❖ The space agency confirmed that there is no need to panic as its asteroid tracker says that the “potentially hazardous” rock will fly by the Earth on December 11.



Kamo'oalewa



- ❖ The asteroid Kamo'oalewa is a quasi-satellite of the Earth.
- ❖ It is Earth's wobbly companion that was spotted in 2006 by the PanSTARRS telescope in Hawaii.
- ❖ It is a near-Earth object (NEO) that orbits the Sun and gets as close as about 9 million miles from Earth.
- ❖ It was named Kamo'oalewa, a word that is part of a Hawaiian chant and alludes to an offspring that travels on its own.



Longest Partial Lunar Eclipse of The Century

- ❖ On November 19 in the morning, several countries will witness the second lunar eclipse of 2021.
- ❖ It will be the longest Partial lunar eclipse of the century.
- ❖ 4% of the moon's diameter will be immersed in the dark umbral shadow of Earth at maximum eclipse.
- ❖ In India, a small part of Arunachal Pradesh and Assam will observe the partial eclipse.
- ❖ The end part of the eclipse will be visible from Bihar, Uttar Pradesh, and Jharkhand.



DA-ASAT missile

- ❖ A direct-ascent anti-satellite (DA-ASAT) missile was tested by Russia.
- ❖ DA-ASAT missile struck a Russian satellite called COSMOS 1408, as a result, debris field in low-Earth orbit.
- ❖ This test has generated about 1500 pieces of trackable orbital debris, so far.
- ❖ It will generate hundreds of thousands of pieces of smaller orbital debris, in future tests.
- ❖ As per the initial assessment of USSPACECOM, these debris will remain in orbit for years.
- ❖ As a result, it poses a significant risk for the crew on the International Space Station.

41st Scientific Expedition to Antarctica

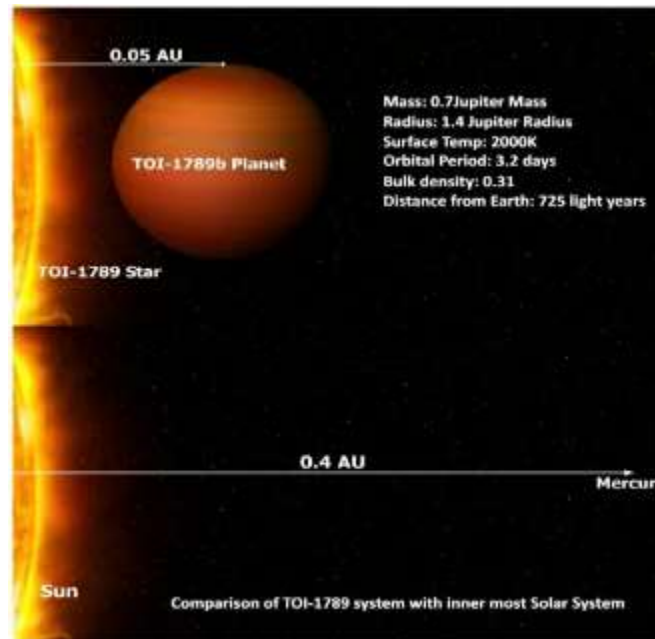
- ❖ India successfully launched the 41st Scientific Expedition to Antarctica.
- ❖ The first batch of its contingents comprising of 23 scientists and support staff has reached the Indian Antarctic station Maitri.
- ❖ Four more batches will be landing in Antarctica by mid-January 2022.

- ❖ The Indian Antarctic program began in 1981 and has completed 40 scientific expeditions.



Exoplanet by Indian Scientists

- ❖ The Indian scientists led by Abhijit Chakraborty discover exoplanet 1.4 times bigger than Jupiter.
- ❖ This new exoplanet is with a mass of 1.5 times that of the Sun and about 1.4 times bigger than Jupiter.



- ❖ This exoplanet is known as TOI 1789 as per the TESS catalogue and HD 82139 as per the Henry Draper catalogue.



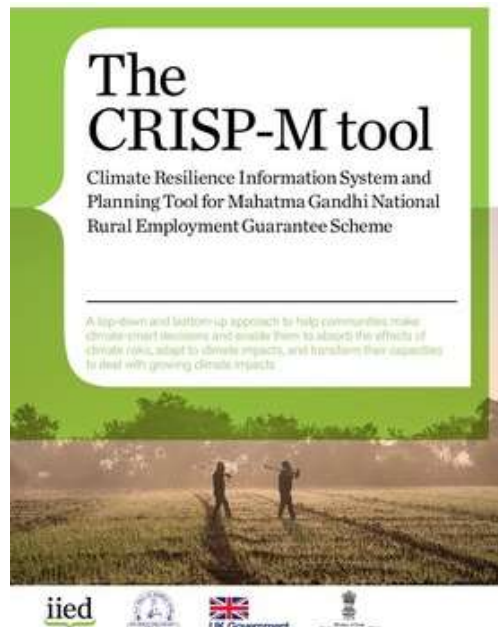
- ❖ It has been discovered by the Ahmedabad-based Physical Research Laboratory (PRL).
- ❖ They used the PRL Advanced Radial-velocity Abu-sky Search (PARAS) optical fibre-fed spectrograph on the 1.2 metre Telescope of PRL at its Mt. Abu Observatory.

Spirofy



- ❖ It is India's first pneumotach based portable, wireless Spirometer.
- ❖ It was launched by Cipla.
- ❖ It intends to revolutionize Obstructive Airway Disease (OAD) diagnosis.
- ❖ Spirometry is the gold standard for Chronic obstructive pulmonary disease (COPD) diagnosis.
- ❖ Currently, the COPD remains the 2nd most common cause of death in India after heart diseases.
- ❖ India alone bears 32% of the global COPD burden.

CRISP-M for MGNREGA



- ❖ Ministry of Rural Development reaches an important milestone with the completion of Geographical Information System (GIS) plans for around 75% Gram Panchayats (GPs) under Mahatma Gandhi NREGA.
- ❖ This tool was developed jointly by the Ministry of Rural Development and the British Government.
- ❖ CRISP-M will enable the local communities to understand the impact of changing climate in terms of various geophysical parameters
- ❖ Climate Resilience Information System and Planning (CRISP-M) tool will integrate this GIS-based planning data with the climate data.

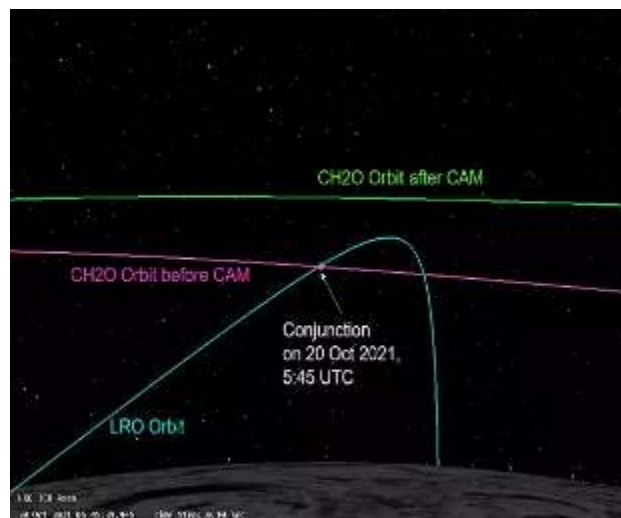
41st Scientific Expedition to Antarctica

- ❖ It is managed by “National Centre for Polar and Ocean Research (NCPOR), Goa”.
- ❖ NCPOR is an autonomous institute working under Ministry of Earth Sciences.
- ❖ Indian Antarctic programs started in 1981.
- ❖ The programs helped in building three permanent research base stations in Antarctica
 - Dakshin Gangotri in 1983,
 - Maitri in 1988 and
 - Bharati in 2012.

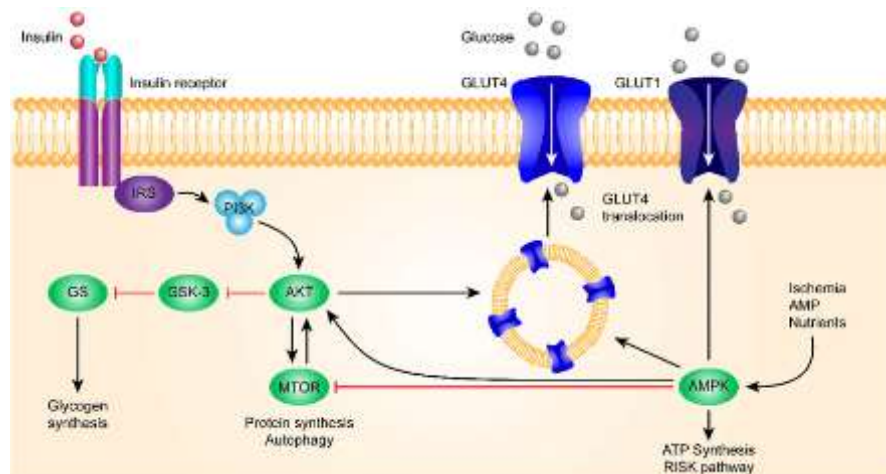


ISRO Chandrayaan-2 and NASA's LRO

- ❖ ISRO's Chandrayaan-2 and NASA's Lunar Reconnaissance Orbiter (LRO) orbit the Moon in a polar orbit.
- ❖ Both Orbiters came close to each other.
- ❖ Chandrayaan-2 Orbiter has been orbiting the Moon for the last two years.
- ❖ Both, ISRO and NASA agreed to a collision avoidance manoeuvre (CAM) to avoid the collision of both their Orbiters.
- ❖ Collision avoidance manoeuvres (CAM) are a common thing for satellites in Earth orbit to avoid them from colliding because of space objects including other satellites and space debris



Insulin signalling & Tissue Health



- ❖ A new study has uncovered how insulin amounts shape the flow of information through the signalling network.



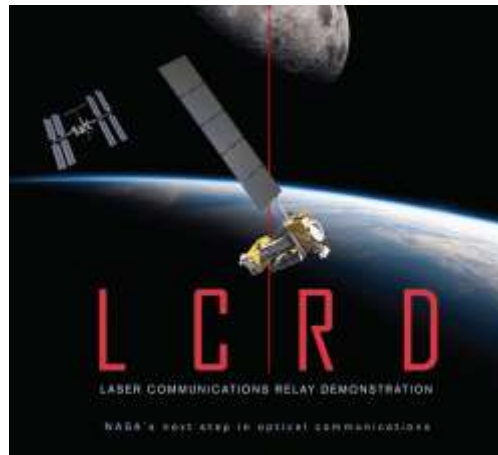
- ❖ Insulin signalling is a series of biochemical reactions that convey information about availability of insulin and the necessity to regulate the glucose in the blood.
- ❖ There are 2 main pathways for insulin signalling (AKT and ERK).
- ❖ They together balance metabolism and growth.
- ❖ These specifically control storage of glucose in the liver and also stimulate glucose transport in skeletal muscle and fat.

Blue Origin litigation

- ❖ The NASA has pushed back its schedule for landing the astronauts on the Moon by a year to 2025.
- ❖ It was due to dispute with Elon Musk's Space X to build a lunar lander.
- ❖ Jeff Bezos's space company is known as Blue Origin.

NASA's Laser Communications Relay Demonstration (LCRD)

- ❖ NASA is set to test a "Laser Communications Relay Demonstration (LCRD) technology" in space.
- ❖ This is to be done with the aim of speeding up space communications.
- ❖ The mission will be launched from Cape Canaveral Space Force Station in Florida.



Prawn Nebula

- ❖ The Hubble Telescope has observed "Prawn Nebula".
- ❖ It is a massive stellar nursery located around 6,000 light-years away in the Scorpion constellation.



- ❖ Astronomers classify the Prawn Nebula as an emission nebula.
- ❖ This means that its gas has been energized, or ionized, by the radiation of neighbouring stars.

DART mission

- ❖ The US space agency NASA has launched a first-of-its-kind mission named DART.
- ❖ This is to change the path of an asteroid by intentionally crashing a spacecraft into it.
- ❖ DART stands for Double Asteroid Redirection Test.
- ❖ The DART mission was launched from Vandenberg Space Force Base in California atop a SpaceX Falcon 9 rocket.



SWOT Mission

- ❖ The Surface Water and Ocean Topography Mission will be launched in November 2022.
- ❖ SWOT Mission is a collaboration between NASA and the Space Agency of France National Centre for Space Studies (CNES), with contributions from the UK Space Agency and the Space Agency of Canada.
- ❖ The SWOT Mission satellite will accumulate the data on the height of the planet's salt and fresh water-which will include oceans, lakes, and rivers.
- ❖ It will enable the researchers in tracking the volume and location of water all around the world.



Discovery of stars

- ❖ Astronomers from the Pune-based National Centre for Radio Astrophysics (NCRA) have discovered eight stars.
- ❖ They belong to a rare class called Main-sequence Radio Pulse emitters or MRPs.
- ❖ MRPs were discovered using 'Giant Metre-wave Radio Telescope (GMRT)' located in Pune.
- ❖ The team had also discovered three more similar stars in the past using Giant Metre-wave Radio Telescope (GMRT).
- ❖ Thus, there are 15 known MRPs so far.
- ❖ 11 MRPs were discovered with GMRT.
- ❖ Eight of MRPs were discovered in 2021 alone.

Oxygen in Regolith

- ❖ The Moon's top layer of rocks, known as Regolith, has enough oxygen to sustain 8 billion people of Earth for nearly 100,000 years.
- ❖ This is according to the meteorite information report of Washington University in St. Louis.
- ❖ The report stated that usable oxygen can be extracted from the Regolith which can eventually be used to support human life.

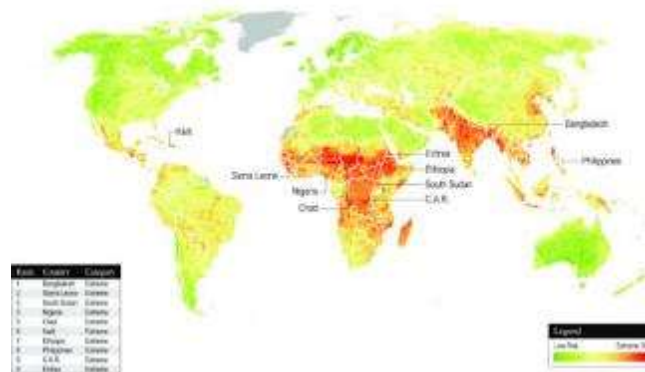
ENVIRONMENT

UN's SDG Report 2021 - JGU

- ❖ OP Jindal Global University released the first-of-its-kind Implementing the Sustainable Development Goals: Role of Universities and Civil Society in Protecting the Environment Report.
- ❖ This maps its compliance towards the 17 Sustainable Development Goals (SDGs) set by the United Nations.

Climate Vulnerability Index

- ❖ The Environmental think tank Council on Energy, Environment and Water has carried a first-of-its-kind district-level climate vulnerability assessment, or Climate Vulnerability Index (CVI).
- ❖ It has analysed 640 districts in India to assess their vulnerability to extreme weather events such as cyclones, floods, heatwaves, droughts, etc.
- ❖ According to CVI, Assam, Andhra Pradesh, Maharashtra, Karnataka and Bihar are most vulnerable to extreme climate events such as floods, droughts and cyclones in India.
- ❖ Dhemaji and Nagaon in Assam, Khammam in Telangana, Gajapati in Odisha, Vizianagaram in Andhra Pradesh, Sangli in Maharashtra, and Chennai in Tamil Nadu are among India's most climate-vulnerable districts.



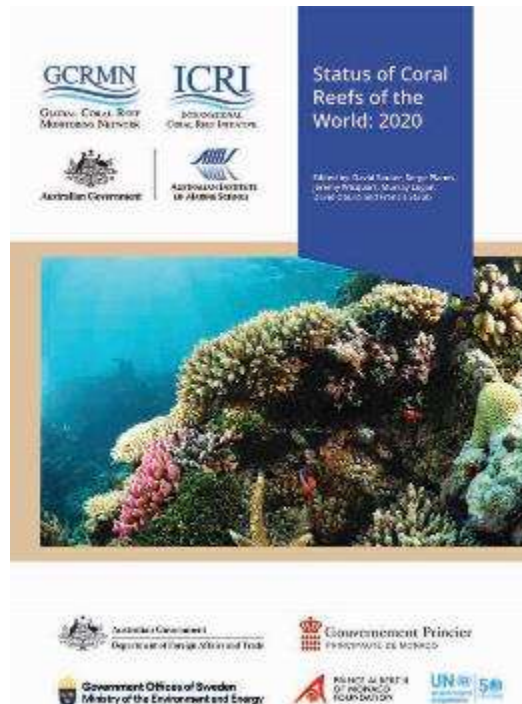
Arctic Terns

- ❖ The annual migration of birds including the Arctic Terns from the Arctic to the Gulf of Mannar Marine Biosphere Reserve has begun.
- ❖ The seasonal migration occurs every year over the Central Asian Flyway (CAF).
- ❖ Arctic Terns (*Sterna paradisaea*) are small water-loving birds with angular wings.

- ❖ They are well known for their long yearly migration.
- ❖ It migrates from pole to pole (the Arctic to Antarctica); travelling 70,000 km each year.



Status of Coral Reefs of the World: 2020 report





- ❖ The report was produced by the Global Coral Reef Monitoring Network.
- ❖ It provides the most detailed scientific picture to date of the toll elevated temperatures have taken on the world's reefs.
- ❖ Close to 14 per cent of the world's coral reefs have been lost since 2019.

India endorses Emission list

- ❖ India officially endorsed a website made by Indian climate experts, listing the historical carbon dioxide emissions of developed countries.
- ❖ An emission list was created with the aim of highlighting the disparity between the emissions of developed and developing countries.
- ❖ Countries like the United States, Australia, Canada & countries in Western Europe are shown as having a net carbon debt.
- ❖ Developing countries like India & China are having net credit.
- ❖ Thus, the database highlights that, it is only fair that developed countries should commit to steeper targets for curbing emissions as compared to developing countries.

Note

- ❖ India is the third-largest emitter of carbon emissions on yearly basis.
- ❖ However, it is the sixth-largest with respect to its historical emissions.
- ❖ When the size of its population is considered, it is among the lowest per capita emitters.

USA and ISA

- ❖ The United States of America (USA) has joined the International Solar Alliance (ISA) as a member country.
- ❖ U.S is now the 101st country to sign the framework agreement of the ISA.
- ❖ The framework agreement was formally signed by John Kerry, the U.S. Special Presidential Envoy for Climate, at the COP26 climate summit in Glasgow, Scotland.
- ❖ The US also joined the steering committee of the “One Sun One World One Grid” initiative that includes Australia, France, the UK and India.
- ❖ The International Solar Alliance was launched in 2015 by PM Modi and the former President of France Francois Hollande.
- ❖ It was during the 21st session of the United Nations Climate Change Conference of the Parties (COP-21) in Paris, France.



United States of America

UNITED STATES OF AMERICA SIGNS THE FRAMEWORK AGREEMENT OF THE INTERNATIONAL SOLAR ALLIANCE (ISA)

e-AMRIT Portal



- ❖ India launched an electric vehicle awareness web portal called e-Amrit at the COP26 Summit in Glasgow, Scotland.
- ❖ It has been developed in collaboration between NITI Aayog and UK government as part of the India-UK Joint Roadmap 2030.
- ❖ e-AMRIT portal stands for “Accelerated e-Mobility Revolution for India’s Transportation”.

Deocha Pachami Harinsingha Dewanganj



- ❖ It is the world's second-largest coal block located in Birbhum district of West Bengal.
- ❖ West Bengal Chief Minister Mamata Banerjee announced a compensation package of ₹10,000 crore for the ones who would get displaced or affected by this project.

Amazon Deforestation



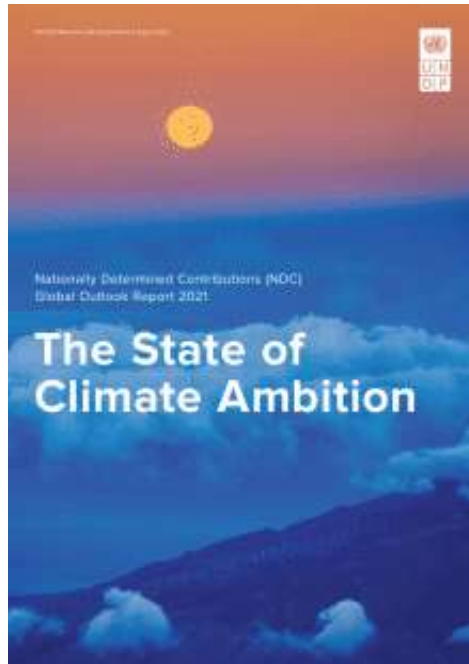
- ❖ As per the recent data, the area deforested in Amazon Forest of Brazil has reached a 15-year high.
- ❖ Amazon rainforest is a moist broadleaf tropical rainforest, located in Amazon biome.
- ❖ Amazon represents more than half of Earth's remaining rainforests.
- ❖ Main causes of deforestation in the Amazon are human settlement and development of the land.
- ❖ Forest fires are another reason of deforestation.

Cryptocarya Muthuvariana

- ❖ It is a new plant species from the forest area of Idukki, where Muthuvar tribal community resides
- ❖ These species of the tree belong to genus *Cryptocarya*.
- ❖ Muthuvan people were loyal subjects of Madurai dynasty.



Global Outlook Report 2021: The State of Climate Ambition



- ❖ It is the provisional data from the World Meteorological Organization report.
- ❖ It was released at a press conference on the opening day of the United Nations climate change negotiations, COP26.
- ❖ The past seven years are on track to be the seven warmest on record, based on data for the first nine months of 2021.
- ❖ A temporary cooling “La Niña” event early in the year means that 2021 is expected to be “only” the fifth to seventh warmest year on record.
- ❖ Global sea level rise accelerated since 2013 to a new high in 2021, with continued ocean warming and ocean acidification.

6th Adaptation Gap Report 2021 – The Gathering Storm

- ❖ It was released by the United Nations Environment Program.
- ❖ The report finds that there is an urgent need to step up climate adaptation finance.
- ❖ COVID-19 recovery stimulus packages are also becoming a lost opportunity to finance climate adaptation.
- ❖ Even if the world limits warming to 1.5°C, many climate risks remain and will be irreversible.



State of Global Climate 2021

- ❖ It was released by the World Meteorological Organisation (WMO).
- ❖ It has stated that the last seven years have been the warmest on record and global sea-level rise accelerated since 2013, reaching a new high in 2021.
- ❖ The report has attributed the record sea-level rise to warming up and acidification of ocean waters.
- ❖ During the COP-26, the WMO launched the Water and Climate Coalition to coordinate water and climate action.
- ❖ It also launched the Systematic Observations Financing Facility to improve weather observations and forecasts.



IQAir Data - 2020 World Air Quality Report

CAUSE FOR CONCERN
Of the 15 most polluted cities, 13 were in India

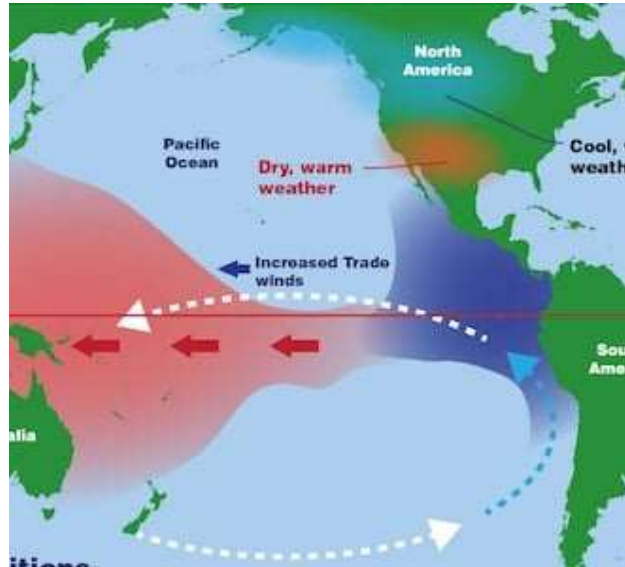
Rank	City	2020 AVG PM2.5
1	Hotan, China	110.2*
2	Ghaziabad	106.6
3	Bulandshahr	98.4
4	Bisrakh Jalalpur	96
5	Bhiwadi	95.5
6	Noida	94.3
7	Greater Noida	89.5
8	Kanpur	89.1
9	Lucknow	86.2
10	Delhi	84.1
11	Faridabad	83.3
12	Meerut	82.3
13	Jind	81.6
14	Hisar	81.1
15	Kashgar, China	81

*Unit: $\mu\text{g}/\text{m}^3$
SOURCE: 2020 WORLD AIR QUALITY REPORT

- ❖ Air quality is determined by looking after the levels of air pollutants like PM2.5, PM10, ozone, sulfur dioxide, nitrogen dioxide, and carbon monoxide.
- ❖ India had 46 of the world's 100 most polluted cities in 2020.
- ❖ India is followed by China (with 42 cities), Pakistan (with 6 cities), Bangladesh (with 4 cities)
- ❖ India accounts for 9 of the top 10 most polluted cities worldwide.
- ❖ These 9 cities are Ghaziabad, Bulandshahr, Bisrakh Jalalpur, Bhiwadi, Noida, Greater Noida, Kanpur, Lucknow, and Delhi.
- ❖ New Delhi was the world's most polluted capital for the third straight year in 2020.
- ❖ It is estimated that 20 to 40 per cent of Delhi's air pollution comes from agricultural burning in and around the national capital.

- ❖ In 2020, Hotan city in China's Xinjiang province had the worst average air quality.
- ❖ IQAir is a Swiss air quality technology company.

La Nina



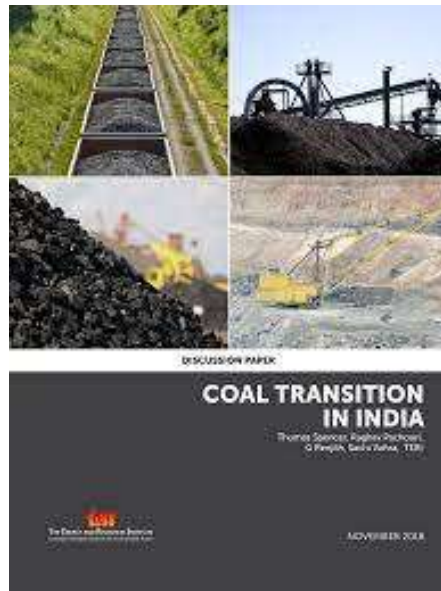
- ❖ Australia declared that a La Nina weather phenomenon had developed in Pacific Ocean for the second consecutive year.
- ❖ La Nina is an oceanic and atmospheric phenomenon.
- ❖ During La Nina period, sea surface temperature across eastern equatorial part of central Pacific Ocean becomes lower than normal by 3–5 °C.
- ❖ Phenomenon of La Nina is usually associated with more tropical cyclones, greater rainfall, and cooler than average temperatures in equatorial Pacific Ocean.
- ❖ It is a colder counterpart of El Nino.
- ❖ It is a part of broader El Nino–Southern Oscillation (ENSO) climate pattern.

Socio-economic impacts of coal transition in India

- ❖ It was released by the think tank National Foundation for India (NFI).
- ❖ It gathered data from assessing around 266 coal-bearing districts in nine states in India namely Jharkhand, Maharashtra, Odisha, West Bengal, Telangana, Chhattisgarh, Andhra Pradesh, Madhya Pradesh, and parts of Uttar Pradesh.
- ❖ The report further noted that Jharkhand will be worst impacted during the coal transition to renewable energy sources.



- ❖ The report showed 135 districts out of these 266 coal-bearing districts in India will be affected severely due to phasing out of coal.



STATES

Kannada Rajyotsava



- ❖ Around 5 lakh singers sang popular Kannada songs at 1000 iconic tourist attractions in Karnataka.
- ❖ The event has been organized as part of the state government's Kannada Rajyotsav celebrations.
- ❖ Kannada Rajyotsava or Karnataka Day or Karnataka Formation Day is celebrated on November 1 every year.
- ❖ In 1965, on this day, all the Kannada language-speaking regions of South India were merged to form the state of Karnataka.

FIFA football for school programme

- ❖ Kalinga Institute of Social Sciences (KISS), Bhubaneswar has launched the world's first-ever FIFA Football for School Programme at KISS.
- ❖ Football for Schools (F4S) is a worldwide programme run by FIFA.
- ❖ It aims to contribute to the education, development and empowerment of around 700 million children.

Caste based census - Andhra Pradesh

- ❖ Andhra Pradesh Cabinet has decided to request the Centre to take up a caste-based census to mention other backward classes (OBCs) in the national census for 2021.
- ❖ Recently the Telangana government also adopted a similar resolution in the state assembly.
- ❖ Andhra Pradesh cabinet has also approved the formation of a separate department for the welfare of economically weaker sections.
- ❖ This department was created with the aim of implementing welfare schemes for upper caste poor people.

Aromatic garden - Uttarakhand

- ❖ Uttarakhand gets India's largest aromatic garden in the Nainital district.
- ❖ The research wing of the Uttarakhand forest department inaugurated the biggest aromatic garden of India in Lalkuan of Nainital district.
- ❖ The garden has 140 different species of aromatic species from across India.



Apple Festival

- ❖ Union Agriculture Minister, Narendra Singh Tomar and Lt Governor, Manoj Sinha have virtually inaugurated Apple Festival.



- ❖ This is organized for the first time in Srinagar, Jammu and Kashmir.
- ❖ With an annual production of more than 2 million metric tonnes, apple from J&K contributes to 87% of the national production.

Indus River dolphin - Census

- ❖ The state of Punjab is set to start the Census of Indus River dolphin.
- ❖ Indus River dolphin is scientifically called *Platanista gangetica minor*.
- ❖ It is a freshwater dolphin, found in the river Beas.
- ❖ The project will be implemented over five years.
- ❖ In 2019, the Indus River dolphin was declared as the State aquatic animal of Punjab.

Health Systems – Meghalaya



- ❖ The Indian government and the World Bank have signed an MoU.
- ❖ This is for improving the quality of health services in Meghalaya.
- ❖ The project is dubbed as “Meghalaya Health Systems Strengthening Project”.
- ❖ The project will enhance the management & governance capabilities of the state as well as its health facilities.

International Seed Conference - Telangana

- ❖ Telangana has been invited to participate in a conference which will be held virtually by Food and Agriculture Organisation.
- ❖ International Seed Conference is a two-day conference.
- ❖ It will be held on November 4 & 5 of 2021 in Rome, Italy.
- ❖ The conference is being organised to discuss the development of the seed industry.

Janasevaka Scheme



- ❖ The Janasevaka Scheme was launched by the Karnataka Government.
- ❖ The scheme aims to provide 56 government services at the doorsteps of the people.
- ❖ Under the scheme, the services such as property Khata certificate, caste certificate and widow pension benefits are to be provided at door steps.

Mega-scale Maleic Anhydride Plant

- ❖ State-owned Indian Oil Corp (IOC) will set up India's first mega-scale Maleic Anhydride Plant at its Panipat refinery and petroleum complex (PRPC) in Haryana.
- ❖ This is to manufacture value-added chemical products.
- ❖ The project is proposed to have a capacity of 120,000 tonnes per annum of Maleic Anhydride (MAH).
- ❖ This would be used to make speciality products like polyester resins and surface coatings plasticisers, agrochemicals and lubricant additives.





Gujarati New Year

- ❖ Gujarati New Year, dubbed as Bestu Varas, was observed on November 5.
- ❖ This day is observed on Pratipada Tithi of the Kartik month of Hindu calendar.
- ❖ Shukla Paksha marks the beginning of Gujarati New Year.
- ❖ Bestu Varas is related to lord Shri Krishna.

Rooftop drive-in theatre

- ❖ The first open-air rooftop drive-in movie theatre in India has been inaugurated at Jio World Drive mall of Reliance Industries in Mumbai, Maharashtra.
- ❖ The drive-in theatre will be operated and managed by the multiplex chain PVR Ltd.
- ❖ The first movie screened at the theatre was Akshay Kumar's Sooryavanshi.

Bamboo made cricket bat



- ❖ Bamboo and Cane Development Institute (BCDI) of Tripura along with the North East Centre of Technology Application and Reach (NECTAR) claimed to have developed the country's first-ever bamboo made cricket bat.
- ❖ For the development of the bats, the hard Boom (local name) bamboo has been utilized
- ❖ These bats could be used in all forms of cricket.
- ❖ The most preferred wood for the production of cricket bats is willow.

Tissue Culture-Based Seed Potato Rules - Punjab

- ❖ The Punjab Cabinet headed approved the 'Punjab Tissue Culture Based Seed Potato Rules-2021'.



- ❖ This is to develop Punjab as a standard potato seed centre.
- ❖ With this decision, Punjab has become the first Indian state to have the facility of tissue culture-based certification.
- ❖ This will develop the Jalandhar-Kapurthala belt of Punjab as the export hub of potatoes.
- ❖ The Cabinet also approved to introduce the 'Punjab Horticulture Nursery Bill-2021' by amending 'Punjab Fruit Nursery Act-1961'.

Kittur Karnataka

- ❖ The Mumbai-Karnataka region has been renamed 'Kittur Karnataka'.
- ❖ This was after the Karnataka Chief Minister Basavaraj Bommai's announcement earlier this month
- ❖ Hyderabad-Karnataka region has been already renamed as 'Kalyana Karnataka'.

Onake Obavva Jayanti

- ❖ From this year, the Karnataka State government has decided to celebrate 'Onake Obavva Jayanti' on November 11 throughout the state.
- ❖ She is a woman warrior who fought the forces of Hyder Ali single-handedly with a pestle (onake in Kannada) in Chitradurga in the 18th century.
- ❖ She died protecting the Chitradurga Fort, which was ruled by Madakari Nayaka in the 18th century.
- ❖ Obavva is considered to be the epitome of Kannada pride and celebrated along with other women warriors of Karnataka state.



Resolution against Farm laws - Punjab Assembly

- ❖ Punjab Assembly adopted a resolution against the Centre's three contentious farm laws on November 11, 2021.
- ❖ This resolution was passed after claiming those farm laws had unlawfully ventured into the state government's domain.
- ❖ This is the second resolution adopted by Vidhan Sabha against three agriculture laws.
- ❖ The first resolution was passed in October 2020.
- ❖ The new resolution was moved by state Agriculture Minister Randeep Singh Nabha.

Punjabi made compulsory in Punjab schools

- ❖ The Chief Minister of Punjab, Charanjit Singh Channi, announced that Punjabi will now be a compulsory subject for all students in the state of Punjab.
- ❖ The Punjabi language will be made compulsory from classes 1-10.
- ❖ Apart from that, it will be made mandatory in offices as well.

Pneumococcal Conjugate Vaccine (PCV) programme - Karnataka



- ❖ PCV programme was launched under the universal immunisation programme on the occasion of World Pneumonia Day.
- ❖ It was launched with the aim of spreading awareness and reducing pneumonia induced mortality & morbidity among children.

Kaiser-i-Hind

- ❖ 'Kaiser-i-Hind' is a large and brightly coloured butterfly.

- ❖ It is an elusive swallowtail butterfly, which carries 'India' in its name.
- ❖ It is also found in China.
- ❖ Now it has been approved as the State butterfly of Arunachal Pradesh.



Wangala Festival

- ❖ Meghalaya state observed the 44th edition of the 'Wangala' Festival.
- ❖ It is the festival of 100 Drums.
- ❖ It is a post-harvest festival of the Garos tribe.
- ❖ It is being held every year to honour 'Saljong', the Sun God of Garos.
- ❖ This also marks the end of the harvest season.
- ❖ Celebrated since 1976, it's the most important festival of the Garo tribe.



Pakke Declaration

- ❖ The government of Arunachal Pradesh approved the 'Pakke Tiger Reserve 2047 Declaration on Climate Change Resilient and Responsive Arunachal Pradesh'.
- ❖ This aims to promote "climate-resilient development" in the state.
- ❖ The announcement is the first of its kind by any state government in the country.



ASSOCHAM award for Best Digital Financial Services

- ❖ The Karnataka Vikas Grameena Bank (KVGB) got the award for the best 'Digital Financial Services' by Associated Chambers of Commerce and Industry of India (ASSOCHAM).
- ❖ The bank received the award under the 'Regional Rural Banks' (RRBs) category.
- ❖ This is awarded in line with India's vision of 'Atmanirbhar Bharat'.

Fisheries business incubator

- ❖ The first-of-its-kind, dedicated fisheries business incubator has been inaugurated in Gurugram of Haryana.
- ❖ This is to nurture fisheries start-ups under real market-led conditions.
- ❖ The incubator is known as LINAC- NCDC Fisheries Business Incubation Centre (LIFIC).
- ❖ It was inaugurated by the Union Minister of Fisheries, Animal Husbandry and Dairying, Parshottam Rupala.



Best tourism villages

- ❖ Pochampally village in Yadadri Bhuvanagiri district of Telangana was selected as one of the best tourism villages by the United Nations World Tourism Organisation (UNWTO).
- ❖ It is known for its famous hand-woven Ikat saris.
- ❖ The award will be given at the 24th session of the UNWTO general assembly on December 2, in Madrid, Spain.

Clean Yamuna River

- ❖ The Chief Minister of Delhi, Arvind Kejriwal, pledged to clean Yamuna River completely by 2025.
- ❖ He announced a six-point action plan to clean the holy river.
- ❖ He also promised to make Yamuna River fit for drinking and bathing by 2025.

WhatsApp chatbot

- ❖ The West Bengal Government launched India's first WhatsApp chatbot in the Public Distribution System.
- ❖ This Chatbot will make it easier for citizens to apply for a ration card, lodge grievances and get access to critical resources.
- ❖ The chatbot will also help farmers with verified information pertaining to paddy related procurement.
- ❖ The bot is free to use and is available in English and Bengali.

FCI laboratory in Gurugram, Haryana

- ❖ The Food Corporation of India (FCI) under Department of Food & Public Distribution (DFPD) developed its first State-of-art Quality Control Laboratory to conduct in house testing of food grain samples.
- ❖ It was set up under the guidance of "Central Food Technological Research Institute in Mysuru, Karnataka.

Amravati - Single Capital for Andhra Pradesh

- ❖ The Andhra Pradesh state Assembly passed a bill to repeal intending three capitals for the State.
- ❖ In 2020, three capitals were planned for the state.



- Amaravati– legislative capital.
- Visakhapatnam– executive capital.
- Kurnool– judicial capital.



PESA Laws - Chhattisgarh

- ❖ The government of Chhattisgarh has formulated draft rules called “Chhattisgarh Panchayat Provisions (Extension of the Scheduled) Rules, 2021”, under the PESA Act, 1996.
- ❖ PESA Act stands for “Panchayat (Extension of the Scheduled Areas) Act, 1996”.
- ❖ This act was enacted by the Central government to ensure self-governance through gram sabhas for people in scheduled areas.
- ❖ The act recognizes the right of tribal communities & residents of scheduled areas, legally in order to govern themselves through their own systems of self-government.
- ❖ It also acknowledges the traditional rights of tribals over natural resources.
- ❖ Chhattisgarh will become the seventh state to have PESA Laws if the rules are enacted.

Cyber Tehsil - Madhya Pradesh

- ❖ Madhya Pradesh Cabinet approved the proposal to create Cyber Tehsil.
- ❖ Madhya Pradesh will be the first state to create Cyber Tehsil.
- ❖ The Cyber Tehsil will likely be shaped to resolve the pending instances of the undisputed switch of property and lands.



Rosenbauer firefighting simulator

- ❖ The Kempegowda International Airport in Bengaluru has commissioned a tactical simulator from Austria-based company Rosenbauer International.
- ❖ It has become the first airport in South Asia to commission this.
- ❖ This is to strengthen its firefighting capabilities.



Bengaluru Tech Summit

- ❖ The Vice President Venkaiah Naidu inaugurated the 24th edition of the Bengaluru Tech Summit.
- ❖ Australian Prime Minister Scott Morrison virtually attended the summit.
- ❖ He announced that Australia will soon establish a consulate-general in Bengaluru.

Meghalaya and World Food Program

- ❖ In a first in the northeast region, the Meghalaya government has signed an MoU with the United Nations World Food Programme.
- ❖ This is to streamline and strengthen the public distribution system in the state.
- ❖ The partnership will help the WFP authorities and the state government work together towards Sustainable Development Goal two - Zero Hunger.
- ❖ The MoU was signed at a programme organised by the Food, Civil Supplies and Consumers Affairs Department as part of the "Azadi Ka Amrit Mahotsava".

PERSONALITIES, AWARDS AND EVENTS

Puneeth Rajkumar (46)

- ❖ Kannada cine superstar Puneeth Rajkumar passed away after suffering a heart attack.
- ❖ He was fondly known as Appu.
- ❖ He was known for hosting Kannadada Kotyadhipati, the Kannada version of the quiz show 'Who Wants to Be a Millionaire'.



Nizami Ganjavi International Award



- ❖ The World Health Organisation (WHO) Director-General Tedros Ghebreyesus and UN Geneva Office Director-General Tatiana Valovaya were honoured with the Nizami Ganjavi International Award.
- ❖ The Nizami Ganjavi International Awards were presented during the 8th Global Baku Forum titled "The World After #COVID19".



- ❖ The award celebrates the great Azerbaijani poet Nizami Ganjavi.
- ❖ It is presented to distinguished personalities and institutions who embody the values that Nizami Ganjavi promoted through his poetry.
- ❖ The awards were organised by the Nizami Ganjavi International Centre under the chairmanship of Azerbaijan President Ilham Aliyev.

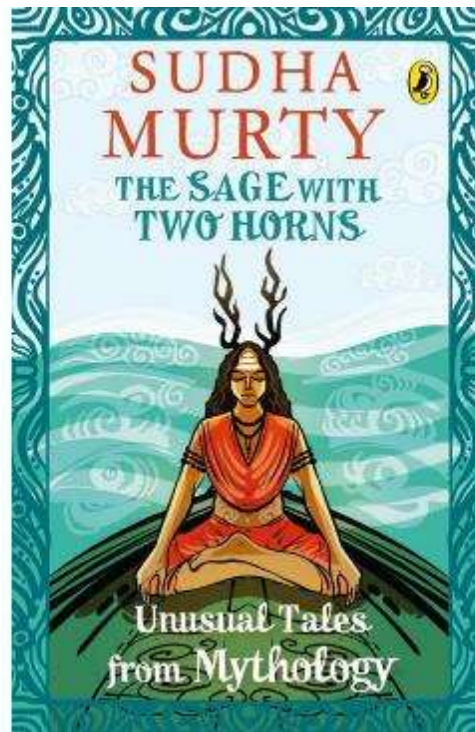
Guinness world - Lt. Col. Bharat Pannu



- ❖ Lt. Col. Bharat Pannu has bagged his third Guinness world record by cycling across the country from Gujarat to Arunachal Pradesh.
- ❖ He covered a distance of 3,800 km in nine days seven hours and five minutes.
- ❖ His effort was part of the celebrations of the 50th anniversary of the Liberation War of Bangladesh in 1971.
- ❖ This is being observed as 'Swarnim Vijay Varsh' in honour of the soldiers who laid down their lives in the line of duty.

Sudha Murty's new book

- ❖ The chairperson of the Infosys Foundation and a renowned author, Sudha Murty has published her new book.
- ❖ It is titled "The Sage with Two Horns: Unusual Tales from Mythology".
- ❖ It is the 5th and last book of the "Unusual Tales from Mythology" series.
- ❖ The series features the stories of kings and queens, gods and goddesses, sages, and extraordinary men and women of wisdom.



Tenzing Norgay National Adventure Award 2020



- ❖ Two Indian Army Officers Lieutenant Colonel Servesh Dhadwal and Colonel Amit Bisht have been awarded the prestigious Tenzing Norgay National Adventure Award 2020.
- ❖ The Tenzing Norgay National Adventure Award is the highest adventure sports honour in India.
- ❖ It is awarded annually by the Ministry of Youth Affairs and Sports.



- ❖ Indian Army officer Colonel Amit Bisht has been awarded for his land activities.
- ❖ Indian Army officer Lieutenant Colonel Servesh Dhadwal has been awarded for his achievements in skydiving.

Basavashree award 2021

- ❖ Kannada actor Puneeth Rajkumar will be posthumously conferred the Basavashree award 2021 by the Bruhanmutt.
- ❖ Fondly called Appu, Puneeth was born in Chennai.
- ❖ The award honours people for services to society in their respective fields by following the principles of Lord Basaveshwar.
- ❖ It is presented by Chitradurga Bruhanmutt since 1997.
- ❖ PT Usha (2009), Malala Yousufzai (2014), P Sainath (2016), Dr K Kasturirangan (2020) are some to win the award in recent times.



Tenzing Norgay National Adventure Award 2020

- ❖ Priyanka Mohite was selected by the Ministry of Youth Affairs and Sports for the prestigious 'Tenzing Norgay National Adventure Award 2020'.
- ❖ She is a Maharashtra-based, 28-year old mountaineer.
- ❖ This is for her outstanding contribution in the field of land adventure.
- ❖ She scaled the world's highest peak Mt Everest, Mt Lhotse and Mt.Makalu.
- ❖ She is the 1st Indian woman to climb Mt Annapurna, the 10th highest mountain peak in the world.
- ❖ Priyanka is one among the 7-recipients of the '2020 Tenzing Norgay National Award'.



Awardee	Category
Priyanka Mangesh Mohite	Land Adventure
Jay Prakash Kumar	Land Adventure
Col. Amit Bisht	Land Adventure
Sheetal	Land Adventure
Srikaanth Viswanathan	Water Adventure
Lt. Col. Servesh Dhadwal	Air Adventure
Jai Kishan	Life Time Achievement

Ministry of Home Affairs Padma Awards 2021

- ❖ The Ministry of Home Affairs has announced a list of 119 personalities who will be conferred the Padma Awards by President Ram Nath Kovind this year.
- ❖ 'Padma Shri' is awarded for distinguished service in any field.
- ❖ 'Padma Bhushan' is awarded for distinguished service of a high order.
- ❖ 'Padma Vibhushan' is awarded for exceptional and distinguished service.
- ❖ There will be no recipient of the Bharat Ratna in 2021.



Falguni Nayar - woman billionaire





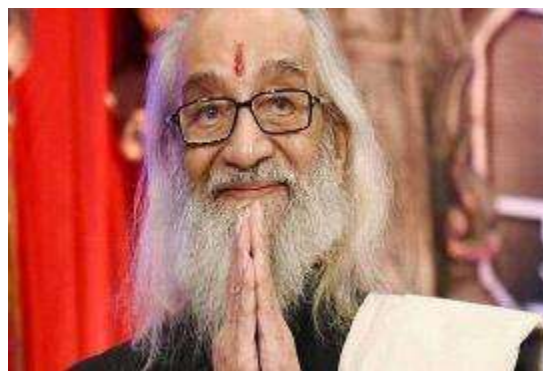
- ❖ Nykaa founder Falguni Nayar became India's wealthiest self-made female billionaire.
- ❖ Nayar became India's seventh woman billionaire.
- ❖ Falguni Nayar founded Nykaa in 2012.

Indian-origin astronaut Raja Chari



- ❖ The US Space agency NASA and the Elon Musk's company SpaceX have launched the "Crew 3" mission.
- ❖ This mission consists of Indian-origin NASA astronaut Raja Chari as its mission commander.
- ❖ Under this mission, four astronauts have been sent to the International Space Station (ISS) for a six-month science mission.

Balwant Moreshwar Purandare



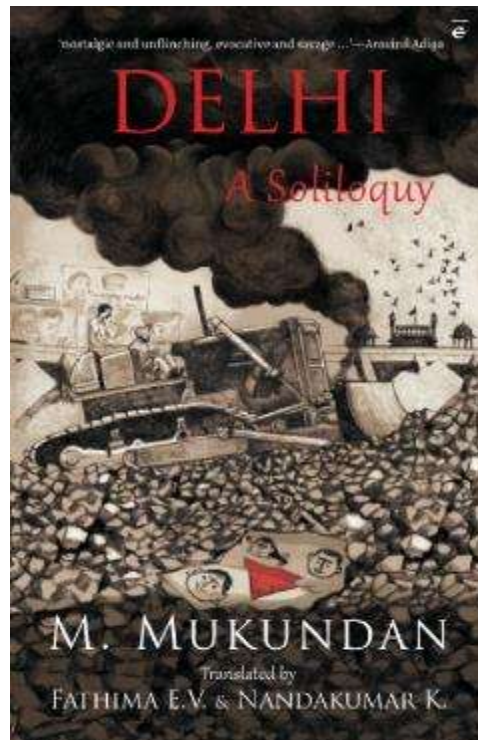
- ❖ He passed away at the age of 99.
- ❖ He was an eminent historian, orator, and noted author from Maharashtra.
- ❖ The author was popularly known as Babasaheb Purandare.
- ❖ Purandare wrote extensively about Maratha warrior king Chhatrapati Shivaji Maharaj.



- ❖ He had earned the moniker ‘Shiv Shahir’ which literally means Shivaji’s bard.
- ❖ He was felicitated with India’s second-highest civilian award, Padma Vibhushan in 2019.

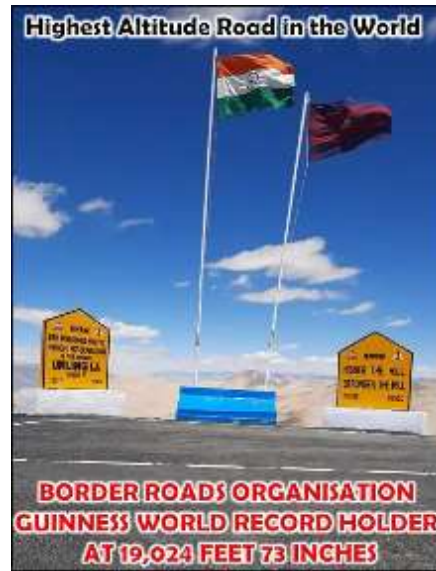
2021 JCB Prize for Literature

- ❖ The Author M Mukundan won this prize.
- ❖ This was awarded for his book ‘Delhi: A Soliloquy’.
- ❖ The book, which has originally been written in Malayalam, has been translated into English by Fathima EV and Nandakumar K.
- ❖ The novel was published by Westland.
- ❖ It is a story about Delhi through the eyes of its Malayali youth protagonists.



Guinness World Record – BRO

- ❖ The Border Roads Organisation (BRO) has received the Guinness World Record for constructing & blacktopping the world highest motorable road.
- ❖ This is passing through the 19,024 feet 0.73 inches (5798.251m) high Umlingla Pass in the Union Territory of Ladakh.
- ❖ The 52-kilometre long Chisumle to Demchok tarmac road was developed under Project HIMANK (93RCC/753 BRTF) of BRO.



Prakash Padukone

- ❖ Indian badminton legend Prakash Padukone has been selected for the prestigious Lifetime Achievement Award for 2021 by the Badminton World Federation (BWF) Council.
- ❖ Padukone is the first-ever Indian to win a medal at World Championships in the 1983 Copenhagen tournament.



Siren Award



- ❖ The Hindu has been awarded the Project SIREN Award for Newspapers 2021.

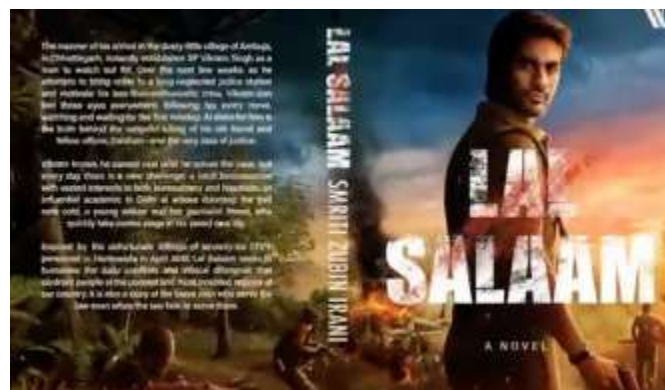
- ❖ It was given for its responsible reporting on suicide between June 2020 and June 2021.
- ❖ Project SIREN is an initiative of the India Mental Health Observatory (IMHO) under the Centre for Mental Health Law and Policy (CMHLP).

Indian Film Personality of the Year award 2021

- ❖ Actor and BJP leader Hema Malini, and lyricist and former CBFC chief Praseen Joshi will be facilitated with the Indian Film Personality of the Year award.
- ❖ It will be given at the 52nd International Film Festival of India 2021, India's largest festival, at Goa.
- ❖ This year it will honour Hollywood stalwart Martin Scorsese and Hungarian filmmaker Istevan Szabo with the Satyajit Ray Lifetime Achievement award.



Lal Salam





- ❖ The Union Minister of Women and Child Development, Smriti Zubin Irani is set to release her first novel titled “Lal Salaam: A Novel”.
- ❖ The novel is inspired by the killings of 76 Central Reserve Police Force (CRPF) personnel during the Maoist attack in Dantewada, Chhattisgarh in April 2010.

KidsRights International Children’s Peace Prize 2021



- ❖ Two Delhi-based teenage brothers Vihaan (17) and Nav Agarwal (14) have won this 17th prize.
- ❖ They have developed an “One Step Greener” initiative for segregating rubbish and organising waste pickups for trash from thousands of homes, schools and offices.
- ❖ It is given annually by the international children’s rights organization KidsRights based in Amsterdam, the Netherlands.

20th edition of Tata Literature Live - Lifetime Achievement Award for 2021

- ❖ Anita Desai has been conferred with this award.
- ❖ It is given to recognise her long literary career which spans over 50 years.
- ❖ Meanwhile, the Poet Laureate award for 2021 has been conferred upon Indian poet Adil Jussawala.





ABU – UNESCO Peace Media Awards 2021

- ❖ Asia Pacific Broadcasting Union (ABU)-UNESCO Peace Media Awards 2021 were presented at Kuala Lumpur in Malaysia.
- ❖ Programme 'DEAFinitely Leading the Way' of Doordarshan won the award under the 'Living Well with Super Diversity' category.
- ❖ All India Radio's program called 'Living on the edge – The coastal lives' won the award in the 'Ethical & Sustainable Relationship with Nature' category.



Knighthood of Parte Guelfa

- ❖ Dr. S K Sohan Roy from Kerala has become the first Indian to be honoured with the Knighthood of Parte Guelfa.
- ❖ He is the CEO and founder of Aries Group of Companies
- ❖ He was awarded for his humanitarian and Environmental protection efforts in business and movies.





SPORTS

74th senior National aquatic championships

- ❖ Karnataka won the overall title in the 74th senior National aquatic championships.
- ❖ Srihari and Ridhima won the 200m backstroke races.
- ❖ Shoan Ganguly won in 400m medley.
- ❖ Sajan Prakash created a new National record in 100m butterfly (53.24).



Unmukt Chand

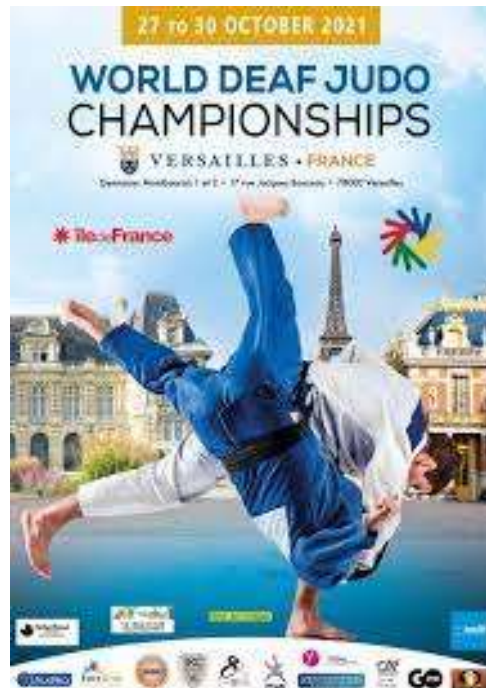
- ❖ Unmukt Chand has become the first Indian male cricketer to sign up for the Big Bash League.
- ❖ He is set to feature in the Melbourne Renegades side in the upcoming edition.
- ❖ The 28-year-old had led India to the Under-19 World Cup title in 2012.
- ❖ He was featured in teams like Delhi Daredevils, Mumbai Indians, and Rajasthan Royals in the IPL.





World Deaf Judo Championship

- ❖ The Jammu & Kashmir team for deaf clinched 1st position in World Deaf Judo Championship.
- ❖ Rakshanda Mehak who is part of the Indian team for the deaf clinched the bronze medal by defeating the South Korean team in the semifinal.
- ❖ The championship was held at Versailles, France.
- ❖ The championship is organised by the International Committee of Sports for the Deaf.



National Sports Awards – 2020

- ❖ The Winners of the Awards had already received the cash rewards but were unable to collect their trophies and citations during 2020 event because the Sports Awards ceremony was held virtually amid the Covid-19 pandemic.
- ❖ Recently, the Sports Ministry physically handed over trophies to the winners of the National Sports Awards 2020.
- ❖ The Sports Ministry had handed over a total of 74 National Sports Awards.
- ❖ It includes 27 Arjuna Awards & 5 Rajiv Gandhi Khel Ratna Awards.

Rashtriya Khel Protsahan Puruskar
Identification and Nurturing of Budding & Young Talent category- given to Lakshya Institute & Army Sports Institute.
Encouragement to sports through Corporate Social Responsibility category- presented to Oil & Natural Gas Corporation (ONGC) Ltd.
Employment of sportspersons & sports welfare measures category- presented to Air Force Sports Control Board.

Rajiv Gandhi Khel Ratna Award 2020	Arjuna Award 2020
Presented to Rohit Sharma (Cricket), Manika Batra (Table Tennis), Mariyappan Thangavelu (Para-Athletics), Rani Rampal (Hockey) and Vinesh Phogat (Wrestling).	Presented to Atanu Das (Archery), Chirag Chandrasekhar Shetty (Badminton), Dutee Chand (Athletics), Ishant Sharma (Cricket), Deepti Sharma (Cricket), Divya Kakran (Wrestling).
Dronacharya Award (Life-Time Category) 2020	Dhyan Chand Award 2020
Presented to Naresh Kumar (Tennis), Romesh Pathania (Hockey), Dharmendra Tiwary (Archery), Om Parkash Dahiya (Wrestling).	Presented to Kuldip Singh Bhullar (Athletics), Lakha Singh (Boxing), Trupti Murgunde (Badminton), N Usha (Boxing), Manpreet Singh (Kabaddi), Nandan Bal (Tennis).

ISSF President's Cup



- ❖ India's woman pistol star Manu Bhaker and Iranian Olympic champion Javad Foroughi has won the 10m air pistol mixed team gold at the inaugural ISSF President's Cup (ISSF - International Shooting Sport Federation).
- ❖ The Indo-Iranian pair beat the French-Russian duo of Mathilde Lamolle and Artem Chernousov to clinch the gold medal.
- ❖ A seven-member Indian contingent is participating in the ISSF President's Cup.
- ❖ It is held in Wroclaw in Poland.

Rashid Khan

- ❖ Afghanistan leg-spinner Rashid Khan became the youngest bowler to take 400 T20 wickets.
- ❖ He achieved this feat against New Zealand.
- ❖ Martin Guptill of New Zealand became Rashid's 400th victim in T20 cricket.
- ❖ He is the 4th bowler to enter the 400 club after Dwayne Bravo (553) and Sunil Narine of West Indies (425) and Imran Tahir of South Africa (420).



Under-14 World Kickboxing Championship

- ❖ 13-year-old Tajamul Islam is the first Kashmiri girl to have represented India.
- ❖ She won the gold medal in the under-14 age category in the World Kickboxing Championship.
- ❖ The championship was held at Cairo in Egypt.
- ❖ Islam defeated Argentina's Lalina in the final.
- ❖ She was born in Tarkpora, a remote village in north Kashmir's Bandipora district.
- ❖ Tajamul is also a brand ambassador of the Beti Bachao Beti Padhao (BBBP) scheme.



3000 T20I runs - Rohit Sharma

- ❖ Indian batter Rohit Sharma has completed 3000 T20I runs.
- ❖ He became the third cricketer in the world to achieve this feat.
- ❖ Rohit reached the 3000 run mark in the ICC men's T20 World Cup match against Namibia.



- ❖ Virat Kohli is at the top of the tally with 3227 runs.
- ❖ He is followed by New Zealand's Martin Guptill & India's Rohit Sharma with 3115 and 3008 runs respectively.



International Shooting Sport Federation (ISSF) President's cup

- ❖ India bags 5 medals at this inaugural tournament.
- ❖ It was held at the Wroclaw in Poland.
- ❖ It is including two Gold, two Silver and one Bronze.
- ❖ India's Manu Bhaker bagged two gold medals.



T20 World Cup title

- ❖ Australia won their maiden T20 World Cup title.
- ❖ They defeated New Zealand in the finals.
- ❖ Australia's Mitchell Marsh was named as the player of the match while Australia's David Warner was named as the player of the Series.



VVS Laxman

- ❖ Former India batter VVS Laxman will be the next head of the National Cricket Academy (NCA).
- ❖ Laxman will take over from his former batting colleague Rahul Dravid.
- ❖ Rahul Dravid was recently appointed as chief coach of the Indian team following the end of Ravi Shastri's tenure.



SAI Institutional Awards



- ❖ Union Minister of Youth Affairs & Sports Shri Anurag Thakur has presented the first-ever SAI Institutional Awards in New Delhi.
- ❖ It was awarded to 246 athletes and coaches.
- ❖ A total of 162 athletes and 84 coaches have been conferred awards in the Outstanding Award and Best Award category for their performance in national and international competitions.

Chairman of the ICC Men’s Cricket Committee

- ❖ The President of BCCI, Sourav Ganguly has been appointed as the Chairman of the ICC Men’s Cricket Committee.
- ❖ Ganguly will replace Anil Kumble who assumed the charge in 2012.
- ❖ Kumble stepped down having served a maximum of three separate three-year terms.



ICC announced the host nations





- ❖ The International Cricket Council (ICC) has announced the 14 host countries of the ICC men's white-ball events from 2024-2031.
- ❖ India is set to host the 2029 Champions Trophy and co-host the 2026 ICC Men's Twenty20 World Cup with Sri Lanka.
- ❖ It will also host the 2031 ICC Men's 50-over World Cup with Bangladesh.

Arif Khan

- ❖ The Jammu and Kashmir alpine skier Arif Khan qualifies for Beijing Winter Olympics 2022
- ❖ Arif Khan has become the only Indian ski racer to secure a place in Beijing Winter Olympics 2022.
- ❖ This will be the first Winter Olympics in China and the second Olympics overall after the 2008 Summer Olympics.
- ❖ This will also be the first time that Winter Olympics will be hosted by a city that had previously hosted the Summer Olympics.



22nd edition of Asian archery championships 2021

- ❖ The Indian contingent collected one gold, four silver and two bronze medals.
- ❖ It was held at Dhaka in Bangladesh.
- ❖ India was on the second place in the medal tally behind South Korea.
- ❖ It was participated by five nations such as South Korea, India, Kazakhstan, Iran and Bangladesh
- ❖ Jyothi Surekha of Andhra Pradesh has won individual gold.



Syed Mushtaq Ali Trophy

- ❖ In cricket, Tamil Nadu has lifted the Syed Mushtaq Ali Trophy.
- ❖ The team defeated Karnataka after chasing 152 runs in the finals.
- ❖ Batsman M. Shahruxh Khan smashed a dramatic last-ball six to help Tamil Nadu defend the T-20 title.
- ❖ The tournament was held at Arun Jaitley Stadium, Delhi.
- ❖ This is the third time that Tamil Nadu has won the Syed Mushtaq Ali tournament.

Pat Cummins

- ❖ Pat Cummins has been appointed as Australia's 47th Test captain.
- ❖ Steve Smith has been appointed as the Vice-captain.
- ❖ Pat Cummins succeeds Tim Paine.
- ❖ Cummins has become the first fast bowler to take up captaincy of the Australian men's Test side full-time after 1956.



IMPORTANT DAYS

National Ayurveda Day – 02 November



- ❖ The day was celebrated across the country by the Ministry of AYUSH.
- ❖ Ayurveda is an integral aspect of the healthcare system of India.
- ❖ It holds recognition as a traditional medicine system by World Health Organization (WHO).
- ❖ The Union Ministry of AYUSH started observing Dhanvantari Jayanti (also called Dhanteras) as Ayurveda day in 2016.
- ❖ In the year 2021, the day was observed under the theme “Ayurveda for Poshan (Nutrition)”.

World Tsunami Awareness Day – 05 November

- ❖ The day is celebrated to spread awareness among people across the world in matters related to the dangers of tsunami.
- ❖ In 2021, the World Tsunami Awareness Day promotes the “Sendai Seven Campaign,” target (f).
- ❖ This aims to ‘substantially enhance international cooperation to developing countries through adequate and sustainable support to complement their national actions for implementation of the present Framework by 2030.’



International Day Against Violence and Bullying at School, including Cyberbullying – 04 November



- ❖ UNESCO marks this International Day on every first Thursday of November.
- ❖ This year it falls on November 4th.
- ❖ The theme for this year is “Tackling cyberbullying and other forms of online violence involving children and young people”.
- ❖ This day recognizes that bullying in schools and cyberbullying is an infringement of children and adolescents’ rights to education and to health and well-being.

World Day of Romani Language – 05 November

- ❖ UNESCO proclaimed the World Day of Romani Language in 2015.
- ❖ This is to promote the preservation of the Romani language and culture, improve the well-being of the Romani people.
- ❖ It is also observed to recognize the importance of all languages, whose diversity is a source of strength for all societies to share.

The National Cancer Awareness Day – 07 November

- ❖ The day is observed annually in India to spread awareness on cancer, its symptoms and treatment.
- ❖ According to the World Health Organization (WHO), cancer is the second leading cause of death globally.
- ❖ In 2018, approximately 18 million cases were there globally, of which, 1.5 million were in India alone.
- ❖ In 2018, there were around 0.8 million cancer deaths in India against 9.5 million globally.



- ❖ On 7 November 2014, Former Union Minister for Health & Family Welfare Dr. Harsh Vardhan announced that seventh November will be celebrated as the National Cancer awareness day.

Infant Protection Day – 07 November

- ❖ The day aims to celebrate the day to spread awareness about the safety of infants and protect their lives by taking proper care of infants.
- ❖ The theme for this year's Infant Protection Day is "Protecting, promoting, and developing infants".

International Day of Radiology - November 08

- ❖ The day is celebrated to promote the awareness of the value that radiology contributes to safe patient care, and improve public understanding of the vital role radiologists and radiographers play in the healthcare continuum.
- ❖ The day also marks the anniversary of the discovery of x-rays by Wilhelm Roentgen in 1895.
- ❖ World Radiology Day was first celebrated in the year 2012.

World Urbanism Day – 08 November

- ❖ The World Urbanism Day (WUD) is also known as "World Town Planning Day".
- ❖ The day is celebrated globally, to recognise and promote the role of planning in creating liveable communities.
- ❖ The WUD is organised by the International Society of City and Regional Planners (ISOCARP).

Tamil Lexicography Day – 08 November



தமிழ் வளர்த்த இத்தாலிய பேரறிஞர்
வீரமாமுனிவர்
பிறந்த நாள்



- ❖ It marks the birth anniversary of Italian missionary Constantine Joseph Beschi.
- ❖ He is also known as Veeramamunivar.
- ❖ He was responsible for bringing out the first Tamil dictionary Chaturakarati.
- ❖ Earlier, scholars used to document words that were in usage.
- ❖ Those collections were called 'Nigandu'.

National Legal Services Day – 09 November



- ❖ In India, this day is celebrated every year by all Legal Services Authorities.
- ❖ It is to commemorate the enactment of the Legal Services Authorities Act 1987.
- ❖ The Day is celebrated to make people aware of the various provisions under the Legal Services Authorities Act and the right of the litigants.

Uttarakhand Foundation Day – 09 November

- ❖ The day marks the formation of the state in 2000.
- ❖ November 9 marks the formation of the state of Uttaranchal in 2000.
- ❖ The state's name was changed to Uttarakhand in 2007.
- ❖ The state is known as the Land of Gods or "Dev Bhumi"
- ❖ Gairsain has been announced as the summer capital of Uttarakhand in March 2020.
- ❖ The winter capital of Uttarakhand is Dehradun.



International Week of Science and Peace - November 09 to 14

- ❖ Every year from 9 to 14 November, the International Week of Science and Peace (IWOSP) is observed and celebrated globally.
- ❖ This special week is marked to inspire people to promote peace in their own countries as well as develop better technology for development.
- ❖ The International Week of Science and Peace was first observed in 1986 as part of the observance of the International Year of Peace.

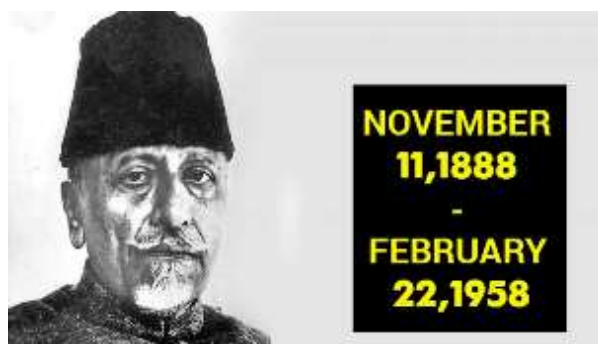
World Freedom Day – 09 November

- ❖ The World Freedom Day was created to commemorate the fall of the Berlin Wall post-World War II.
- ❖ It marks the rise of democracy and freedom and the fall of communism in the Eastern Europe.

World Science Day for Peace and Development - November 10

- ❖ This day is celebrated to highlight the important role that science play in society and the need to engage the wider public in debates on emerging scientific issues.
- ❖ The year 2021 marks the 20th edition of World Science Day for Peace and Development.
- ❖ This year's celebration will highlight the importance of "Building Climate-Ready Communities".
- ❖ World Science Day was proclaimed by the United Nations Educational, Scientific and Cultural Organization (UNESCO) in 2001.
- ❖ It was celebrated for the first time in 2002.

National Education Day – 11 November



- ❖ It is celebrated to commemorate the birth anniversary of Maulana Abul Kalam Azad.



- ❖ The day was announced by the Ministry of Human Resource Development in 2008.
- ❖ Azad was the first education minister of independent India from 15 August 1947 to 2 February 1958.
- ❖ Azad was born in Mecca, Saudi Arabia in 1888.
- ❖ He was awarded Bharat Ratna posthumously in 1992.

World Quality Day – 11 November

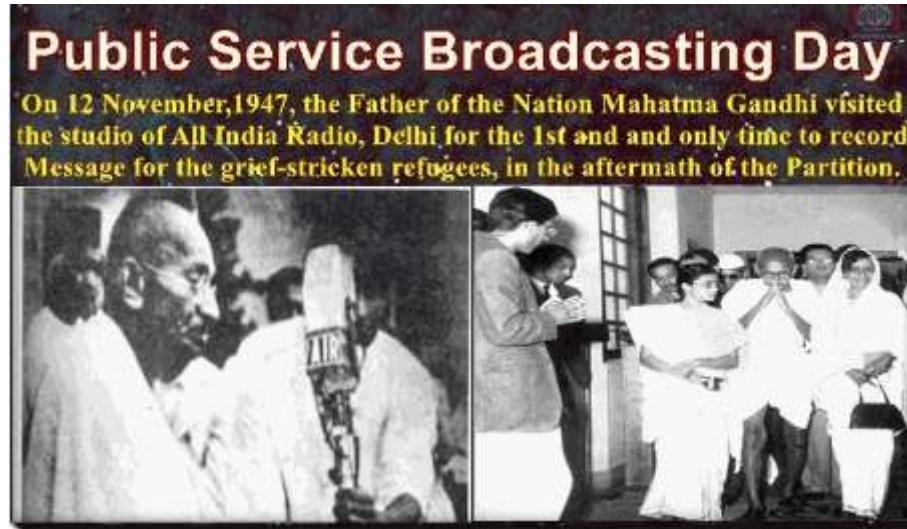
- ❖ The Chartered Quality Institute (CQI), a professional organisation located in London founded the day.
- ❖ The United Nations officially recognised this Day in 1990.
- ❖ This year's theme is Sustainability: Improving Our Products, People, and Planet.

Armistice Day - 11 November



- ❖ It is commemorated every year to mark the armistice signed between the Allies of World War I and Germany at France
- ❖ It was held for the cessation of hostilities on the Western Front of World War I.
- ❖ Also known as Remembrance Day, it is a Memorial Day observed in Commonwealth member states since the end of the First World War to honour armed forces members who have died in the line of duty.
- ❖ It was inaugurated by King George V in 1919.
- ❖ It is observed to recall the end of First World War hostilities.
- ❖ The tradition of Remembrance Day evolved out of Armistice Day.

Public Service Broadcasting Day – 12 November



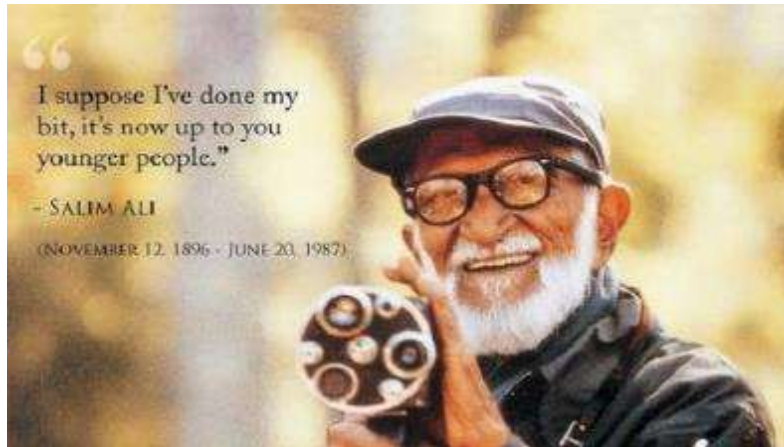
- ❖ It is to commemorate 50 years of the historic visit of the Father of the Nation Mahatma Gandhi to All India Radio.
- ❖ It was the first and only visit of Mahatma Gandhi to the studio of All India Radio at Delhi in 1947.
- ❖ Gandhi addressed the displaced people (a refugee from Pakistan), who had temporarily settled at Kurukshetra in Haryana after partition
- ❖ In the year 2001, the day was officially declared as Public Service Broadcasting Day.

World Pneumonia Day – 12 November

- ❖ It was established and first observed in 2009 by the Stop Pneumonia Initiative and the Global Coalition against Child Pneumonia.
- ❖ Stop Pneumonia Initiative is run by Every Breath Counts Coalition, a public-private partnership.
- ❖ Pneumonia is the deadliest disease for children below five years.
- ❖ It is an acute respiratory infection commonly caused by virus or bacteria.
- ❖ According to the United Nations Children's Fund (UNICEF), a child dies from pneumonia every 39 seconds.
- ❖ The theme for this year is "Stop Pneumonia, Every breath counts".



World bird day – 12 November



- ❖ November 12 is the birth anniversary of veteran ornithologist Salim Ali.
- ❖ He was born in Mumbai on 12th November in 1896.
- ❖ Salim Ali is known as Birdman of India.
- ❖ Along with Sidney Dillon Ripley, he wrote “the Birds of India and Pakistan”.
- ❖ He was instrumental in the creation of the Bharatpur Bird Sanctuary in Rajasthan.
- ❖ He became a key figure behind the Bombay Natural History Society after 1947
- ❖ Maharashtra celebrates 'Bird Week' from Nov 5-12 Every Year.
- ❖ On this day in 1990 also, the World Wide Web project was initiated as an idea by Tim Berners-Lee.
- ❖ The WWW was also the name of the first web browser which was developed by Berners-Lee himself.

World Kindness Day – 13 November

- ❖ It was introduced in 1998 by the World Kindness Movement.
- ❖ Singapore observed the day for the first time in 2009.

World Diabetes Day - November 14

- ❖ The day aims to raise awareness around the crucial role that nurses play in supporting people living with diabetes.
- ❖ The theme for World Diabetes Day 2021-23: “Access to Diabetes Care - If Not Now, When?”.
- ❖ It is observed to mark the birthday of Sir Frederick Banting, who discovered the insulin hormone along with Charles Herbert Best in 1922.



- ❖ It is the 100th anniversary of the discovery of insulin.



Children's Day - November 14

- ❖ The day is celebrated every year to mark the birth anniversary of India's first Prime Minister Pt. Jawaharlal Nehru.
- ❖ Children's Day is popularly known as 'Baal Diwas' in India.
- ❖ The day aims at increasing the awareness of the rights, care, and education of children.
- ❖ In 1964, it was decided that to move the celebrations of Children's Day to November 14 as a mark of respect to him and to commemorate his fondness for children.
- ❖ Initially, Children's Day was celebrated in India on November 20, 1956, along with Universal Children's Day.



Jharkhand Foundation Day - November 15

- ❖ The state is also called 'The land of the forest' or 'Bushland'.
- ❖ It was on November 15 in 2000 when the Chhotanagpur area was segregated from the southern half of Bihar to give rise to another state named Jharkhand.

- ❖ By doing so, Jharkhand became the 28th Indian state.



International Day for Tolerance - November 16

- ❖ The United Nations observes this day every year.
- ❖ In 1994, UNESCO marked the 125th anniversary of Mahatma Gandhi's birth paving the way for the proclamation of 16 November as the International Day for Tolerance by the UN.
- ❖ This day pays tribute to the values of the Mahatma of peace, non-violence, and equality.



National Press Day - November 16

- ❖ The day is observed every year to celebrate free and responsible press in India.
- ❖ On this day the Press Council of India started functioning as a moral watchdog to ensure that the press maintains high standards and is not constrained by any influence or threats.
- ❖ It also commemorates the day when the Press Council of India started functioning.



Audit Diwas - November 16

- ❖ This year marks the first Audit Diwas.
- ❖ It is celebrated to mark the historic origin of the institution of the Comptroller and Auditor General of India (CAG).
- ❖ Currently, former Lt. Governor of UT of Jammu Kashmir G. C. Murmu is serving as CAG of India.
- ❖ He is the 14th CAG of India.
- ❖ His tenure started in August 2020.
- ❖ CAG is the Constitutional Authority in India.
- ❖ It was established in accordance with Article 148 of the Constitution of India.
- ❖ Reports of the CAG are laid before Parliament or Legislatures.
- ❖ They are being taken up for discussion by Public Accounts Committees (PACs) and Committees on Public Undertakings (COPUs).
- ❖ PACs and COPUs are special committees in the Parliament and state legislatures.



World COPD Day - November 17



- ❖ The day is observed on the third Wednesday of November every year.
- ❖ This is to raise awareness about chronic obstructive pulmonary disease (COPD) and improve COPD care throughout the world.
- ❖ The World COPD Day 2021 falls on November 17, 2021.
- ❖ The 2021 theme is 'Healthy Lungs – Never More Important'.

National Epilepsy Day - November 17

- ❖ In India, November 17 is observed every year as National Epilepsy Day by the Epilepsy Foundation.
- ❖ This is to create awareness about epilepsy.
- ❖ Epilepsy is a chronic disorder of the brain characterized by recurrent 'seizures' or 'fits'.
- ❖ The month of November is observed as 'National Epilepsy Awareness Month'.
- ❖ The Epilepsy Foundation of India in Mumbai, Maharashtra was established by Dr Nirmal Surya in 2009.

Naturopathy Day - November 18





- ❖ The National Naturopathy Day is observed in India on 18 November every year.
- ❖ This is to promote positive mental and physical health through a drugless system of medicine, called Naturopathy.
- ❖ The day was declared by the Ministry of AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha, and Homeopathy).

World Philosophy Day 2021 - November 18

- ❖ World Philosophy Day is celebrated on the Third Thursday of November each year.
- ❖ In 2021, the day falls on 18 November.
- ❖ World Philosophy Day 2021 opens the discussion on the different interactions of human beings with their social, cultural, geographical, and political environment.
- ❖ World Philosophy Day was introduced in 2002 by UNESCO.
- ❖ The theme for the World Philosophy Day 2021 is “different interactions of human beings with their social, cultural, geographical and political environment, with the underlying objective of better understanding the contribution of philosophy in our contemporary societies and the challenges they face”.

National New born Week 2021 - November 15 to 21



- ❖ In India, the National New born Week is observed every year from 15 to 21 November.
- ❖ The main purpose of the week is to reinforce the importance of New born health as a key priority area of the health sector and reduce the infant mortality rate by improving healthcare conditions for babies in the neonatal period.
- ❖ The theme of National New born Week 2021 is ‘Safety, quality and nurturing care - the birth right of every New born.



National Journalism Day - November 16

- ❖ This day is observed to honour the Press Council of India (PCI).
- ❖ It was established on the same day 55 years ago.
- ❖ The PCI was constructed as an instrument to not only keep a check on the quality of reportage in the country but also to ensure that independent journalism survives and henceforth thrives in the country.

International Students' Day – November 17

- ❖ It is the day set by the World Student Union.
- ❖ This is observed to denounce the storming of all universities by Hitler's Nazi forces and the arrest and murdering of thousands of students in 1939.

World Prematurity Day – November 17



- ❖ This is observed to raise awareness of the challenges and burden of preterm birth globally.
- ❖ The small pair of purple socks framed by nine full-size baby socks symbolises: 1 in 10 babies is born preterm.
- ❖ The global theme for World Prematurity Day 2021 is - Zero Separation. Act now! Keep parents and babies born too soon together.

International Day of Islamic Art – November 18

- ❖ The day aims to raise awareness about the art of Islam and its contribution to culture and civilization.
- ❖ Saudi Ministry of Culture hosted the first Islamic Art Biennale at the Islamic Museum in Riyadh to mark this day.



Women Entrepreneurship Day – 19 November

- ❖ It was the brainchild of an organisation called the Women's Entrepreneurship Day Organisation (WEDO).
- ❖ It was first observed in 2014.
- ❖ It was founded and implemented by Pet Pioneer, Animal Fair Media, Ellis Island Medal of Honour recipient Wendy Diamond.



World Toilet Day – 19 November

- ❖ It was started by Jack Sim from Singapore.
- ❖ He founded the World Toilet organisation NGO in 2001.
- ❖ It was backed by "Sustainable Sanitation Alliance (SuSanA)".
- ❖ The UN had recognised "Human Right to Water & Sanitation (HRWS)" as fundamental human right, in the year 2010.
- ❖ In 2021, the theme is "Valuing toilets".
- ❖ Sustainable Development Goal 6 aims to provide sanitation for all.

National Integration Day – 19 November

- ❖ The day commemorates the birth anniversary of Iron Lady and former Prime Minister Indira Gandhi.
- ❖ She was born on November 19, 1917.
- ❖ She was the country's first and only female Prime Minister.

International Men's Day – 19 November

- ❖ International Men's Day is not officially recognised by the United Nations
- ❖ It was founded in 1999 by Dr Jerome Teeluck singh, a history lecturer at University of the West Indies in Trinidad Tabago.
- ❖ "Better relations between men and women" is the theme for this year.



Africa Industrialization Day – 20 November

- ❖ The United Nations General Assembly, in 1989, proclaimed 20 November “Africa Industrialization Day”.
- ❖ It was within the framework of the Second Industrial Development Decade for Africa (1991-2000).
- ❖ The conference theme for 2021 Africa Industrialisation Day is financing Africa’s post-covid-19 development.



World Children's Day – 20 November

- ❖ The Day was first observed in the year 1954 on 14 December by the United Nations General Assembly (UNGA).
- ❖ Later it aims to commemorate the day of the Declaration of the Rights of the Child by the UN General Assembly on the same day in 1959.
- ❖ On 20 November, 1989, UNGA also adopted the Convention on the Rights of the Child.
- ❖ International Children's Day was first proclaimed in Geneva during the World Conference on Child Welfare in 1925.
- ❖ The theme for this year is ‘A Better Future for Every Child’.

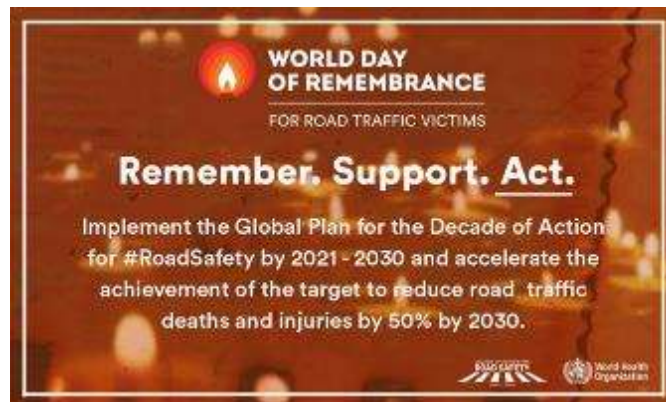




World Television Day – 21 November

- ❖ After Radio, Television was the second source of entertainment and passing on information.
- ❖ The United Nations General Assembly proclaimed 21 November as World Television Day in 1996.
- ❖ On 21 and 22 November 1996, the United Nations held the first World Television Forum.
- ❖ Television was invented in 1924 by John Logie Baird of United Kingdom.

World Day of Remembrance for Road Traffic Victims – 21 November



- ❖ It was started by the British road crash victim charity, RoadPeace, in 1993.
- ❖ It was adopted by the United Nations General Assembly in 2005.
- ❖ Among other countries, India has more fatalities due to road accidents.
- ❖ In Tamil Nadu, an NGO called Thozhan, was taking different initiatives such as Traffic Awareness Campaign.
- ❖ This year's theme is 'Remember. Support. Act'.

World Fisheries Day – 21 November

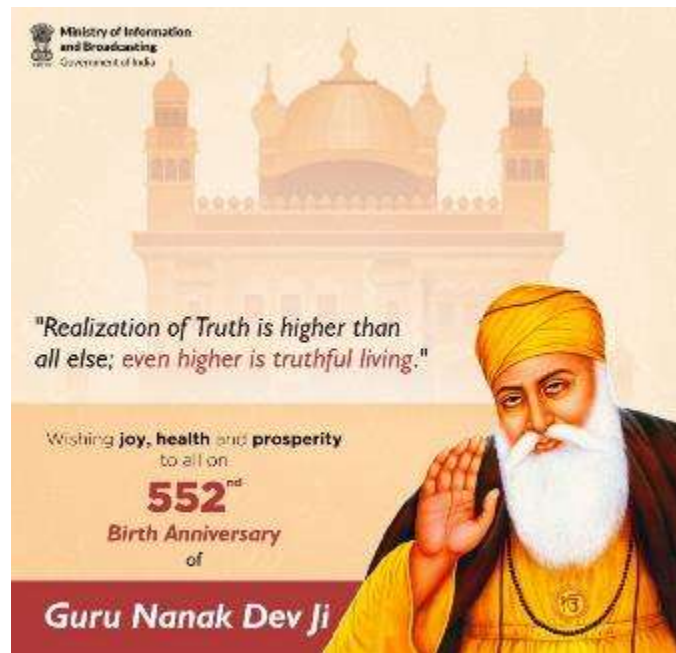




- ❖ It highlights the importance of healthy oceans ecosystems and to ensure sustainable stocks of fisheries in the world.
- ❖ 2021 is the fifth World Fisheries Day.
- ❖ On this day in 2015, it was the grand opening of the International Fisherman's organization was held in New Delhi.

552nd Guru Nanak Jayanti – 19 November

- ❖ Guru Nanak Jayanti is observed every year as the birth anniversary of the Sikh founder, Guru Nanak Dev Ji.
- ❖ It is also known as Prakash Utsav or Guru Purab.
- ❖ He is the first of the ten Sikh gurus.
- ❖ He was born in 1469 in a village named Talwandi, which is currently located in Nankana Sahib, Pakistan.



World Antimicrobial Awareness Week - November 18 to 24

- ❖ The purpose of the week is to increase awareness of global antimicrobial resistance.
- ❖ It also encourages best practices among the general public, health workers, and policymakers to avoid the further emergence and spread of drug-resistant infections.
- ❖ The theme for this year is Spread Awareness, Stop Resistance.



World Heritage Week - November 19th to 25th

- ❖ The week-long celebration aims to create awareness about the importance of culture and traditions and the need to protect them.
- ❖ In India, around 3691 monuments are protected by the Archaeological Survey of India (ASI).
- ❖ At present, Uttar Pradesh has the highest number (745) of ASI-protected monuments.
- ❖ 40 heritage sites across India are listed as UNESCO World Heritage sites which include 32 cultural, 7 Natural, and 1 Mixed site.
- ❖ At present Maharashtra has 5 UNESCO World Heritage sites, the highest among all the Indian states and UTs.

International Day for the Elimination of Violence against Women - November 25

- ❖ The day is celebrated to raise awareness of the fact that women around the world are subject to various forms of violence and the true nature of the issue is often hidden.
- ❖ This year's theme is "Orange the World: End Violence against Women Now!".

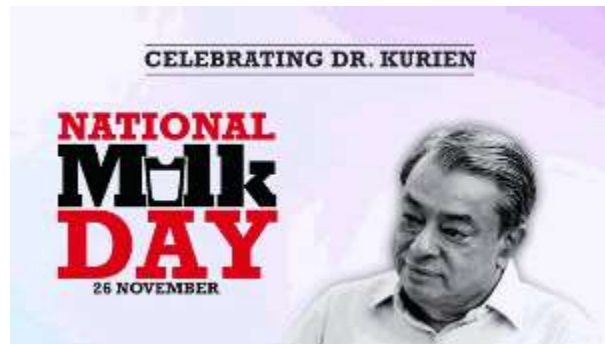
World Olive Tree Day - November 26

- ❖ The day was proclaimed at the 40th session of the UNESCO General Conference in 2019.
- ❖ The aim of World Olive Tree Day is to encourage the protection of the olive tree and the values it embodies.
- ❖ This is in order to appreciate its important social, cultural, economic, and environmental significance to humanity.



National Milk Day - November 26

- ❖ The day is being observed since 2014 to commemorate the birth anniversary of Dr. Verghese Kurien.
- ❖ He is also nicknamed “Milkman of India”.
- ❖ Dr. Verghese Kurien is known as the ‘Father of the White Revolution in India.
- ❖ He led Operation Flood, which is the largest agricultural dairy development program worldwide.



Indian Constitution Day - November 26

- ❖ The day is celebrated to mark the anniversary of the adoption of the Constitution of the country.
- ❖ The day is celebrated as Constitution Day or Samvidhan Diwas.
- ❖ On this day in 1949, the constitution was adopted which came into force on January 26, 1950.
- ❖ On 19th November 2015, during the year-long celebration of the 125th birth anniversary of Dr. B R Ambedkar, the Government of India declared November 26th as Constitution Day.



- ❖ Previously this day was celebrated as Law Day.



National Organ Donation Day - November 27

- ❖ In India, the 'National Organ Donation Day' is observed every year for the past 10 years.
- ❖ The day aims to promote awareness and recognize the selfless contribution made by deceased donors to healthcare and mankind re-instil our faith in humanity.
- ❖ 2021 marks the 12th National Organ Donation Day.
- ❖ It is organized by the National Organ & Tissue Transplant Organization under the Ministry of Health and Family Welfare.

International Day of Solidarity with the Palestinian People - 29 November

- ❖ The International Day of Solidarity with the Palestinian People is an UN organized day held every year.
- ❖ It is observed to mark the anniversary of resolution 181, wherein the Assembly adopted the resolution on the partition of Palestine on November 29, 1947.



Day of Remembrance for all Victims of Chemical Warfare - November 30

- ❖ The day is observed every year since 2005.
- ❖ The day marks a tribute to the victims of chemical warfare, as well as to reaffirm the commitment of the Organisation for the Prohibition of Chemical Weapons (OPCW) to the elimination of the threat of chemical weapons.



Computer Security Day - November 30

- ❖ The day is celebrated every year since the year 1988.
- ❖ This day is celebrated to raise awareness among the masses about information security and ways to keep all of their electronic devices and data protected from any potential threat.

MISCELLANEOUS

Mahatma Gandhi coin

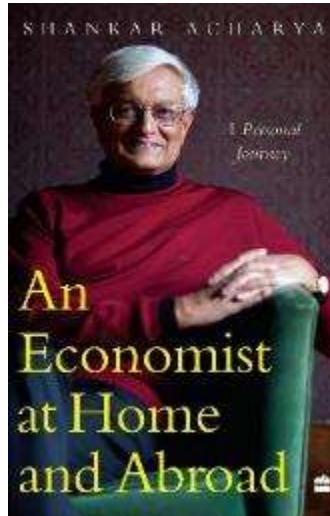
- ❖ Britain unveiled a new commemorative coin celebrating the life and legacy of Indian independence leader Mahatma Gandhi.
- ❖ The special coin is available in gold and silver.
- ❖ It features an image of India's national flower, the lotus, and one of Gandhi's most famous quotes: "My life is my message."



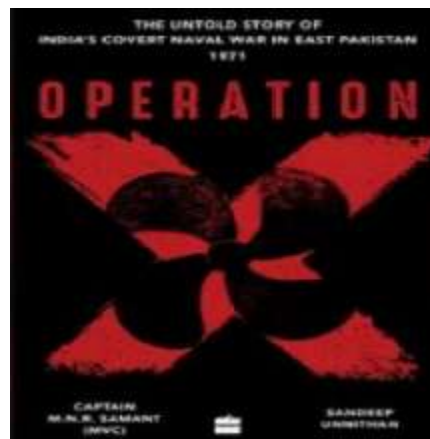


Dr Shankar Acharya's new book

- ❖ Dr Shankar Acharya has authored a new book titled “An Economist at Home and Abroad: A Personal Journey”.
- ❖ He is a noted Economist and former Chief Economic Adviser to the Government of India.
- ❖ The book features the professional and personal life of the most accomplished policy economist Dr Shankar Acharya.



Operation X



- ❖ Operation X, a tale of the War of Liberation was launched in Bangla.
- ❖ Operation X is co-written by Indian Capt MNR Samant and noted author and journalist Sandeep Unnithan.
- ❖ The book tells how commando operations, jointly undertaken by the Mukti Bahini and Indian Navy took place during the Liberation War in 1971.



New books

- ❖ The Congress leader Salman Khurshid recently launched his book on the Ayodhya verdict named “Sunrise over Ayodhya – Nationhood in our Times”.
- ❖ A book titled “Nehru: The Debates that Defined India” is co-authored by Tripurdaman Singh and Adeel Hussain.
- ❖ Aseem Chawla released his new book “Finding A Straight Line Between Twists and Turns – An Imperfect, Yet Honest Reflections on the Indian Tax Landscape”.
- ❖ Aseem Chawla is one of India’s leading tax lawyers and well-known international tax and policy expert.

Earth’s First Landmass

- ❖ A new study suggests that the Earth's first continents, known as the cratons, emerged from the ocean between 3.3 billion and 3.2 billion years ago.
- ❖ This new study has challenged the widely accepted view that the continents rose from the oceans about 2.5 billion years ago.
- ❖ It has also found that the earliest continental landmass to emerge may have been Jharkhand’s Singhbhum region.
- ❖ The study found sandstones in Singhbhum with geological signatures of ancient river channels, tidal plains and beaches over 3.2 billion years old, representing the earliest crust exposed to air.
- ❖ The granites that form the continental crust of the Singhbhum region are 3.5 to 3.1 billion years old.
- ❖ The sandstones tell us ‘when the first landmasses were formed’ and the granite tells us ‘how the first landmasses were formed’.



Abhijit Banerjee - book release

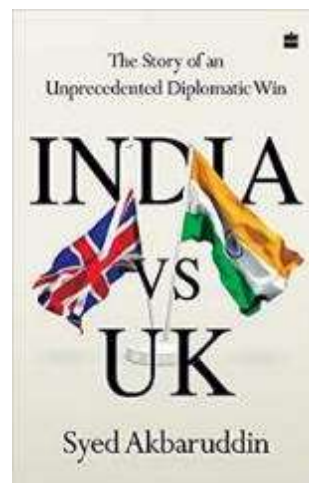
- ❖ Abhijit Banerjee has authored a new book (cookbook) titled “Cooking to Save your Life”.

- ❖ He is an Indian-born American economist & Nobel laureate,
- ❖ This book illustrated by France-based illustrator Cheyenne Oliver is published by Juggernaut Books.



Syed Akbaruddin - book release

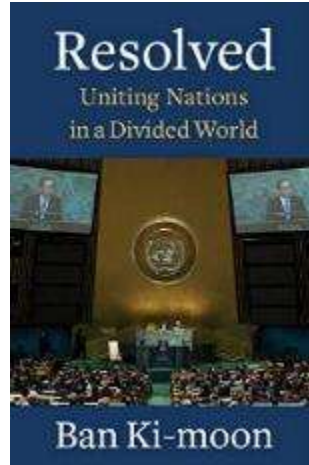
- ❖ Senior Indian diplomat, Syed Akbaruddin has authored a new book titled “India vs UK: The Story of an Unprecedented Diplomatic Win”.
- ❖ The book features the behind-the-scenes details on India’s victory against the United Kingdom in the elections to the International Court of Justice (ICJ) in 2017.



Autobiography of Ban Ki-moon

- ❖ A book titled ‘Resolved: Uniting Nations in a Divided World’ is an autobiography of the Former United Nations Secretary-General Ban Ki-moon.
- ❖ It consists of life experiences and challenges that the author faced in his life & elaborates his tenure in the United Nations (UN).

- ❖ He served as the 8th Secretary-General of the United Nations for a two 5-year term (2007-2016).
- ❖ The book was published by HarperCollins India.



The State of Food and Agriculture 2021 report

- ❖ It presents country-level indicators of the resilience of agri-food systems.
- ❖ The indicators measure the robustness of primary production and food availability, as well as physical and economic access to food.
- ❖ The report analyses the vulnerabilities of food supply chains and how rural households cope with risks and shocks.



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