

Monthly GK Digest

November 2022



Monthly Digest November-2022

Dear readers,

This **Monthly GK Digest** is a **complete docket** of important news and events that occurred in the month of '**November-2022**'. This file is important for, **Bank, SSC, and Railway** exams.

Banking & Financial Awareness

1. First Digital Rupee pilot project of India has been launched on **November 1, 2022** by RBI for the wholesale segment.
Note: Participated Banks: SBI, BoB, Union Bank of India, HDFC Bank, ICICI Bank, Kotak Mahindra Bank, Yes Bank, IDFC First Bank and HSBC. CBDC can be classified into two types: Retail (CBDC-R) and Wholesale (CBDC-W). CBDC-R: It would be potentially available for use by all. CBDC-W: It is designed for restricted access to select financial institutions.
2. The fiscal deficit of the central government from April-September 2022 has touched at **37.3%**.
Note: The fiscal deficit was 35% of BE in last fiscal. In absolute terms, the fiscal deficit was Rs 6,19,849 crore during the period.
3. The Reserve Bank has imposed fine of Rs 1.76 crore on Vakrangee, for violating **White Label ATM (WLA) directions** norm.
Note: Jammu and Kashmir State Co-operative Bank Ltd: Rs 30 lakh. The Pratap Co-operative Ltd (Mumbai-based): Rs 6 lakh. LIC Housing Finance and The Mysore Merchants Co-operative Bank Ltd: Rs 5 lakh. The Nagar Sahakari Bank Ltd, Maharajganj, Uttar Pradesh: Rs 4 lakh
4. **Rs. 1,51,718 crore** gross GST revenues of India has collected by the government in October 2022.
Note: Central GST (CGST) revenues for the month were ₹26,039 crore. State GST (SGST) was ₹33,396 crore and IGST revenues were ₹81,778 crore (including Rs 37,297 crore collected on import of goods). This mark the second highest monthly collections since the launch of the indirect tax regime. The highest GST collections in a month were recorded in April 2022, at ₹1,67,540 crore.
5. Insurance firm **HDFC ERGO** has launched a technology backed farm yield insurance policy for farmers.
Note: In this policy, a satellite-based index will be used to provide localized farm level coverage. It will provide comprehensive cover across the crop life cycle from sowing to harvesting, basis satellite-based data. The product is targeted at farmers under corporate/farm input company (FIC) contracts.
6. **Bank of India** has launched a special fixed deposit scheme named Star Super Triple Seven Fixed Deposit.
Note: This special scheme is providing 7.25% rate of interest (7.75 per cent for citizens) on a deposit for 777 days, for limited period. The bank has raised interest rate on its existing 555-days fixed deposit scheme to 6.30%.
7. Health insurance company **Niva Bupa** has partnered with IDFC FIRST Bank to provide best-in-class health insurance solutions to the bank's customers.
Note: It is the first bancassurance partnership of NBHICL for FY 23. Benefit: With this partnership, NBHIC can expand its reach through bank for their services, and address the healthcare related concerns of the bank's customers. Previously, NBHIC was known as the Max Bupa Health Insurance Company Limited.
8. **India Post Payments Bank (IPPB)** has conducted First Floating Financial Literacy Camp of India in Srinagar, J&K.
Note: Aim: To promote Financial Literacy 'By the women, for the women'. It was launched with an initiative called 'Niveshak Didi'. This concept is based on the ideology of women for women as rural area women feel more comfortable to share their queries with a female itself.
9. ADB has approved the funding of **USD 30 million** to the farm efficiency initiative of Smartchem Technologies Limited (STL).
Note: The loan facility will be for a tenure of 5 years. The ADB has also given approval for a technical assistance grant of USD 5,00,000 for building capacity for Soil Nutrition Management in India. This loan would be the first agribusiness "Blue Loan" of ADB. STL is a wholly-owned

subsidiary of Deepak Fertilisers and Petrochemicals Corporation.

- 10. State Bank of India (SBI)** has revised its credit growth outlook from 11-12% to 14-16% for the current financial year (FY23).

Note: Reason: To driven by strong revival in capex cycle and corporates replacing overseas credit with rupee loans. SBI has a pipeline of corporate loans worth ₹3.5 trillion under sanction. The country's largest lender (SBI) is seeing demand from infrastructure, renewable power, oil and marketing companies, and services sectors.

- 11. Unity Small Finance Bank Limited** has launched Shagun 366 (1 year, 1 day) fixed deposit scheme to offer the return of 7.80% p.a.

Note: While, 8.30% p.a. return for senior citizens for a 366-day tenure. This scheme is valid for deposits made before November 30, 2022. In addition to this, the Unity Bank has also raised the interest rates on both callable (up to 7.75% interest) and non-callable bulk deposits (up to 7.85%).

- 12. Asian Development Bank (ADB)** has approved a USD 350 million (about Rs 2,900 crore) loan to Maharashtra for better road connectivity.

Note: The Connecting Economic Clusters for Inclusive Growth will develop the road network in the Ahmednagar, Hingoli, Jalna, Kohalpur, Nagpur, Nanded, Nashik, Pune, Sangli and Satara districts. It will build on the Maharashtra State Road Improvement Project approved by ADB in April 2020.

- 13. Kerala** state has become the first state in India to launch uniform gold prices based on the bank rate.

Note: The decision to introduce a uniform price on 916 purity 22-carat gold has been taken at meeting between Malabar Gold and Diamonds and All Kerala Gold and Silver Merchants Association. It offers an opportunity for consumers to purchase gold at a reasonable and transparent price.

- 14. Conglomerate company Reliance Industries** will acquire German retailer, METRO AG's Cash & Carry business in India in a deal estimated at around 500 million euros.

Note: The deal includes 31 wholesale distribution centres, land banks and other assets owned by METRO Cash & Carry in India. It will help Reliance Retail to expand its presence in the B2B segment.

- 15. According to the latest data, released by the Association of Mutual Funds in India (AMFI), Maharashtra** state has topped the list of maximum MF penetration in India.

Note: Followed by New Delhi (42), and Goa (28). Reason: High income levels, Higher literacy rates, and Substantial inflows from corporations and high-networth individuals (HNIs). While Jharkhand is one of the top 10 states with 13%.

- 16. Bureau of Energy Efficiency (BEE)** has signed an agreement with the Small Industries Development Bank of India (SIDBI) to promote energy efficiency financing for MSMEs.

Note: SIDBI acts as the principal financial institution for the promotion, financing and development of MSMEs. Besides direct financing, it is also a project executing agency for Partial Risk Sharing Facility (PRSF) that guarantees energy efficiency projects.

- 17. Additional amount USD 100 million** was invested by the UAE-based bank, Emirates NBD in its India operations to open two more branches in Chennai and Gurugram.

Note: The lender, having the largest presence in the Middle East region, and invested USD 300 million in the last five years of its operations in India in three tranches. Its current presence is not as a wholly-owned subsidiary, which is preferred by RBI for units of foreign lenders.

- 18. Green bonds** will help to generate funds for investment in environmentally sustainable and climate-suitable projects.

Note: FM Nirmala Sitharaman has approved the final Sovereign Green Bonds framework of India. The Ministry has also constituted a Green Finance Working Committee (GFWC), chaired by CEA, GoI. The committee will meet at least twice a year to support Finance Ministry with selection and evaluation of projects.

- 19. Muthoot Mini Financiers** has introduced Safe lock Gold Loan facility with an objective to avail the benefits of a locker by pledging any quantity of gold for a minimum loan amount of Rs 100.

Note: The annual charges for using this facility is Rs 300. With this, the customer will have insurance coverage for the pledged gold jewellery. This facility can be obtained at any time through online and offline channels and repay as per the customer's convenience.

- 20. Complete digital lending solution RazorpayX Digital Lending 2.0** for NBFCs and FinTechs was launched by Razorpay.

Note: Aim: To support the new digital lending guidelines issued by RBI. It will help in automating direct disbursements & repayments between the borrower's and the Regulated Entity's account, which was mandated by the RBI recently. It also make easier for NBFCs and Fintechs to work together more efficiently than ever before.

- 21. The IMF** has agreed to support a package of **\$4.5 billion** to Bangladesh to stabilize the economy and protect the vulnerable people.

Note:

- Bangladesh is the third South Asian country, after Sri Lanka and Pakistan, to secure a bailout package from the IMF.

- The amount will be disbursed in seven installments till December 2026.
 - The first installment of \$447.48 million will be cleared in February 2023.
 - The Finance ministry officials calculated the interest rate to be around 2.2%.
- 22. State Bank of India** has lowered the current account deficit (CAD) at 3% for this fiscal (2022-23) as against the minimum consensus of 3.5%.
Note: Reason: Rising software exports, remittances and a likely \$5-billion jump in forex reserves via swap deals. CAD: The country is importing more goods and services than it is exporting. The biggest impact on CAD is oil imports, which form as much as 30% of the country's import bills.
- 23. National Payments Corporation of India (NPCI)** has launched the open-source license model for UPI based application -- **BHIM App**.
Note: Under the new model, the source code of the BHIM app will be licensed to regulated entities participating in the UPI ecosystem. Presently, a large number of banks do not have a mobile banking app and by licensing the source code of BHIM to such banks, NPCI bridge this gap by extending all available features of UPI to these entities.
- 24. In November 2022, The United States** Department of Treasury has removed India from its Currency Monitoring List after two years.
Note: The US has also removed Italy, Mexico, Thailand and Vietnam from its List. The countries that have been removed from the list have met only one out of three criteria for two consecutive reports. The USA has retained China, Japan, Korea, Germany, Malaysia, Singapore, and Taiwan as a part of its list.
- 25. According to the Moody's,** The economic growth forecast of India for the calendar year 2022 -- **7%**.
Note: Reason: Higher inflation, high interest rates and slowing global growth. The weakening of the rupee and high oil prices continue to exert upward pressures on inflation, which has remained above RBI '4 per cent -/+ 2 per cent' target inflation range.
- 26. SEBI** has introduced a regulatory framework to facilitate providers of online bond platforms that are selling listed debt securities.
Note: As per this rule, no person would act as an online bond platform provider without obtaining registration certificate as a stock broker from SEBI. A person, who is acting as an online bond platform provider without registration certificate prior to the date of this regulation coming into force, can continue to do so for a period of 3 months.
- 27. According to published quarterly numbers of public sector banks (PSBs), Bank of Maharashtra (BoM)** has emerged as the top performer among public sector lenders in terms of loan growth in percentage terms during the second quarter of 2022-23.
Note: BoM has recorded a 28.62% increase in gross advances at Rs 1,48,216 crore at the end of September 2022. It was followed by Union Bank of India, State Bank of India.
- 28. The RBI** has given its approval for opening of **Nine** Vostro accounts of Russians banks with banks in India.
Note: Aim: To allow bilateral trade to take place in rupee. Three accounts have already been opened—Gazprom Bank with UCO Bank and VTB and Sber Bank with their own branch offices in India. The remaining six are likely to be opened by Indusind bank. The RBI has allowed the special Vostro accounts to invest the surplus balance in Indian government securities
- 29. SBI** has signed a 150 million euro (Rs 1,240 crore) loan agreement with the German development bank KfW for funding solar projects.
Note: This loan will facilitate new and upcoming capacities in the solar sector and further contribute to the goals announced during the COP26. India and Germany had signed an MoU in 2015 to foster solar energy through technical as well as financial cooperation. This is the second loan from KfW to SBI as part of the solar partnership with India
- 30. The International Financial Services Centres Authority (IFSCA)** has signed an MoU with **RBI** for collaboration in the field of regulation and supervision of regulated entities.
Note: Aim: To strengthen the safety, stability and soundness of respective financial ecosystems. It also aims to ensure the conducive environments for optimal business development and economic growth. IFSCA is responsible for development and regulation of financial products, services and institutions.
- 31. ESAF Small Finance Bank** was honoured with the 'Best in Class' rating for ESG practices from CareEdge Ratings.
Note: ESG practices refers to Environment, Social, and Governance. With this recognition, it has become an entity with global ESG standards. ESAF is also the first Indian member bank of the Global Alliance on Banking on Values (GAVB).
- 32. Max Life Insurance** has launched Smart Wealth Advantage Guarantee Plan, a non-linked, non-participating individual life insurance savings plan.
Note: It offers guaranteed returns, life insurance cover and financial protection all combined in one product. One can choose premium payment term, deferment period and income duration. Income returns up to 30-40 years with lump sum at maturity. Inbuilt 'Additional Accidental Death Benefit' - amount equal to 50% of sum assured

33. InsuranceDekho platform has teamed with Life Insurance Corp of India to provide the latter's products on its platform.

Note: This partnership will help to provide insurance policies and establish 100% penetration in the remotest towns of the country. Currently, InsuranceDekho has more than 330 products from 45 insurers on its platform. LIC (India's largest life insurer) has been looking to enhance and diversify its distribution mix through partnerships and tie-ups.

34. SEBI has introduced a new option for appointment and removal of independent directors from the boards of companies.

Note: Two parameters: (1) threshold for ordinary resolution, (2) threshold for majority of minority shareholders. Currently, a special resolution to be passed, in which 75% of 'yes' votes are needed from a company's board. Under the alternate mechanism, if the special resolution does not get the requisite majority, then two other thresholds would be tested.

35. The Government of India has raised the maximum tenure of CEO and MD of public sector banks from 5 years to **10 years**.

Note: Aim: This move will help the government to retain the best talent in the banking sector. This is also applicable for whole-time directors of all Central Public Sector Enterprises (CPSEs). The amendment would be called Nationalised Banks (Management and Miscellaneous Provisions) Amendment Scheme, 2022.

36. Tata Power Solar Systems Limited has tied up with Union Bank of India (UBI) to help MSME (Micro, Small and Medium Enterprises) sector switch to solar solutions.

Note: TPSSL is a wholly owned subsidiary of Tata Power Renewable Energy Limited (TPREL). Objective: To improve access to green energy and save on the cost of electricity, thus making MSMEs more profitable. The association will be implemented under UBI's solar scheme called 'Union Solar'.

37. As per the Crisil rating agency report published in November 2022, **7%** would be the India growth forecast for 2022-23.

Note: Reason: The slowdown in global growth and its impact on India's exports and industrial activity. As per the Crisil, the growth of country's gross domestic product (GDP) will slow considerably to 6% (FY24) from 6.5%.

38. As per the Goldman Sachs report published in November 2022, **5.9%** would be the economic growth forecast of India in 2023.

Note: Reason: As the boost from the post-COVID reopening fades and monetary tightening weighs on domestic demand. Goldman Sachs has also expected

that inflation will drop to 6.1% in 2023, from 6.8% in 2022. Recently, RBI has also pegged the domestic growth rate at 7% for 2022-23. India economist at Goldman Sachs: Santanu Sengupta

39. Airtel Payments Bank has launched face authentication-based savings bank account opening for customers.

Note: Aim: To ease the account opening process and provide better customers experience. It is the first payments bank in the country to offer this facility. It will also help business correspondents of the bank to open an account just by undertaking face authentication e-KYC. The authentication is processed by using a newly developed mobile application by UIDAI.

40. As per the Organisation for Economic Co-operation and Development (OECD), **6.6%** would be the India's gross domestic growth forecast for the current financial year (FY23).

Note: Reason: Higher medium-term global uncertainty and slowing domestic economic activity. As per the OECD, the headline inflation remains above 6% mostly due to the trend increase in the price of food.

41. National Payments Corporation of India (NPCI) has recommended Reserve Bank of India to limit the volume cap of UPI.

Note: Currently, there's no cap on volume and Google Pay and PhonePe, which hold the market share of about 80 per cent. The NPCI had proposed a 30 per cent volume cap for third-party app providers (TPAP). NPCI in 2020 came up with a directive to cap the share of transactions TPAP.

42. As per the Reserve Bank of India (RBI), the overnight balances under the SDF will be eligible as 'Level 1 High Quality Liquid Assets (HQLA)' for computation of the Liquidity Coverage Ratio (LCR). **Standing Deposit Facility** is the full form of SDF.

Note: Reason: To enhance the ability of banks to achieve LCR. LCR promotes short-term resilience of banks to potential liquidity disruptions. It also ensures that banks have sufficient HQLAs to survive an acute stress scenario lasting for 30 days.

43. As per the recent RBI data, the CD ratio of the Northern and Western Regions have been declined in 2022. The fullform of CD ratio is **Credit-Deposit**.

Note: While the North-Eastern, Eastern, Central and Southern Regions improved. CD ratio indicates that how much of each rupee of deposit goes towards credit markets in a particular region. Low CD ratio: It suggests relatively poor credit growth compared with deposit growth. High CD ratio: Strong demand for credit, relatively slower deposit growth.

44. BillBox has launched TapTap, a wearable device that enables contactless payments.

Note: This card was launched in association with NSDL Payments Bank and Visa. Aim: To simplify

payments and offer users convenience. It has been launched with silicon band, silicon strap and silicon loop which will be available in white, black and blue colours.

- 45. IDFC First Bank** has launched a sticker-based debit card named FIRSTAP.

Note: It was launched in association with National Payments Corporation of India (NPCI). Aim: To facilitate transactions by simply tapping the sticker on a Near Field Communication (NFC) enabled point-of-sale terminal. The sticker-based debit card is one third the size of a regular debit card.

- 46. Canara Bank** has launched an Electronic Bank Guarantee (e-BG) in partnership with National E-Governance Services Limited (NeSL).

Note: With this, bank can offers an API based digital workflow of Bank guarantees. It will eliminate physical issuance, stamping, verification and paper-based record maintenance of Bank Guarantees paving the way to augment integration of Environmental and Social Governance (ESG) framework into Business.

- 47.** As per the data of the Department for Promotion of Industry and Internal Trade (DPIIT), **\$26.9 billion** Foreign Direct Investment (FDI) equity inflows into India has been recorded during the April-September 2022.

Note: Singapore emerged as the top investor with USD 10 billion FDI. It was followed by Mauritius (USD 3.32 billion), UAE (USD 2.95 billion), USA (USD 2.6 billion), the Netherlands (USD 1.76 billion), and Japan (USD 1.18 billion).

- 48. ₹17,000 crore** has been released by the central government to states and UTs towards the balance Goods and Services Tax compensation for the April-June 2022 period.

Note: The total amount of compensation released to states and UTs so far this fiscal is ₹1.15 trillion (including the latest tranche). This is despite the fact that total GST cess collection till October 2022 was only ₹72,147 crore. And, the balance of ₹43,515 crore is being released by the Centre from its own resources.

- 49.** IRDAI has approved the amendments to rules on registering insurance companies and investing in them, to enable the Insurance for All by the year **2047**.

Note: Private equity (PE) funds can now directly invest in insurance companies and investment by PE through special purpose vehicles (SPVs) has been made optional. Investment up to 25% of the paid up capital by single investor will now be treated as ‘investor’ and above 25% single investor will be treated as promoter”.

- 50.** The **SEBI** has amended norms to bring buying and selling of mutual fund units under the insider

trading rules and became effective from 24th November 2022.

Note: Any person who is connected with a fund house and comes into possession of unpublished, price-sensitive information shall not be permitted to trade in MF units. AMCs will have to disclose the details of holdings in the units of its MF schemes (trustees and their immediate relatives on the platform of stock exchanges).

- 51.** Hyundai Construction Equipment India has signed an agreement with **Karnataka Bank** to broaden the Bank's MSME funding prospects.

Note: This MoU will allow both Hyundai and Karnataka Bank to provide consumers with customised financial solutions. With this tie up, Bank will be designated as a financial partner and will be able to meet the needs of customers by providing loans at competitive interest rates for purchase of equipments from Hyundai Construction Equipments India.

- 52.** As per the S&P Global Ratings report, published in November 2022, **7%** would be the India's economic growth forecast of India for current fiscal year (FY23).

Note: The firm has also announced that the domestic demand-led economy will be less impacted by the global slowdown. S&P had in September (2022) projected the Indian economy to grow 7.3 per cent in 2022-23 and 6.5 per cent in next fiscal year (2023-24).

- 53.** The RBI will launch the first pilot for the retail digital Rupee on **1st December 2022**.

Note: Presently, eight banks have been identified for phase-wise participation. First phase: SBI, ICICI, Yes Bank and IDFC First. Subsequent phase: BoB, Union Bank of India, HDFC and Kotak Mahindra. This pilot project would initially cover Mumbai, New Delhi, Bengaluru and Bhubaneswar. Later, it is extended to Ahmedabad, Gangtok, Guwahati, Hyderabad, Indore, Kochi, Lucknow, Patna and Shimla.

- 54.** The Reserve Bank of India (RBI) has imposed a penalty of Rs 1.25 crore on Zoroastrian Co-operative Bank, Mumbai for the non-compliance of **Discounting of bills**.

Note: The RBI has imposed penalty of Rs 20 lakh on Indian Mercantile Co-operative Bank, Lucknow for non-compliance with the certain norms related classification of non-performing assets. The central bank also imposed penalties on five other cooperative banks.

- 55.** SEBI has set up a high-level panel to review the takeover norms in a move to simplify and strengthen the current rules by adopting appropriate global practices. **Shiavax Jal Vazifdar** is the head of this panel.

Note: Members: 20-member committee. The SEBI regulator will also assess the current rules in the light of past judicial pronouncements and various informal guidelines issued by the capital markets regulator.

56. Star Health and Allied Insurance has launched Star Out Patient Care Insurance Policy, which aims

at providing complete health and wellness benefits to customers at an affordable cost.

Note: The claims processing procedure will be entirely digital. The policy is available on individual or floater basis and cover up to six family members. Age: 18 - 50 years (adults) and 31 days to 25 years (dependent children). Four sum insured (SI) options: ₹25,000, ₹50,000, ₹75,000 and ₹1 lakh.

Obituaries

1. Jamshed J. Irani, who has been passed away, also known as **Steel Man of India**.

Note: He was associated with Tata Steel for 43 years and retired from the board of Tata Steel in June 2011. He served as the National President of the Confederation of Indian Industry (CII) for 1992-93. He was conferred the Padma Bhushan in 2007 for his contribution to the industry; and International Fellow of the Royal Academy of Engineering in 1996.

2. Elaben Bhatt, who has passed away recently, was a founder of **SEWA**.

Note: She was the Chairperson of Sabarmati Ashram and recently resigned as the Chancellor of Mahatma Gandhi-founded Gujarat Vidhyapith. In 2007, she joined the group of world leaders called the Elders (founded by Nelson Mandela) to promote human rights and peace across the world. Awards: Padma Bhushan (1985), Ramon Magsaysay Award (1977)

3. Vijayakumar Menon, who has passed away, was a **Critic artist**.

Note: He has authored many books such as Adhunika Kaladarsanam; Ravivarma Padanam; Bharathiya Chitrakala-Irupatham Noottandil; and Bharathiya Lavanya Darsanavum Kala Parasparyavum. He has translated many plays from foreign languages to Malayalam. He was awarded with Kerala Lalithakala Akademi Award for best book on art; Kerala Sahitya Akademi's endowment for Scholarly Literature; Kesari Puraskaram.

4. Shyam Saran Negi, who was passed away recently, he was a **First voter of independent India**.

Note: He had cast his vote for the 34th time on November 2 for the Himachal assembly polls. He would be cremated with full honours at his village in Kalpa. In 1951, he was a member of the polling team and vividly remembers that he cast his first vote in Shonthong polling station. Negi was also made the brand ambassador by the Election Commission.

5. Gal Costa, who has been passed away, was a **Brazilian singer**.

Note: Her known studio albums are - Aquarela do Brasil, Dindi, Que Pena, A Pele do Futuro, and Baby.

In 2011, she was honoured with the Latin Grammy Lifetime Achievement Award.

6. Siddhaanth Vir Surryavanshi, who has been passed away, was a/an **Actor**.

Note: He was best known for his roles in shows like 'Kkusum' and 'Kasautii Zindagi Kay'. He started his career as a model and then made his debut with 'Kkusum'. He was also a part of several other TV shows including, 'Kasautii Zindagii Kay', 'Sufiyana Ishq Mera', 'Ziddi Dil Maane Na' and 'Waaris'.

7. RL Kashyap, who passed away, was a scholar in **Mathematic** subject.

Note: Shri RL Kashyap was a multifaceted personality and great scholar. He was very proud of India's cultural roots and distinguished himself in Vedic studies. RL Kashyap worked as a professor in the Department of Electrical and Computers for three decades at Purdue University in America.

8. Veteran actor Ghattamnaneni Siva Rama Krishna Murthy, known as Krishna has passed away, was belongs to **Telugu** regional cinema.

Note: He was the father of Telugu superstar Mahesh Babu. He was active in the Telugu film industry for over six decades and has worked in over 350 films.

9. Actor Kevin Conroy, who has passed away, has given his voice to **Batman** animated character of Warner Bros' TV show.

Note:The acclaimed animated series, which launched in 1992 and continued until 1996, is where Conroy first voiced Batman. He also appeared in several DC Universe Animated Original Movies, including Batman: Gotham Knight (2008), Superman/Batman: Public Enemies (2009), and Justice League vs. the Fatal Five (2019).

10. Daljeet Kaur, who has passed away was a famous **Actor**.

Note: She was well-known for her lead roles in several superhit Punjabi movies, has been passed away at 69 due to brain tumour. She started her career in movies with 'Daaz' in 1976. She has starred in several hit movies, including 'Putt Jattan De' (1983), 'Mamla Garbar Hai' (1983), 'Ki Banu Duniya Da' (1986), 'Patola' (1988) and 'Saida Jogan' (1979).

11. Abasar Beuria, who has passed away, was an **Indian ambassador**.
Note: He started his career as a lecturer and then as a bank officer before joining IFS. He served as the chairman of the Institute of Odia Studies & Research (IOSR).
12. Tabassum Govil, who was popularly known as Baby Tabassum, has passed away, was an **Actress**.
Note: She started her career as a child artist in 1947 with Nargis. The actress later starred in films like Jogan, Deedar, Bahar, Bari Behen and more. Her last movie was Swarg, which released in 1990. She was best known for hosting Phool Khile Hain Gulshan Gulshan - India's first talk show.
13. Founder and chairman of drink company **Rasna group**, Areez Khambatta passed away.
Note: Khambatta had established the popular orange-flavoured beverage brand in 1976. He was awarded the President of India's Home Guard and Civil Defence Medal, as well as the Paschimi Star, Samarseva, and Sangram Medals. He was honoured with the National Citizen's Award for his outstanding contribution in the field of commerce.
14. **Veteran Politician** Golak Bihari Naik passed away.
- Note:** He started his political career with BJP and later joined the Biju Janata Dal. He was elected to Odisha Assembly thrice, twice as BJP candidate from Khunta and once as BJD nominee from Udala constituency. He served as a minister in the Naveen Patnaik-led government from 2000 to 2009.
15. Vikram Gokhale, who passed away was an **Actor**.
Note: Vikram Gokhale was made his film debut in 1971 with Amitabh Bachchan's Parwana. He was known for his on-screen roles in films like Hum Dil De Chuke Sanam. In 2010, he received the National Award for Best Actor for his work in the Marathi film Anumati. He also forayed into direction with the Marathi film Aaghaat. The actor was last seen in the Marathi film 'Godavari.
16. Vice Chairman of **Toyota Kirloskar Motor Pvt Ltd**. Vikram S Kirloskar passed away.
Note: He became the vice chairman of Toyota Kirloskar in 1998. He has also served as president of the Society of Indian Automobile Manufacturers from 2013-15. He also served as the President of the Confederation of Indian Industry (CII) for 2019-20.

Important Days

1. President, Droupadi Murmu has inaugurated 7th edition of India's Water Week in Greater Noida on **November 1, 2022**.
Note: 2022 theme: "Water Security for Sustainable Development and Equity". This event was organised by the Ministry of Water Resources, River Development, and Ganga Rejuvenation till the 5th of November. Aim: To raise awareness, conserve and use water resources in an integrated manner.
2. The University Grants Commission has declared **December 11** as a 'Bharatiya Bhasha Divas' every year.
Note: Aim: To create language harmony and develop a conducive environment for learning Indian languages. The committee has selected December 11 as Bharatiya Bhasha Divas to mark the birth anniversary of poet Subramania Bharati, who was a pioneer of modern Tamil poetry.
3. Central Vigilance Commission (CVC) was observed Vigilance Awareness Week on **31st October 2022 to 6th November, 2022**.
Note: Theme 2022: Corruption free India for a developed Nation. During the Vigilance Awareness Week, public meetings held at district and block levels in order to raise public awareness against perils of corruption. CVC has the mandate under the CVC Act, 2003 to fight corruption and to ensure integrity in public administration.
4. World Radiography Day is observed annually on **November 8** to mark the anniversary of the discovery of x-rays.
Note: 2022 theme: Radiographers at the Forefront of Patient Safety. The X-ray was discovered by Professor Wilhelm Conrad Roentgen (Wuerzburg University, Germany) in 1895.
5. Public Service Broadcasting Day is celebrated on **12th November** every year.
Note: This day is commemorate the only visit of Mahatma Gandhi to All India Radio in Delhi in 1947. The day was declared as Public Service Broadcasting Day or (Jan Prasaran Diwas) in 2001.
6. **Second Thursday of November** has observed as the World Usability Day annually.
Note: The date is also mentioned on the UN calendar. World Usability Day, which will fall on November 10 this year, is also known as 'Make Things Easier' day. " The theme of World Usability Day 2022 is "Our Health".
7. The National Education Day is observed annually on **November 11** in India.
Note: This day marks the birth anniversary of Maulana Abul Kalam Azad, who was India's first education minister after independence. He was awarded Bharat Ratna posthumously, India's highest civilian honour in 1992.
8. The World Science Day for Peace and Development annually on **November 10**.

Note: It was proclaimed by the UN Educational, Scientific and UNESCO in 2001 under the UNESCO 31 C/Resolution 20. This year's theme for World Science Day for Peace and Development is "Basic Sciences for Sustainable Development".

9. National Legal Services Day is marked every year on **9th November**.

Note: It celebrates the commencement of the Legal Services Authorities Act, 1987 which came into force on this very day in 1995. The Legal Services Authorities Act of 1987 was passed on October 11, 1987, and took effect on November 9, 1995.

10. The International Week of Science and Peace every year around the globe -- **November 9 to November 14**.

Note: This week is an initiative taken by the United Nations (UN), hoping to make people contribute towards the encouragement and promotion of peace across the globe.

11. World Diabetes Day is observed every year on **November 14** to bring the attention of the people to health threats posed by diabetes.

Note: The theme of World Diabetes Day 2022 is "access to diabetes education". This day was first observed in the year 1991 by the declaration of the International Diabetes Federation (IDF) and World Health Organisation (WHO). This day mark the birth anniversary of Frederick Banting, who, along with Charles Best, have discovered insulin.

12. The World Kindness Day is observed every year on **November 13** to promote kindness and support this fundamental attribute that links people from all walks of life.

Note: The theme for World Kindness Day 2022 is 'Kindness makes you live longer'. This day was commenced in 1998 by an organisation named World Kindness Movement during the 1997 Tokyo conference. In 2019, under Swiss law, this organisation was registered as an official NGO.

13. Janjatiya Gaurav Divas is observed on **15th November** across the nation, to commemorate the contributions of tribal communities in the nation's history and culture.

Note: On this day, President Droupadi Murmu has paid tributes to Bhagwan Birsa Munda at Ulihatu village in Jharkhand. Birsa Munda was born on 15th November 1875 in a Munda tribe.

14. India has recognized National Epilepsy Day on **17th November** annually to raise awareness about Epilepsy.

Note: According to the Epilepsy Foundation, 2022 theme is "There is no NEAM without ME". November is observed as the Epilepsy Awareness Month to educate and aware people about the signs, symptoms and impact of this disease. Epilepsy: A disease that affects the central nervous system of

the brain. International Epilepsy Day: Second Monday of February.

15. National Newborn Week is celebrated every year in the week of **15 to 21 November** to reinforce the importance of neonatal health as a priority area of the health sector.

Note: Main causes of newborn death: Prematurity; Complications during birth; Severe infections; Causes of newborn deaths in India. This day is observed by the Ministry of Health and Family Welfare. The India Newborn Action Plan (INAP) was launched in 2014, in response to global Every Newborn Action Plan (of WHO).

16. World Antimicrobial Awareness Week is observed every year in the week of **November 18 to 24**.

Note: Aim: To spread awareness about antibiotic or antimicrobial resistance. Theme 2022: Preventing Antimicrobial Resistance Together. According to WHO, Antimicrobial resistance (AMR) occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines. This day was first observed in 2015.

17. The United Nations has observed World Toilet Day on **November 19** annually with an aim to raise public awareness of broader sanitation systems such as wastewater treatment, and hand washing.

Note: World Toilet Day 2022 Theme: Making the Invisible Visible This day was established in 2001 by Singaporean philanthropist Jack Sim (Founder of the World Toilet Organization).

18. World Children's Day is celebrated on **November 20** annually to promote international togetherness and awareness among children as well as to improve their welfare.

Note: This day marks the anniversary of the UN General Assembly adopted a Declaration and Convention on children's rights. Theme 2022: Inclusion, For Every Child. This day was first celebrated as Universal Children's Day, in 1954.

19. National Naturopathy Day is observed in India every year **18th November** to promote positive mental and physical health through drug-free therapy.

Note: National Naturopathy Day was established on November 18th 2018 by the Ministry of AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homeopathy), Government of India. The Theme for this year's event is "Naturopathy: an Integrative medicine".

20. The Constitution Day is celebrated every year on **November 26** to commemorate the adoption of the Constitution of India.

Note: On this day, PM Modi has launched various initiatives. Virtual Justice Clock: To exhibit vital statistics of the justice delivery system at the Court level. JustIS Mobile App 2.0: Tool for judicial officers for effective court and case management by

monitoring pendency and disposal. Digital court: The court records available to the judge in digitised form

21. The International Day for the Elimination of Violence against Women has been observed every year on **November 25** to pay tribute to the Mirabal sisters, the Dominican Republic activists who were murdered at the order of Rafael Trujillo in 1960.
Note: 2022 theme: UNITE! Activism to End Violence against Women & Girls. On 7 February 2000, the General Assembly has adopted the resolution 54/134 to officially designate 25 November as day for Elimination of Violence against Women
22. International Jaguar Day is observed annually on **November 29**.

Note: Aim: To raise awareness about the increasing threats facing the jaguar and the critical conservation efforts ensuring its survival. International Jaguar Day celebrates the Americas' largest wild cat as an umbrella species for biodiversity conservation. It is an icon for sustainable development and the centuries-old cultural heritage of Central and South America. This is the third largest Cat Predator of the World and an important species of Amazon Rainforest.

23. Day of Remembrance for all Victims of Chemical Warfare is commemorated on **November 30**.
Note: It was adopted by the United Nations to remember the victims of chemical warfare. Aim: To encourage efforts for eliminating the use of chemical weapons and remember those who have suffered because of such warfare.

New Appointments

1. The Board of Directors of Samsung Electronics has approved the appointment of **Jay Y Lee** as executive chairman of the company.
Note: This appointment was recommended by Independent Director and Board Chairman, Han-Jo Kim. He takes over a position previously held by his father, Lee Kun-hee. Samsung Electronics is a South Korean multinational electronics corporation headquartered in Yeongtong-gu, Suwon, South Korea.
2. **Vetsa Rama Krishna Gupta** has assumed the additional charge of Chairman and Managing Director of Bharat Petroleum Corporation Limited (BPCL).
Note: He has replaced Arun Kumar Singh, who superannuated on 31st October 2022. Gupta has joined BPCL in August 1998 and has an experience across Finance functions (Commercial Finance, Corporate Accounts, Risk Management, Budgeting, Treasury operations, etc).
3. **Vishal Kapoor** has been appointed as the CEO of Energy Efficiency Services Limited (EESL).
Note: He replaced Arun Kumar Mishra, who hold this position last year. He will take charge after completing his tenure as the joint secretary at the Ministry of Power. As joint secretary, he led various government interventions, schemes, and reforms in the distribution sector.
4. The Federation of Indian Chambers of Commerce and Industry (FICCI) has appointed **Subhrakant Panda** as President.
Note: He is also serving as the Managing Director of Indian Metals & Ferro Alloys Ltd. (IMFA). He will succeed Sanjiv Mehta (CEO & Managing Director, Hindustan Unilever Limited (HUL)) as President at

the 95th Annual General Meeting, scheduled to be held on December 16 and December 17, 2022.

5. **KV Kamath** has been appointed as an Independent Director and non-executive Chairman for Reliance Strategic Investment Limited (RSIL) for 5 years.
Note: Currently, he is the Chairman of the National Bank for Financing Infrastructure and Development. He was retired from ICICI Bank as MD & CEO in 2009 and continued as chairman till 2015. He was also appointed as the first president of BRICS Countries bank, NBD.
6. **KV Kamath** has been appointed as an Honorary Member in the General Division of the Order of Australia (AM) for his contribution to the Australia-India bilateral relationship.
Note: He is a tireless promoter of Australia-India relations, challenging the nations' governments and people to realise the underlying potential of a stronger bilateral relationship.
7. **Mohammad Tayyab Ikram (Macau)** has been elected as the new president of the International Hockey Federation (FIH) for two years.
Note: He is a CEO of Asian Hockey Federation (AHF). He has succeeded Narinder Batra (India) as its full-time chief. He has defeated Marc Coudron (Belgium) in the 48th FIH Congress. Batra became the FIH president in 2016, resigned from the post in July.
8. **Anant Goenka** has been appointed as the interim managing director of Zensar Technologies Ltd.
Note: He has been appointed for a term up to the next annual general meeting of the company or 31 July 2023 whichever is earlier subject to requisite approvals. Reason: As the present CEO Ajay Bhutoria is undergoing treatment for an undisclosed health condition.

9. **Vijay Srirangam** has been appointed as part-time Non Official Director and Non Executive Chairman of Canara Bank for three years.
10. Byju's has appointed football player **Lionel Messi** as the global brand ambassador of its social initiative, "Education For All".
Note: Aim of this initiative: To make education equitable, accessible, and free for underserved kids in India. Byju's has tied-up with Messi, ahead of the Fifa World Cup 2022 that will be held in Qatar. Messi also runs his own non-profit organization Leo Messi Foundation, that deals with issues such as healthcare, education and sports.
11. **Rituraj Awasthi** has been appointed as the chairperson of 22nd Law Commission of India.
Note: He was a Judge of Allahabad High Court and former Chief of Karnataka HC. 22nd Law Commission was formed in February, 2020. Other members: Justice KT Sankaran(former Kerala HC judge), Prof. Anand Paliwal, Prof. DP Verma, Prof. (Dr) Raka Arya and M Karunanithi
12. **Prof. Kishor Basa** has been appointed by the Ministry of Culture India as the chairman of National Monuments Authority (NMA) for three years.
Note: Presently, he is serving as Vice Chancellor of Maharaja Sriram Chandra Bhanja Deo University in Baripada. He is also the member of Indian National Confederation and Academy of Anthropologists (INCAA).
13. The GSMA has elected Bharti Airtel CEO as Deputy Chair for two-year term (Jan 2023- Dec 2024) --
Gopal Vittal
Note: He is the second Indian after Sunil Mittal (Bharti Enterprises Chairman) to be named a top GSMA functionary. Mittal had served at the highest level as GSMA's Chair during 2016-18. While, CEO of Spain's Telefónica Group, José María Álvarez-Pallete López will continue as the GSMA Chair.
14. **Aruna Miller** has become the first Indian-American politician to win the election of Lieutenant Governor in the state of Maryland.
Note: She is also the first South Asian woman to serve at such an important position. She was born in Hyderabad, India in 1964 and was immigrated to the United States when she was seven-years-old. She became a US citizen in 2000.
15. **Ramesh Kejriwal** has been elected as president the All India Rubber Industries Association (AIRIA) for 2022-23.
Note: He has succeeded Dr. Sawar Dhanania. Role: Leading forward the road map of AIRIA for rubber industries in the country. Prior to this, he was a Managing Committee Member of AIRIA and had served as the Eastern Region Chairman.
16. **Neeraj Chopra** has been appointed as the 'Friendship Ambassador' by Switzerland Tourism.
Note: Role: To showcase and promote the adventurous, sporty, and stunning outdoors of Switzerland to Indian travellers. He was also visited the Olympic Museum in Lausanne, where he donated his gold-winning javelin.
17. **Greg Barclay** has been re-elected as the Independent Chair of the International Cricket Council (ICC) for a second two-year term.
Note: He was unopposed following the withdrawal of Tavengwa Mukuhani (Zimbabwe) from the process. He is an Auckland-based commercial lawyer. He was appointed as the ICC Chair in November 2020. Prior to this, he was the Chair of New Zealand Cricket (NZC) and was a director of the ICC Men's Cricket World Cup 2015.
18. **Nataša Pirc Musar** has won a runoff vote to become Slovenia's first female president.
Note: Pirc Musar has secured 54% of the votes, while her rival, former Foreign Minister Andzej Logar has won 46%. She is a former TV presenter who became an influential lawyer. She campaigned on human rights, the rule of law and social welfare issues. She had also represented former US first lady, Melania Trump in copyright and other cases in her native Slovenia.
19. **Gaurav Dwivedi** has been appointed the Chief Executive Officer of Prasar Bharati for five years.
Note: Presently, he is posted as Principal Secretary, Commercial Tax, in the Chhattisgarh government. Prior to this, he was also served as the CEO of MyGovIndia, which was launched by PM Narendra Modi in 2014.
20. The government of India has appointed **Dr Arvind Virmani** as a full time member of NITI Aayog with immediate effect.
Note: He was Chief Economic Advisor in the Finance Ministry from 2007-09. He had also worked as the Executive Director at IMF till 2012. He served as a member of the Technical Advisory Committee of RBI on monetary policy from 2013 to 2016.
21. **Vivek Joshi** has been nominated by the government as a Director of the central board of RBI, with effect from November 15, 2022, until further orders.
Note: He is the secretary of the Department of Financial Services. He has also served as joint secretary with the Department of Expenditure from 2014 to 2017, where he was responsible for formulation of public procurement policies for the Centre and appraisal of publicly funded projects and schemes.
22. **Achanta Sharath Kamal** has become the first Indian to be elected in the Athletes' Commission of the International Table Tennis Federation.
Note: He will serve in the Commission from 2022 to 2026. Elected Athletes: Elizabeta Samara, Achanta Sharath Kamal, Daniely Rios, Omar Assar, Melissa Tapper, Stefan Fegerl, Jon Persson, and Liu Shiwen.

Elected Para-Athletes: Ingela Lundback and Kelly van Zon

23. Meta has appointed **Sandhya Devanathan** as the Vice President and Head of Meta India.

Note: She will take charge on January 1, 2023 and will report to Dan Neary (Vice President, Meta APAC). She joined Meta in 2016 and build out the Singapore and Vietnam businesses and teams as well as Meta's e-commerce initiatives in Southeast Asia. Presently, she is working as Vice President - Asia-Pacific, Gaming at Meta.

24. **C V Ananda Bose** has been appointed as the Governor of West Bengal.

Note: He is a 1977 batch (retired) Indian Administrative Service (IAS) officer of Kerala cadre. He has replaced Manipur Governor, La Ganesan, who had taken the additional charge of West Bengal since after the incumbent Jagdeep Dhankhar was nominated as the vice president candidate.

25. Pension Fund Regulatory & Development Authority (PFRDA) has appointed **Suraj Bhan** as the chairman of the National Pension System Trust (NPS Trust) with effect from November 12, 2022.

Note: He has been a Trustee on the Board of NPS Trust since 2018. He joined the Indian Economic Service in 1983 and retired as Director General of Labour Bureau, Chandigarh, in January 2018.

26. **Arun Goel** has been appointed as the new Election Commissioner of India with effect from the date he assumes the office.

Note: Election Commission of India (ECI) is a constitutional body to conduct and regulate elections in the country. It consists of a chief election commissioner (CEC) and two election commissioners (usually retired IAS or IRS officers).

27. Kassym-Jomart Tokayev has secured a second term in snap presidential election after winning 81.31% of the vote. He became the **President of Kazakhstan**.

Note: He came to power in 2019, before that, he has served as acting president after the resignation of president, Nursultan Nazarbayev. During his tenure, he had changed the name of capital from Nur-Sultan (2019) back to Astana. He has also approved a constitutional amendment to increase the presidential term from five years to seven.

28. **T G Sitharam** has been appointed chairman of the All India Council for Technical Education (AICTE) for three years or till he attain the age of 65, whichever is earlier.

Note: He will replace UGC chairman, Jagadesh Kumar, who was holding the interim charge of the AICTE chairman after the retirement of Anil Sahasrabuddhe on September 1, 2021. Sitharam tenure as an IIT director will expire in July 2024.

29. **Subrat Kumar** has been appointed executive director of the Bank of India with effect for three years.

Note: He has an experience of 27 years in commercial banks and asset management companies. Other ED appointments (by govt): Lalit Tyagi (BoB); Binod Kumar (PNB); Ashok Chandra (Canara Bank); Ramasubramanian (Union Bank). Mahesh Bajaj (Indian Bank); M Paramasivan (PNB); Malladi Venkat Murali Krishna (CBI); Rahendra Saboo (UCO); Sanjay Mudaliyar (Indian Overseas Bank)

30. **Vinit Kumar** has taken charge as the chief executive officer of Khadi & Village Industries Commission (KVIC).

Note: He is an IRSEE officer of 1993 batch, has served as the Chairman of Syama Prasad Mukherjee Port, Kolkata from 2018-2020. He has also served as Chief Electrical Engineer in Mumbai Railway Vikas Corporation Ltd. and looked after World Bank funded MUTP project.

31. Prof. **Venu Gopal Achanta (Director of CSIR-National Physical Laboratory (CSIR-NPL))** has been elected as a member of the International Committee for Weights and Measures (CIPM).

Note: He is the 7th Indian to be elected to the CIPM. The 27th General Conference on Weights and Measures (CGPM) meeting was held on 15-18 November, 2022 at Paris, France. The first Indian to be elected as a member of CIPM was Dr. K.S. Krishnan (Founder Director of CSIR-NPL).

32. **Anwar Ibrahim** has been sworn-in as the 10th Prime Minister of Malaysia, by King Sultan Abdullah Sultan Ahmad Shah at the palace in Kuala Lumpur.

Note: Neither Anwar nor ex-premier Muhyiddin Yassin had won the simple majority (112 seats) needed to form a government. Anwar started his political career as a student leader before joining United Malays National Organisation (UMNO), where he rose to become deputy PM and finance minister.

33. **Deepa Malik** has been appointed as the national ambassador of TB Mukta Bharat campaign.

Note: She has also extended her support to the campaign by becoming a Ni-Kshay Mitra to provide aid to TB afflicted patients. She has adopted 5 TB patients herself as a Ni-Kshay Mitra. The TB Mukta Bharat campaign was launched by Prime Minister, Narendra Modi in March 2018.

34. **PT Usha** becomes the first woman President of the Indian Olympic Association (IOA).

Note: She is a multiple Asian Games gold medallist and a fourth-place finisher at the 1984 Olympics 400m hurdles final. Usha will also become the first Olympian and first international medallist to head the IOA in its 95-year-old history.

35. BSE Ltd has received an approval from the Securities and Exchange Board of India (SEBI) for **Sundararaman Ramamurthy** as the MD & CEO.

Note: The top position was vacant since July when Ashishkumar Chauhan, who stepped down as the chief executive of BSE. His appointment is subject to the approval of the shareholders. At present, he is the chief operating officer of the India arm of Bank of America Corp, and has previously worked as a senior vice president at NSE.

36. **Prasanth Kumar** has been elected as the President of the Advertising Agencies Association of India (AAAI) for 2022-23.

Note: While, Rana Barua (Group CEO of Havas Group India) has been elected as the Vice-President of the Association. Immediate Past President, Anupriya Acharya has been appointed as the ex-officio member of the AAAI Board for 2022-23. AAAI is a national advertising agencies, which was formed in 1945.

Important News – India

1. PM Modi laid the foundation stone of various development projects worth more than Rs. 3400 crore for the state at a program organized in **Mana Village** of Uttarakhand.

2. HARIT Aaykar initiative was launched by the Income Tax Department has launched on the occasion of National Unity Day, to increase greenery and create micro forests.

Note: HARIT refers to Hariyali Achievement Resolution by Income Tax. Under this initiative, the Department resolves to increase the green cover by planting trees and creating micro-forests in and around IT Department's buildings and other public areas.

3. **3,024** newly constructed EWS flats were inaugurated by PM Modi at Kalkaji in Delhi under Phase I of 'In-Situ Slum Rehabilitation' Project.

Note: He has also handed over keys to eligible beneficiaries at Bhoomiheen Camp, Vigyan Bhawan. These flats have been constructed at a cost of about Rs 345 crore.

4. **Union Ministry of Agriculture and Farmers Welfare** has issued a notification to restrict the use of glyphosate as it is hazardous for humans and animals.

Note: Only authorised Pest Control Operators are allowed to use it. The notification was based on a 2019 report by the Government of Kerala on prohibiting the distribution, sale and use of glyphosate and its derivatives.

5. As per the report, by the India EXIM bank, India has emerged as a leading defence exporter of **African** country's maritime, aerospace and defence requirements with Mauritius, Mozambique and Seychelles.

Note: These countries has become the major buyers of Indian arms during 2017-2021. Report title: 'Reinvigorating India's Economic Engagements with Southern Africa'

6. President Murmu has launched the Atal Setu viaduct that connects two states **WB and Sikkim** on National Highway 10.

Note: President, Droupadi Murmu who is on her two day of Sikkim, will inaugurate and lay the foundation for various central and state government projects in the virtual mode from Gangtok. Two-lane Chisopani traffic tunnel, which include approach roads in East Sikkim. Ganju Lama Girls Hostel, Ravangla in South Sikkim under Pradhan Mantri Jan Vikas Karyakram.

7. **7** states/UTs have attained the Level -2 grading in 2020-21 that was released by the Ministry of Education in its Performance Grading Index (PGI) for States and UT for 2020-21.

Note: Aim: To promote evidence-based policy-making and highlight course correction for quality education. Total of seven States/UTs have attained Level -2 grading in 2020-21: Kerala, Punjab, Chandigarh, Maharashtra, Gujarat, Rajasthan, and Andhra Pradesh. Gujarat, Rajasthan, and Andhra Pradesh are the new entrants with the highest achieved level.

8. **Aibawk cluster** in the Aizwal district of Mizoram has become the first cluster to be completed under the Shyama Prasad Mukherji Rurban Mission (SPMRM).

Note: SPMRM was launched by the Prime Minister in February 2016. Aim of scheme: To provide amenities to rural areas which are perceived to be urban and have the potential to stimulate local economic development.

9. UP government aims to make one of India's largest pilgrimage centres, Mathura-Vrindavan a "net zero carbon emission" tourist destination by **2041**.

Note: This means that tourist vehicles will be banned from the entire Braj region, which includes famous pilgrim centres such as Vrindavan and Krishna Janmabhoomi. Instead, only electric vehicles used as public transport will be allowed into the area.

10. **Madhya Pradesh** state government has launched the flagship scheme 'Ladli Laxmi 2.0' with an aim to encourage girls to pursue higher education and make them independent.

Note: They will also provide monetary benefits to eligible girl children to ensure quality education. The scheme had also ensure that the parents must not marry their girl child before the age of 18.

11. Ministry of Finance (Department of Economic Affairs) has notified India Infrastructure Project Development Fund Scheme (IIPDF Scheme) for Financial Support for Project Development Expenses of PPP Projects.

Note: Aim: To improve the quality and pace of infrastructure development in the country. Public Private Partnerships (PPPs) are being encouraged to bring private capital and efficiency in execution and operation of infrastructure projects. Budgetary outlay: Rs. 100 Crore

12. Mizoram Football Foundation has tied up with Reliance Foundation to promote football at the grassroots level in the state.

Note: RFYC academy will provide training support the young footballers. As a part of this partnership, Naupang (Children) League will be introduced in Mizoram. Aim of League: To develop local ecosystems and enable aspiring and talented footballers as young as 5-year-olds (both boys and girls).

13. Garuda Aerospace has signed an MoU with the Indian Institute of Science (IISc) for collaborative research operations and services using unmanned aerial vehicles (UAVs).

Note: The Department of Aerospace Engineering (DoAE) at IISC will provide support them for future operations. It will provide developments of digital input processing packaging tools, including yield estimation from a given image, diagnoses of crops, and mapping of fields.

14. As per the data, Vortexa (Energy Cargo Tracker), **Russia** country has surpassed Saudi Arabia and Iraq, to become the top oil supplier of India in October 2022.

Note: Russia, which imported 0.2% of all oil by India in March 2022, has supplied 9,35,556 barrels per day of crude oil to India in October (highest ever). It now makes up for 22% of India's total crude imports, ahead of Iraq (20.5%) and Saudi Arabia (16%). In June 2022, Iraq was top oil supplier, while Russia was at second.

15. According to the vision document of EPFO, **Delhi** has topped the chart in terms of EPFO coverage.

Note: Maharashtra has topped the chart in terms of absolute number of working age population. Delhi has topped the chart with 61.5% and Goa with 51.4% of their working population. Haryana is place at the third with 35.3% of its working population under EPFO, followed by Karnataka (29.6%) and Uttarakhand (26.7%). The EPFO coverage is the lowest in Tripura, Assam, and Meghalaya.

16. Vadodara city has become the second Indian city to issue a municipal bond with assistance from the US Treasury Department's Office of Technical Assistance.

Note: Aim: To provide funds for infrastructure projects in Vadodara. The officials from US Embassy and US Treasury joined counterparts from Ministry of Housing, city of Vadodara, and SEBI. Pune was the first city to issue municipal bond in 2017. The bond was oversubscribed by 10 times and was priced at a low yield of just 7.15%

17. Dr. Mohamed Irfaan Ali (President of Guyana) will be the chief guest at the 17th Pravasi Bharatiya Divas Convention, organised in Indore, Madhya Pradesh from 8th -10th January 2023 .

Note: While, Australian MP, Zaneta Mascarenhas will be the guest of honour at the Youth Pravasi Bharatiya Divas, that will be held on 8th January 2022. Theme: Diaspora: Reliable Partners for India's Progress in Amrit Kaal. Pravasi Bharatiya Divas is celebrated once in every two years.

18. Agriculture Minister **Narendra Singh Tomar** has launched a portal on National Mission on Natural Farming (NMNF) for the benefit of the farming community.

Note: The NMNF portal (<http://naturalfarming.dac.gov.in>) is developed by the agriculture ministry. It was launched in the first steering committee meeting of the National Natural Farming Mission. The portal provides all the information about mission, implementation outline, implementation progress, farmer registration, etc.

19. The Ministry of Education has constituted a committee for strengthening the assessment and accreditation of Higher Educational Institutions, **Dr. K. Radhakrishnan** will be the head of this committee.

Note: Aim: To prepare a road map for the National Accreditation Council envisioned in the National Education Policy, 2020. The committee will be headed by Dr. K. Radhakrishnan, who is a Chairperson of Board of Governors, IIT Kanpur, and Chairperson of Standing Committee of IIT Council.

20. The ministry of health and family welfare will constitute 7 members committee headed by **AK Pradhan** to prepare the national drugs database.

Note: Aim: To recommend and prepare a comprehensive database of drug formulations manufactured and marketed in the country. The committee will also provide detailed information on a drug, its dosage form, strength, and details of the manufacturer, marketer, or importer of the drug.

21. The name of new AI/ML based chatbot that was launched by UIDAI for better experience of users -- **Aadhaar Mitra**.

Note: It will provide information like check Aadhaar enrollment/update status, tracking of Aadhaar PVC

- card status, and information on enrollment centre location. Residents can also register their grievances and track them using the bot. Recently, UIDAI has topped for resolving public grievances rankings for October 2022, published by DARPG
- 22.** The theme of G20 summit 2023 under the chairmanship of India -- '**Vasudhaiva Kutumbakam**' or '**One Earth One Family One Future**'.
- Note:** PM Modi has unveiled the logo, theme and website of India's G20 presidency in New Delhi on November 8, 2022. Logo takes inspiration from India's national flag – saffron, white and green, and blue. It juxtaposes planet Earth with the lotus (National flower), that reflects growth amid challenges. Below the G20 logo, word 'Bharat' is written in the Devanagari script.
- 23.** Social networking platform for farmers **Krishify** has integrated with the Platform of Platforms (PoPs) portal by e-NAM, National Agricultural Market.
- Note:** e-NAM is a pan-India electronic trading portal that seeks to network existing Agricultural Produce Market Committees (APMC). Aim: To create a unified national market for agrarian commodities for farmers, traders, and other intermediaries.
- 24.** Minister of Jal Shakti **Gajendra Singh Shekhawat** has released the Dynamic Ground Water Resource Assessment Report 2022.
- Note:** As per the report, the total annual ground water recharge for India is 437.60 billion cubic meters (BCM). The annual ground water extraction is 239.16 BCM. Over-exploited Units: Out of 7089 assessment units, 1006 units have been categorized as Over-exploited. The report also shown improvement in ground water conditions in 909 assessment units.
- 25.** The 'Transport4All Challenge Stage-2' was launched by **Hardeep Singh Puri (MOHUA)**.
- Note:** Under this, startups will be engaged to develop solutions to transport problems in 46 cities. Aim: To enhance mobility experience, focuses on digital innovation and invites cities, citizens and innovators to develop contextual solutions to improve formal as well as informal public transport. The minister has also launched the 'Citizen Perception Survey' under the Ease of Living Index-2022.
- 26.** The Ministry of Home Affairs (MHA) has successfully completed a mother tongue survey with field videography of **576** languages and dialects across the country.
- Note:** According to the annual report of the Home Ministry for 2021-22, it has been planned to set up a web archive at NIC to preserve and analyse the original flavour of each indigenous mother tongue.
- The Linguistic Survey of India is a regular research activity in the country since the 6th Five Year Plan.
- 27.** PM Narendra Modi, unveiled the statue of Nadaprabhu Kempegowda installed at **Kempegowda International Airport (Bengaluru)**.
- Note:** Called the Statue of Prosperity, is 108 feet tall and weighs 220 tonnes and has a sword with a weight of 4 tonnes. The structure has been termed the "first and tallest bronze statue of a founder of a city" by the World Book of Records. He was a 16th-century chieftain under the erstwhile Vijayanagara Empire.
- 28.** Union power minister **RK Singh** launched the Green Energy Open Access portal to increase the purchase of renewable energy in the country.
- Note:** The portal will allow renewable energy (RE) open access to any consumer with a connected load of 100 kW or above. The move is aimed at allowing even small consumers to get access to renewable energy, which is why the government decided to reduce the eligibility from 1MW of sanctioned load to 100 kW or above, in June this year.
- 29.** The FSSAI awarded which **Bhopal Railway Station** as a 4-star 'Eat Right Station' certification for providing "high-quality, nutritious food to passengers".
- Note:** Railway stations are awarded the certificate after an FSSAI-empaneled third-party audit agency rates them on a scale of 1 to 5. The certification is part of the 'Eat Right India' movement- a large-scale effort by FSSAI. Chandigarh Railway station was the fifth to receive a 5-star 'Eat Right Station' certification in Sep 2021.
- 30.** **Cochin Shipyard Ltd (CSL)** has collaborated with the IIT Madras to support startups in the maritime sector.
- Note:** Aim: To develop products or services with financial support from the shipyard. This is part of the startup engagement programme, 'USHUS' launched by the CSL to support the Centre's initiative in supporting maritime startups. IIT-Madras will act as an implementation partner.
- 31.** Rapid transit system **DMRC** has signed an MoU with Bharat Electronics Limited (BEL) for the development of an indigenous Communication Based Train Control system (i-CBTC).
- Note:** This development comes under the 'Make in India' initiative of the Government of India under the aegis of Ministry of Housing & Urban Affairs (MoHUA). CBTC is being adopted by many countries for its feature of moving block which allows high frequency of trains.
- 32.** In November 2022, **Cambodia** has organised the 17th East Asia Summit and ASEAN-India Commemorative Summit.

Note: VP Jagdeep Dhankhar has attended the ASEAN-India Commemorative Summit and the 17th East Asia Summit in Cambodia. He will also have bilateral meetings with Cambodian Prime Minister, Hun Sen and other dignitaries at Phnom Penh. External Affairs Minister, Dr. S. Jaishankar will also participate in the summit. This year marks the 30th anniversary of ASEAN-India relations and is being celebrated as the ASEAN-India Friendship Year

- 33. PM Gati Shakti Multimodal Waterways Summit 2022**, held at Varanasi, was launched by **Sarbananda Sonowal (Union Shipping and Waterways Minister)**.

Note: The event, being organised by the Indian Waterways Authority of India (IWAI) under the aegis of the Union ministry of ports, shipping and waterways. Aims: to generate greater public awareness about the 'PM Gati Shakti National Masterplan' with focus on infrastructure development in the waterways.

- 34. 9th edition of Ministerial meeting of the India-US Economic and Financial Partnership** was held in New Delhi.

Note: The Indian delegation was led by Smt. Nirmala Sitharaman and the USA delegation was led by Dr. Janet Yellen, Treasury Secretary. The 9th India-US EFP meeting covered the discussion on various economic issues including global macroeconomic outlook, climate finance, combating terrorism financing, India's upcoming G20 presidency, and MDB's reforms.

- 35. Cochin Shipyard Ltd** and IWAI have signed an agreement to build India's first hydrogen fuel cell catamaran vessel for Varanasi (UP).

Note: It has also signed MoU for the construction of six electric catamaran vessels for Uttar Pradesh and two for Guwahati. The hydrogen fuel cell catamaran vessel will have a seating capacity for 100 passengers. The electric hybrid vessels, designed for short-distance commute in riverine waters, will have seating capacity for 50 passengers.

- 36. Reliance Industries Ltd** has been awarded the project to build India's first multimodal logistics park (MMLP) in Chennai, Tamil Nadu.

Note: Ministry of Road Transport and Highways has announced that MMLP will be spread over 184 acres and cost Rs 1,424 crore. The project will get adequate connecting infrastructure support through a special purpose vehicle (SPV) formed between central and state agencies. The first phase of this project will be completed in two years.

- 37. PV Sindhu** has launched the mascots named Toofan and Toofani, for Fit India Movement's Fit India School Week initiative 2022.

Note: The 4th edition of Fit India School Week will start on 15 November 2022. Aim: To celebrate the fitness and sports in various forms and reaffirm its

importance amongst the school fraternity. Fit India Movement was launched by Prime Minister, Narendra Modi in 2019.

- 38. DigiLocker** has successfully integrated with Ayushman Bharat Digital Mission, so that users can digitally store their health records and link them with their Ayushman Bharat health account.

Note: Aim: Digital Empowerment of citizens by providing access to authentic digital documents. The issued documents in the DigiLocker system are deemed to be at par with the original physical documents.

- 39. The 3rd Ministerial 'No Money for Terror'** Conference will be organised by Ministry of Home Affairs on 18th and 19th of November in New Delhi.

Note: Focus: To advance the international community's talks on countering terrorist financing held in Paris (2018) and Melbourne (2019). In October 2022, India has hosted two international events - The annual General Assembly of Interpol (Delhi) and a special session of the UN Counter-Terrorism Committee (Mumbai and Delhi).

- 40. 17th edition of G20 Summit** was attended by PM Modi during his visit to Indonesia on November 14.

Note: Summit theme: "Recover Together, Recover Stronger". Three working sessions will be held as part of the G20 Summit Agenda. These are food and energy security, health, and digital transformation. At the closing session, the Indonesian President will symbolically hand over the G20 Presidency to PM Modi. India will formally assume G20 Presidency from December, 2022.

- 41. Jaipur International Airport Limited** has received the Aerodrome licence from the Directorate General of Civil Aviation (DGCA).

Note: Earlier, the Airport Authority of India (AAI) was the licence holder. Now the private player, which is operating the Jaipur airport since October 2021, has become the new licence holder. The licence is given to an airport operator for ensuring complete management of the airport in accordance with the concession agreement.

- 42. The Department of Economic Affairs (DEA), Ministry of Housing & Urban Affairs (MoHUA), and World Bank Group** are jointly organising "Cities Creditworthiness Academy" workshop.

Note: Aim: To create an enabling ecosystem for financing future cities of India. Theme: Vision of Future Cities and Role of Municipal Financing. The workshop was inaugurated by Ajay Seth (Secretary, DEA, MoF); Manoj Joshi (Secretary, MoHUA) and Country Director, World Bank (WB), India.

- 43. India** has become the second largest producer of steel at global scale.

Note: The per capita steel consumption grew from 57.8 kilogram to 78 kilogram, with a registered growth of 50% in the last 8 years. In case of

installed capacity of steel, the country has moved from 100 million tonnes a year to almost 150 million tonnes. China is the biggest steel producing country, which accounted for 57% of world steel production

44. Prime Minister, Narendra Modi has inaugurated Donyi Polo Airport, which is located in **Itanagar, Arunachal Pradesh**.

Note: He has also dedicated 600 MW Kameng Hydro Power Station to the nation. Donyi Polo Airport will be the fourth operational airport for Arunachal Pradesh, taking total airport count in the North-East region to 16. Airport name reflects the traditions and rich cultural heritage of Arunachal Pradesh and its age-old indigenous reverence for the Sun (Donyi) and the Moon (Polo).

45. Prime Minister, Narendra Modi has inaugurated month-long 'Kashi Tamil Sangamam' being organized in **Varanasi, Uttar Pradesh**.

Note: Objective: to celebrate, reaffirm and rediscover the age-old links between Tamil Nadu and Kashi. It will bring together academic exchanges, seminars, discussions, etc. between experts and scholars. During the event, PM has also released a book 'Tirukkural' along with its translation into 13 languages.

46. India ranked at **61st** in the Network Readiness Index 2022 (NRI 2022) report.

Note: NRI 2022 Report maps the network-based readiness landscape of 131 economies based on their performances in 4 pillars: Technology, People, Governance, and Impact covering a total of 58 variables. The report is prepared by Portulans Institute. Top performers: United States, followed by Singapore and Sweden.

47. **Anamalai Tiger Reserve (ATR)** has launched 'jumbo trails', with the aim to educate visitors to the tiger reserve about elephants, the flora, and fauna of ATR and the aboriginal tribes.

Note: The tourists will be taken from Sethumadai to Kozhikamuthi elephant camp. The programme is organised by the Advanced Wildlife Management Training Centre (Attakatti) and implemented by Keelpoonachi Eco Development Committee. The income from the initiative will be used to help tribal people

48. A training module for Child Welfare Committees (CWC) has been launched by **National Commission for Protection of Child Rights (NCPCR)**.

Note: Aim: To enhance knowledge and skills improvement of its members to deliver effective and timely service for protection and rehabilitation of children. The module is a 15-day programme for training CWCs. NCPCR has also launched the 'GHAR -GO Home and Re-Unite' portal for Restoration and Repatriation of Child.

49. With **Finland**, India has agreed to enhance partnership in areas such as digital partnership in Future ICT, Future Mobile Technologies and digital education.

Note: Both countries also emphasised on having institutionalised joint working groups on areas of mutual interest. The decision was taken during a meeting between Finland's Minister of Education and Culture, Petri Honkonen and Minister of Science and Technology, Jitendra Singh in New Delhi.

50. Museum Kolding has signed an MoU with the National Museum in New Delhi, to open the joint exhibition "Silver treasures from Denmark and India" at the beginning of March 2023. Museum Kolding belongs to **Denmark**.

Note: The exhibition will showcase the finest of the silver collection from the Museum Kolding and the National Museum in New Delhi in March 2023. The collaboration is under the agreed cultural exchange program between both countries for the years 2022 to 2026.

51. Along with India, **Sweden** has jointly hosted the LeadIT Summit 2022, on the sidelines of COP27 at Sharm El Sheikh in Egypt.

Note: The LeadIT (Leadership for Industry Transition) initiative focuses on low carbon transition of the hard to abate industrial sector. The summit was attended by Bhupender Yadav (Minister of Environment, Forest and Climate Change). The current phase of LeadIT will conclude in 2023 and the next year is the time to reflect on the performance and achievements so far

52. The first virtual Global Skill Summit was co-chaired by Dharmendra Pradhan (Education Minister) and **Piyush Goyal, Union Minister of Commerce and Industry**.

Note: The summit was jointly organised by Ministry of External Affairs (MEA), Ministry of Commerce and Industry (MoCI), Ministry of Education (MoE) and Ministry of Skill Development and Entrepreneurship (MSDE). Aim: To facilitate overseas mobility of the skilled workforce.

53. Secretary Department of Chemicals and Petrochemicals **Arun Baroka** has inaugurated 4th Indian Chemicals Council (ICC) Sustainability Conclave in New Delhi.

Note: Theme: Boardrooms to Community-ESG, Carbon Neutrality, Operational Safety, Greener Solutions. Aim: Promote sustainability in the management of the entire life cycle of chemicals. It was jointly organized by UNEP, International Council of Chemical Associations (ICCA) in cooperation with MoC&F and MoEF&CC.

54. **Nepal** has invited CEC India, Rajiv Kumar as International Observer for the forthcoming elections to House of Representatives and Provincial Assembly.

- Note:** Elections is scheduled in Nepal on 20th November, 2022. It was held for the Federal and Provincial elections to elect 275 members of the Federal Parliament and 550 seats of the seven Provincial Assemblies. C,
- 55. India** has assumed the Chair of the Global Partnership on Artificial Intelligence (GPAI) from France on 21st November 2022.
Note: Rajeev Chandrasekhar (Minister of State for Electronics and Information Technology) has represented the country at the GPAI meeting in Tokyo for the symbolic takeover from France. GPAI is an international initiative to support responsible and human-centric development and the use of AI. India joined the GPAI in 2020 as a founding member.
- 56. G7 nations** has launched a plan named 'Global Shield' at the 27th UN Climate Change Conference on November 14, 2022.
Note: It is a climate fund, and provide funds to disaster-hit countries. It is backed by 170 million euros in funding from Germany and 40 million euros from other donors including Denmark and Ireland. It is coordinated by Germany and the V20 group. The V20 refers to the Vulnerable Twenty Group of Ministers of the Climate Vulnerable Forum.
- 57. Sonowal (Union Minister of Ports, Shipping & Waterways)** has launched the India's first National Centre of Excellence for Green Port & Shipping (NCoEGPS).
Note: The announcement was made by minister at the recently concluded "INMARCO 2022" in Mumbai. Aim: To develop a regulatory framework and alternate technology adoption road map for Green Shipping to foster carbon neutrality and circular economy (CE) in shipping sector in India.
- 58.** According to the seventh edition of RBI statistical publication titled 'Handbook of Statistics on Indian States 2021-22', **Karnataka** has topped the total installed capacity of grid-interactive renewable power of all the states of the country.
Note: The state had a total installed capacity of 15,463 megawatts (mw). TN (15,225 mw) placed second, followed by Gujarat (13,153 mw), Maharashtra (10,267 mw).
- 59. 10th** edition of the Indian Film Festival in Busan was held from Nov 18-20, 2022 in South Korea.
Note: It was organized by the Swami Vivekananda Cultural Centre, Embassy of India Seoul and supported by the Directorate of Film Festival, Ministry of I&B. This Film Festival is a part of the ongoing annual flagship cultural programme of Embassy of India (Seoul) 'SARANG- The Festival of India in Republic of Korea'. The first was screened on this platform was Padmavat (Hindi movie).
- 60.** The Ministry of Ayush has established the Ayurveda Academic Chair at Western Sydney University's NICM Health Research Institute for **Three years**.
Note: The Ministry has selected All India Institute of Ayurveda, New Delhi's Associate Professor Dr. Rajagopala S. for the post of Academic Chair in Ayurvedic Science at Western Sydney University. Aim: To strengthen India's collaborations in promoting academic and collaborative research activities in Australia.
- 61.** Department of Civil Engineering (IIT Madras) and **Jawaharlal Nehru Port Authority (JNPA)** have developed a Continuous Marine Water Quality Monitoring Station (CMWQMS) and launched Electric Environmental Monitoring Vehicle (EV).
Note: The monitor station and vehicle were inaugurated by Chairman of JNPA, Sanjay Sethi. Aim: To assist in managing the marine water and air quality in the port area. With this, JNPA will be able to reduce the greenhouse gas footprint of vehicles.
- 62.** The Department for Promotion of Industry and Internal Trade (DPIIT) has launched startup applications for registration on the MAARG portal. The full form of MAARG is **Mentorship, Advisory, Assistance, Resilience and Growth**.
Note: Purpose: To provide further boost the startup ecosystem by catalysing the startup culture and building a strong and inclusive ecosystem for innovation and entrepreneurship in India. The MAARG is National Mentorship Platform by Startup India.
- 63.** As per the NSO 16th Periodic Labour Force Survey, **7.2%** is the unemployment rate of India for people aged 15 years and above in urban areas in the fiscal second quarter (July - Sep 2022).
Note: Indication: Sustained economic recovery following the coronavirus pandemic. The survey also showed that the unemployment rate among females (aged 15 years and above) in urban areas slowed to 9.4% and among males in urban areas eased to 6.6% (July-September).
- 64. Udaipur** is ready to host the first G20 Sherpa Meeting in India from 4 to 7 December 2022.
Note: Aim: To foster growth and build bonds amongst the twenty nations. The G20 Sherpa meeting is expected to be held at the Darbar Hall at the City Palace Udaipur. The Sherpa Meeting of the G20 Summit is a preliminary meeting of the government representatives before the main G20 Summit.
- 65.** Nitin Gadkari (Minister for Road Transport and Highways) has approved the 4-Laning of Bhiwani-Hansi road section of **NH-148B** under Bharatmala Pariyojana in Bhiwani and Hisar districts on HAM in the state of Haryana with a budget of Rs.1322.13 Crore.

Note: The project would provide fast movement & good inter-district connectivity in Haryana. It would also improve the overall efficiency of the long route traffic and freight movement that would ensure smooth traffic flow.

66. The Indian Railways has planned to introduce 'tilting trains' by 2026.

Note: Aim: To maintain higher speed on curvy stretches. According to the officials, 100 new units of the semi-high speed Vande Bharat trains are being manufactured using this technology. Tilting trains: Mechanism enables higher speed on regular broad-gauge tracks, which tilt while undergoing a curve on the track. Such locomotives operate in the UK, Italy, Portugal, Slovenia, Finland, Russia.

67. As per the Ministry of External Affairs, India has invited Abdel Fattah Al Sisi as the chief guest on 2023 Republic Day. He is a president of **Egypt**,

Note: It would be the first time that an Egyptian president would be the chief guest at the Republic Day celebrations. This year, both countries are celebrating the 75th anniversary of the establishment of diplomatic relations.

68. The Clean-a-thon 2022 has been organized at **Miramar Beach**.

Note: The event is a collaborative effort by Government of Goa, IFFI, Divyaj Foundation and Bhamla Foundation. Union Minister for Information and Broadcasting Anurag Singh Thakur and Goa CM, Pramod Sawant will be flagging off the clean up drive. Aim: To make the entire coastline of Goa pristine again.

69. The Food Safety and Standard Authority of India (FSSAI) has approved **Himalayan Yak** as a 'food animal'.

Note: Reason: To help check decline in the population of the high-altitude bovine animal. Food Animals are those that are raised and used for food production or consumption by humans. The decision comes after the latest census (2019), showed that India has 58,000 yaks.

70. R.K. Singh (Minister of Power) has inaugurated REC's CSR initiative for procurement, operation and maintenance of ten Mobile Health Clinics (MHC) in **Bhojpur, Bihar**.

Note: Total cost of project: Rs. 12.68 crore. Out of 10 MHCs, three are exclusively for women, that will provide door-step primary health care service to the underprivileged population across all 14 blocks of Bhojpur, Bihar. Each MHC will organize over 20 camps per month and check 50-70 patients every day.

71. **Ministry of Power** has launched a scheme for procurement of aggregate power of 4500 MW for five years under SHAKTI Policy.

Note: Aim: To help states that are facing power shortage and help generation plants to increase

their capacities. PFC Consulting Limited has been designated as the nodal agency. Under the scheme, PFC Consulting Ltd has invited bids for the supply of 4,500 MW. Supply of electricity will commence from April 2023.

72. KVIC Chairman, Manoj Kumar has inaugurated the ambitious Re-Hab Project (Reducing Human Attacks using Honey Bees) by Khadi and Village Industries Commission in **At village Chausla, District Nainital, Uttarakhand**.

Note: He has also distributed 330 Bee-boxes, bee-colonies and toolkits along with the honey extractors to the rural beneficiaries in Chausla village, free of cost. As a new initiative, the Re-Hab project will be run by KVIC at selected locations for a period of one year.

73. Nai Chetna' campaign was launched by **Ministry of Rural Development**.

Note: It involves sensitizing women, especially in rural areas. Aim: To enable women to acknowledge, prepare, and take support in situations of comprise. This campaign was launched on the International Day for the Elimination of Violence against women on 25th November 2022.

74. **Niti Aayog** has launched the report title, 'carbon capture utilisation and storage (CCUS) policy framework and its Deployment Mechanism in India'.

Note: The report explores the importance of CCUS as an emission reduction strategy, to achieve the deep decarbonization from the hard-to-abate sectors. The report was launched by Vice Chairman of Niti Aayog, Suman Bery.

75. **Delhi University** has launched a Financial Support Scheme (FSS) for those students who come from an economically weaker background and have enrolled in full-time undergraduate and postgraduate courses at the university.

Note: Category 1: Students whose family annual income is less than Rs 4 lakh will get up to 100% of fee relaxation. Category 2: Candidates whose family income is between Rs 4 and 8 lakh will get a fee waiver of 50%

76. **Bihar** state government has launched the Har Ghar Gangajal project.

Note: This project was launched in Rajgir with an aim to provide Ganga water on tap in the parched areas of the state. The scheme will help to harvest the excess water of the Ganga during the monsoon season. The water will be stored in reservoirs in Rajgir and Gaya before being channelled to three treatment-and-purification plants. This scheme is part of the Jal, Jeevan, Hariyali scheme of Bihar govt.

77. India and **European Union** have signed a pact for cooperation in high-performance computing in areas of bio-molecular medicines, Covid

therapeutics, mitigating climate change and predicting natural disasters.

Note: The agreement was signed by Alkesh Kumar Sharma (MeitY secretary) and Roberto Viola (DG, Directorate General of Communication, Networks, Content and Technology). It allows the two sides to explore the frontiers of quantum technologies jointly.

78. Vistara airlines has agreed to merge with Tata-owned Air India by March 2024, subject to regulatory approvals.

Note: Singapore Airlines will invest 250 million Dollars (Rs 2,000 crore) into Air India, as soon as this integration is completed. After the merger, Singapore Airlines shall hold 25.1 per cent shareholding in Air India.

79. ICAI has hosted the 21st World Congress of Accountants 2022 from November 18-21, 2022 in **Mumbai, Maharashtra.**

Note: The 4-day event was inaugurated by Om Birla (Speaker of Lok Sabha) and attended by the Union Minister of Commerce and Industry, Piyush Goyal. Theme 2022: "Building Trust Enabling Sustainability". WOCA has been organised in every four years since 2002.

80. Fourth edition of the Indo-Pacific Regional Dialogue (IPRD) is being organised in New Delhi, India from 23rd-25th November 2022.

Note: IPRD is an apex level international annual conference of the Indian Navy. The theme of IPRD-2022 is the 'Operationalising the Indo-Pacific Oceans Initiative'. The National Maritime Foundation (NMF) is the Navy's knowledge partner and chief organiser of each edition of the event.

81. Uttar Pradesh CM, Yogi Adityanath has inaugurated the UNESCO-India-Africa Hackathon event at the Gautam Buddha University (GBU) campus in **Greater Noida.**

Note: Aim: To conceptualise innovative technology-based solutions for the daunting problems faced by humanity. The students from 22 countries will engage themselves in coding to find technology-based solutions for issues in education, agriculture, health, energy and drinking water, among others.

82. Finance Minister Nirmala Sitharaman has announced that **Bengaluru** will host a meeting of G20 Finance Ministers and Central Bank Governors in February 2023.

Note: She made announcement at the Vananam Startup Inclusivity Summit in Bengaluru. She has also encouraged the Start ups to utilise this event to showcase their profile to the visiting international guests.

83. India's Public Service Broadcaster, Prasar Bharati is hosting the 59th Asia Pacific Broadcasting Union (ABU) General Assembly 2022.

Note: The conference was started in New Delhi on 25th November and will continue till 30th November 2022. 2022 Theme: Serving the People: Media's Role in Times of Crisis. The event coincides with Azadi Ka Amrit Mahotsav to mark the 75th year of the India's Independence.

84. 7th edition of Global Technology Summit has been organised from 29th Nov - 1st Dec 2022 in New Delhi in a hybrid format.

Note: This summit is India's annual flagship event on Geotechnology and is co-hosted by the Ministry of External Affairs and Carnegie India. 2022 theme: Geopolitics of Technology.

Important News – State

1. CM, Yogi Adityanath (Uttar Pradesh) has inaugurated North India's first hyper-scale data centre Yotta Yotta D1 in Greater Noida.

Note: It was built at the cost of Rs 5,000 crore and spread over an area of 3,00,000 square feet. Hiranandani Group firm Yotta Infrastructure has also signed MoU with Uttar Pradesh to invest Rs 39,000 crore in over the next 5-7 years.

2. Bangalore Metro Rail Corporation Limited (BMRCL) has partnered with **Namma Metro** to launch WhatsApp chatbot-based QR ticketing service.

Note: The chatbot is integrated with Unified Payments Interface (UPI) powered payments on WhatsApp. It will allow 'Namma Metro' commuters to purchase tickets and recharge their travel pass right within WhatsApp.

3. Ranipur tiger reserve of Uttar Pradesh has become the 53rd tiger reserve of India.

Note: The tiger reserve is spread across over 529.36 sq km, of which the core area is 230.32 sq km and buffer area is 299.05 sq km. It is also the fourth tiger reserve in UP. Other three tiger reserves of state: Dudhwa, Pilibhit and Amangarh. Amangarh is a buffer zone of the Jim Corbett National Park and is located in Uttar Pradesh's Bijnor.

4. Arunachal Pradesh would get a fish museum, the first of its kind in the Northeast.

Note: The museum would be a part of the Integrated Aqua Park (IAP), sanctioned by the Union Ministry of Fisheries. The existing Tarin Fish Farm, located at high-altitude Bulla village, would be upgraded as the IAP.

5. Meghalaya has launched the Citizen Engagement and Communication Programme to create awareness about the correct information of schemes to avail benefits to citizen.

- Note:** The govt has launched various welfare programmes and information should be spread for the larger benefit of the public.
6. The Greenfield airport at Hollongi, Itanagar has been renamed as **Donyi Polo Airport**.
Note: This reflect the people's reverence of the Sun (Donyi) and the Moon (Polo), that symbolize the traditions and rich cultural heritage of the state. It is the third airport of state after Pasighat and Tezu airports. The airport was developed by the Airports Authority of India (AAI) at a cost of ₹646 crore.
 7. **Haryana** has launched the "CM dashboard" to access the real-time data of all departments and decisions taken on major schemes.
Note: It will provide live monitoring of every department at the block, district and panchayat levels. This will enable tracking of methodology and analysis of reports, and also help the govt in comparing the old data with new data.
 8. The first edition of the Tokhü Emong Bird Count (TEBC) was organised by **Nagaland** from November 4 to 7, 2022.
Note: Aim: To spread awareness about Nagaland's bird diversity. This event was organised in collaboration with the Wokha Forest Division and the Divisional Management Unit, Nagaland Forest Management Project (NFMP), Wokha, and Bird Count India. It was held during the Tokhü Emong post-harvest festival of the Lotha Nagas.
 9. **Haryana** Forest Department has signed for TOFI program with US Agency for International Development (USAID).
Note: TOFI refers to Trees Outside Forests in India. Aim: To enhance carbon sequestration, support local communities, and strengthen the climate resilience of agriculture. This initiative also bring farmers, companies, and other private institutions together to rapidly expand tree coverage outside of traditional forests in the state.
 10. **Kerala** state govt has launched Technology Transfer Scheme, to reimburse the expense incurred by the startup ventures to procure technology licenses from government research institutions.
Note: Under the project 'Technology Transfer Scheme', implemented through Kerala Startup Mission (KSUM), the government will reimburse upto ₹10 lakh to startups purchasing or sourcing technology. It has invited applications from eligible startups to avail the benefits offered by the scheme.
 11. Name the wildlife sanctuary The sanctuary was notified under Section 26-A of the Wild Life (Protection) Act, 1972 has been declared as the 17th wildlife sanctuary of Tamil Nadu.
Note: It covers reserve forest areas in Krishnagiri and Dharmapuri districts, which is a home to 35 species of mammals, 238 species of birds and many more. This sanctuary will connect Cauvery North Wildlife Sanctuary (TN) with the Cauvery Wildlife Sanctuary (Karnataka).
 12. **Odisha CM Naveen Patnaik** has announced to make its state slum-free by December, 2023.
Note: He has also declared Hinjilich (his constituency) and Digapahandi town in Ganjam district as 'slum free' and dedicated 707 'Biju Adarsh Colonies' in 33 urban areas of the state. He also declared that land rights will be given to 2.5 lakh families by next year. Slum dwellers are being given land rights for their houses in 'Biju Adarsh Colonies', being built across the state.
 13. **Jharkhand** state Cabinet has approved Mukhya Mantri Shiksha Prothsaan Yojana (MMSPY) to promote education and skill development of students and youths.
Note: Other launched scheme: (1) Eklavya Prasikshan Yojana (EPY), (2) Guruji Student Credit Card Yojana (GSCCY) and (3) Labour department's Mukhya Mantri Sarathi Yojana (MMSY). MMSPY: Class 10 pass students will be provided free coaching at state-based institutions. EPY: Job-oriented free coaching. MMSY: Part of State Skill Mission
 14. **7th** edition of the Amur Falcon Festival has celebrated in Tamenglong district, Imphal, Manipur.
Note: Aim: To spread awareness about the protection and conservation of the Amur Falcon. Amur Falcon (*Falco amurensis*) is the world's longest-flying migratory bird. It is generally celebrated in the first or second week of November to strengthen human-nature relationships. The first edition of the Amur Falcon Festival was celebrated in 2015.
 15. **Assam** state government has launched Mission Basundhara 2.0 with an aim to provide land rights to only natives.
Note: It is only for the indigenous people with mandatory three generation clear residency. Govt. will verify the residency claims if gov.t have doubts. The doubtful claims will be reviewed later. The first phase of Mission Basundhara was launched last year. During the event, the Assam CM, Hemant Biswa has also launched e-stamping facilities in the State.
 16. **TechEagle**, drone delivery startup has organised the world's first vaccine delivery for Animal Husbandry in Arunachal Pradesh, India.
Note: This service was carried out by TechEagle in collaboration with the Animal Husbandry department and EY. Aim: To robust Healthcare ecosystem of the animals. The flight took off from Roing to Paglam, which covered aerial distance of 29 km (road distance:120 km) in 20 minutes. It has used its hybrid drone Vertiplane X3 for the maiden flight.

- 17. Tamil Nadu** state Forest Department has introduced, first of its kind initiative in India, an elephant death audit framework.
Note: Reason: Detailed and transparent process for recording and monitoring elephant deaths. The document also help to study the conditions of avoidable and unnatural deaths, while preparing developing preventative strategies. It also specifies a methodical standard process for carrying out an autopsy to ascertain the causes of an elephant's demise.
- 18. Tripura** state government has launched a new portal, 'Amar Sarkar' with an aim to provide bridge between the people and the government.
Note: The portal will help people to register their problems and complaints through village committee officials. A total of 78 departments, including the panchayat department, has been included in the webportal. Earlier, the state government had launched the 'Har Ghar Sushasan' initiative
- 19. 53rd** edition of IFFI (International Film Festival of India) is all set to open to a colorful opening ceremony at Dr. Shyama Prasad Mukherjee Indoor Stadium, Taleigão in Goa.
Note: It will showcase 280 films from 79 countries. The festival will open with Austrian film, Alma and Oskar, directed by Dieter Berner. It will have 25 feature films and 19 non-feature films from India with special section for Asha Parekh.
- 20. Haryana** state govt has introduced an award scheme to promote good governance and reward innovative human resources.
Note: Those officials who have done innovative work in economic, infrastructure and social sector or state flagship programmes can apply for awards under the Haryana Good Governance Award Scheme, 2022 (Haryana Sushasan Puraskaar Yojana, 2022). State level: ₹ 51,000, ₹ 31,000 (2nd) and ₹ 21,000 (3rd). District level: ₹ 31,000, ₹ 21,000, ₹ 11,000
- 21. Odisha** state government has announced "Mukhyamantri Siksha Purashkar Yojna", an award and scholarship programme.
Note: Aim: To encourage healthy competition between different state schools and to recognise excellence in education. The award will be given to 50,000 (students), 1,500 (Principals, school management committees, alumni, Gram Panchayats and district administrations). This programme will cost Rs 100 crore per year.
- 22. Tamil Nadu** state govt has declared the Arittapatti and Meenakshipuram villages near Melur in Madurai district as a biodiversity heritage site under Section 37 of the Biological Diversity Act, 2002.
Note: The site is situated in an area of 193.21 hectare. It is the first Biodiversity Heritage Site (BHS) to be notified in the state. The Arittapatti village is surrounded by a chain of seven barren granite hillocks. The site also features various megalithic structures.
- 23. Odisha** state government has launched AMLAN-'Anemia Mukta Lakhya Abhiyan' programme to ensure complete eradication of anemia problem among women and children.
Note: The programme will be implemented with joint efforts of departments including Health and Family Welfare, School and Mass Education, Women and Child Development, Mission Shakti and ST and SC Development Department. The state has formulated a multi-pronged approach for accelerated reduction of anaemia.
- 24. SIPCOT** Industrial Park has been launched by **Tamil Nadu** state government.
Note: He has also laid the foundation stone for the Phoenix Kothari Footwear Park. SIPCOT (State Industries Promotion Corporation of Tamil Nadu Limited) industrial park in the industrially backward district of Perambalur. The park established on 243.49 acre in Eraiyur on the Chennai-Tiruchy national highway.
- 25. Meghalaya** state government has become the first state in the Northeast to pass first-ever Mental Health and Social Care Policy.
Note: After Kerala and Karnataka, Meghalaya becomes the third state in India to have such a policy. Aim: To promote overall mental health and well-being and facilitate appropriate access and care pathways. This policy will ensure that proper attention is given to mental health, particularly for our youth and adolescents.
- 26. Karnataka** State Council for Science and Technology (KSCST) is developing an app-based networking platform for commercialisation of Intellectual Property Rights. **Patentkart** is the name of app.
Note: It will benefit patent holders and their clients in commercialising their IP. In the past three years, more than 700 patents have been filed by KSCST-assisted IP cells. Patent Facilitation Centre has supported setting up of a Patent Information Centre at KSCST, IISc.

Important News – World

- 1. Switzerland** country has the world's longest passenger train.

Note: The train has 100 coaches, measures 1910 metres and consists of 4,550 seats. The train was

- seen passing through the mountainous landscape in the Swiss Alps.
2. The 41st edition of the Sharjah International Book Fair (SIBF), that organised from November 2 to 13 at the Expo Centre Sharjah, was inaugurated by **Dr Sultan bin Mohammed Al Qasimi (Supreme Council Member and Ruler of Sharjah)**.
Note: Sheikh Sultan bin Ahmed bin Sultan Al Qasimi, Deputy Ruler of Sharjah, was also present at the inauguration of the event, which is organized by the Sharjah Book Authority, under the theme 'Spread the Word.'
 3. African country **Ghana** has assumed the rotating monthly Presidency of the United Nations Security Council _____.
Note: During the month of November 2022, Ghana shall preside over the meetings of the Council (adoptions, debates and consultations) and, under its authority, shall represent the Security Council in its capacity as an organ of the United Nations.
 4. According to **2022 Global Gender Wealth Equity** report, published by WTW, on average women are expected to reach retirement with just 74% of the wealth that are accumulated by men.
Note: Asia Pacific has one of the lower global wealth gaps on average for gender wealth equity. The gender wealth gap is the largest in India at 64%. Only 3% of women in the workforce occupying senior positions.
 5. Ministry of Tourism has participated in World Travel Market (WTM) 2022 that is being organised in **London, UK** from 7-9 November 2022.
Note: Theme 2022: The Future of Travel Starts Now. With this participation, India can showcase the diverse tourism products and services including Medical Value travel, luxury trains and the gamut of tourism products to the international business community. The Indian delegation is being led by Arvind Singh (secretary, tourism ministry).
 6. According to recent data (2022), published by US News and World Report, India has bagged **31st** position in the overall Best Countries ranking.
Note: In the overall Best Countries ranking, Switzerland has topped the chart, followed by Germany, Canada, US and Sweden. India has been ranked as the nation with the cheapest manufacturing cost ahead of China and Vietnam. India is also featured at the 37th spot in the 'Open for Business' category.
 7. Tech giant has launched a platform named 'FloodHub' to provide information about flood.
Note: It will provide information area and time where floods could occur, so that, authorities can assist people with effectively. Google has also expanded its AI flood forecasting services to 18 countries - Latin America, Africa and SE Asia. These flood forecasting services supported by AI were first introduced in India back in 2018.
 8. **IIT-Bombay** has ranked 40th in the Quacquarelli Symonds (QS) Asia University Rankings 2023.
Note: It is followed by IIT Delhi (46). Indian Institute of Science (IISc), Bangalore is placed at the 52nd spot followed by IIT Madras (53), IIT Kharagpur (61), IIT Kanpur (66), and University of Delhi (85). Top 4: China's Peking University; National University of Singapore, Tsinghua University, Beijing, and The University of Hong Kong
 9. Three Indian women entrepreneurs, who have been featured in the Forbes' Asia's Power Businesswomen 2022 list -- **Soma Mondal, Ghazal Alagh, Namita Thapar**.
Note: Steel Authority of India chairperson, Soma Mondal; Mamaearth's co-founder, Ghazal Alagh; and Emcure Pharma executive director, Namita Thapar are the top Indian business leaders in the Asia's power list. Other women: Choi Soo-yeon (CEO of Naver); Anna Nakajima and Mizuki Nakajima (co-founders of Coly).
 10. According to the 'World Population Prospects 2022' report, which was released on World Population Day (11 July), the global population has reached the mark of eight billion on **15th November 2022**.
Note: It was also projected that India will surpass China as the world's most populous country in 2023. The latest projections by UN has also suggested that the global population could grow to around 8.5 billion in 2030 and 9.7 billion in 2050.
 11. **The US** department of Transportation has fined Air India \$1.4 million (around Rs 11.3 crore) for delaying refunds worth \$121.5 million (around Rs 985 crore) to passengers whose flights were cancelled during the Covid-19 pandemic.
Note: Air India is among the six airlines that were probed by the US government. Totally, over \$600 million in refunds were paid and \$7.25 million penalties imposed against six airlines for "extreme delays in providing refunds".
 12. **East Timor** has received an in-principal approval from the Association of Southeast Asian Nations (ASEAN) as the 11th member of the group.
Note: The Timor Leste will also be granted observer status at high-level ASEAN meetings. The country would be the first new member of the regional grouping, since Cambodia was admitted in 1999. ASEAN was founded on August 8, 1967 in Bangkok Thailand. Members: Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand, and Vietnam
 13. India ranked at **Eighth** as per the Climate Change Performance Index 2023 (CCPI).
Note: The Climate Protection Performance is assessed in four categories: Greenhouse Gas

emissions, Renewable Energy, Energy use, and Climate Policy. In Greenhouse Gas Emissions and Energy Use category, India has been rated high, while in Climate Policy and Renewable Energy, nation rated medium. The report placed Denmark in fourth place, followed by Sweden and Chile.

14. A special fund **Loss and damage fund** was created at the UN's COP27 climate summit, with an aim to cover the damages suffered by vulnerable nations battered by the impacts of global warming.

Note: The expected monetary compensation from the L&D fund is estimated to be nearly \$500 billion and rising by \$200 billion annually. The committee will provide recommendations on few subjects at the COP28, which is set to be held in UAE in 2023.

15. India's steel, mining, and Infrastructure Company, Jindal Steel and Power (JSPL) has won the tender to build a 300-megawatt (MW) coal-fired power plant in **Botswana**.

Note: It is the only fossil fuel-based power plant the Southern African country plans to procure in the next 20 years. Under the project, Jindal will finance the plant and recouping its investments from selling electricity to the Botswana Power Corporation (BPC).

16. **India's** proposal to strengthen the protection of Leith's Soft-shelled Turtle has been adopted by the Conference of Parties to CITES in its 19th Meeting at Panama.

Note: Proposal: Transferring Leith's Softshell Turtle from Appendix II to Appendix I of the Convention on International Trade in Endangered Species of wild fauna and flora. Reason: To ensure that legal international trade in the species does not take place for commercial purposes.

17. **India** has won the International Electrotechnical Commission (IEC) Vice Presidency and Strategic Management Board (SMB) Chair for the 2023-25.

Note: India has secured the 90% of votes cast by full members of IEC during its General Meeting in San Francisco, USA. India's Vimal Mahendru will be the IEC Vice President representing India. IEC: International standard-setting body, that publishes international Standards for all electrical, electronic, and related technologies.

18. A UN panel has suggested to put the Great Barrier Reef as a world heritage site that is in danger. This is world heritage site of **Australia**.

Note: Reason: It was significantly impacted by climate change and warming of oceans. Frequent bleaching events are threatening the reef, which include the first during La Nina phenomenon, which typically brings cooler temperatures. Bleaching: When the water warms too much, causing corals to expel the colourful algae living in their tissues and turn white.

19. **Gaslighting** has been selected as the 2022 word of the year by the Merriam-Webster.

Note: Merriam-Webster has defined Gaslighting, "The act or practice of grossly misleading someone especially for one's own advantage". Interest in the term was up by 1,740% over the previous years according to searches of the online dictionary. Other popular words 2022: Oligarch, Omicron, Codify, Queen Consort, Raid

20. As per the US based consulting firm, 'Morning Consult', in November 2022, **PM Modi** remains the world's most popular leader with an approval rating of 77%.

Note: Andrés Manuel López Obrador (Mexico President) stands at second position followed by Anthony Albanese (Australian PM). While, the US President Joe Biden is placed at 9th position followed by Rishi Sunak (UK Prime Minister) among the 22 world leaders. The latest ratings are based on data collected from 16th to 22nd November.

Honor & Awards

1. Name the Malayalam literary, who has been selected for the Kerala government for its first 'Kerala Jyothi' award.

Note: It was instituted by the Kerala govt on the lines of the Padma awards. Aim: To honour individuals who have made priceless contributions to the society. Kerala Prabha: Omcheri N N Pillai and T Madhava Menn

Kerala Sree: Sathyabhama Das Biju, Gopinath Muthukad, Kanayi Kunhiraman, Kochouseph Chittilappilly, M P Parameswaran and Vijayalakshmi.

2. The Ministry of Home Affairs (MHA) has conferred the 'Union Home Minister's Special Operation Medal 2022' to officers for four special operations --63

Note: The special operations was conducted by the security and police forces. 63 officers from Punjab (16), Telangana Police (13), Delhi (19), Jammu and Kashmir (4) and Maharashtra (11) have been named for this award.

3. **A Sethumadhavan** has been selected for 2022 Ezhuthachan Puraskaram.

Note: Reason: For his valuable contribution to Malayalam language and literature. He has also served as the chairman of South Indian Bank, director of State Bank of Travancore and chairman of National Book Trust. Ezhuthachan Puraskaram is the highest literary award of Kerala government.

4. **Tata Steel** has received India's first ResponsibleSteel certification for three facilities in its Jamshedpur steel plant.
Note: Three production facilities: Steel Works, Tubes Division and Cold Rolling Mill (Bara). ResponsibleSteel is the first global multi-stakeholder standard and certification initiative of steel industry. Aim: To address challenges including climate change, diversity, human rights and more.
5. Indian cricketer **Virat Kohli** has been named Men's Player of the Month for October 2022 by the International Cricket Council (ICC).
Note: He was recognized for his outstanding performances in the shortest format of the game. While, Pakistani cricketer, Nida Dar was named the ICC Women's Player of the Month. She has been honoured for her sensational form in their Women's Asia Cup campaign.
6. **National Security Advisor** Ajit Doval is among five distinguished people, who was honoured with the 2022 Uttarakhand Gaurav Samman.
Note: Other awardees: Late CDS General Bipin Rawat, Prasoon Joshi (Chairperson of CBFC), late Girish Chandra Tiwari 'Girda' (lyricist) and late Viren Dangwal (poet).
7. **Dr. Subhash Babu** has received the prestigious 2022 Bailey K. Ashford Medal.
Note: He was also honoured with the 2022 Fellow of the American Society of Tropical Medicine and Hygiene (FASTMH) award. He is also the first Indian to receive such prestigious award. Reason: For his outstanding research and contributions to tropical medicine.
8. Along with Shivnarine Chanderpaul, Charlotte Edwards, **Abdul Qadir** has been inducted into ICC's Hall of Fame in November 2022.
Note: Shivnarine was inducted in 107th ICC's hall of Fame and finished with 20,988 international runs, 41 centuries and 125 half-centuries across formats. Charlotte was inducted in 108th ICC's Hall of Fame, her 5992 runs in women's ODIs are the second most in the game's history. Qadir was the 109th inductee on the list.
9. **National Fisheries Development Board (NFDB)** was awarded India Agribusiness Awards 2022 at the 'AgroWorld 2022' in 'Best Agribusiness Award under Fisheries Sector' category.
Note: NFDB comes under the Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying, GoI. While, Haryana has received the 'India Agribusiness Awards 2022' in the best state category for their contribution in the areas of agriculture.
10. Journalist, Arfa Khanum Sherwani, who has been selected for the prestigious Kuldip Nayar Patrakarita Samman for 2022, is a **The Wire's senior editor**.
Note: The Gandhi Peace Foundation has announced the name of Ajit Anjum (independent journalist and YouTuber). The announcement was made at a press conference held at New Delhi's Press Club of India by the well-known academic and author, Ashish Nandy. Ravish Kumar was the first person who was honoured with this award in 2017, followed by Marathi journalist Nikhil Wagle.
11. **Madhu Kankariya (31st) and Dr Madhav Hada (32nd)** have been awarded the 31st and 32nd Bihari Puraskar, respectively.
Note: It is one of the three literary awards instituted by KK Birla Foundation in 1991. Named after the poet Bihari, the award for Rajasthani authors carries a cash prize of ₹2.5 lakh, a plaque and a citation. Kankariya was awarded the Puraskar for her 2018 novel 'Hum Yahan The' while Hada was awarded for his 2015 literary criticism book 'Pachrang Chola Pahar Sakhi Ri'
12. **Venki Ramakrishnan** has been awarded the prestigious Order of Merit by Britain's King Charles III in recognition of his distinguished service to science.
Note: The 70-year-old UK-based molecular biologist is among six appointments made to the historic order by the late Queen Elizabeth II before her death in and the first to be appointed by Charles. The Order of Merit is an exclusive mark of honour conferred by the British sovereign.
13. **Carlos Saura** will be conferred the Satyajit Ray Lifetime Achievement Award 2022 at the 53rd edition of the International Film Festival of India (IFFI) at Goa.
Note: This announcement was made by L Murugan (MoS, Information and Broadcasting). Carlos was honoured with the Golden Bear for Best Director at Berlin International Film Festival for Deprisa Deprisa in 1981. Spotlight country: France; Opening Film: Alma and Oskar; Closing film: Perfect Number
14. **Sharath Kamal Achanta** has been selected for 2022 Major Dhyana Chand Khel Ratna Award and will be awarded on 30th November by President of India.
Note: Arjuna Awards: This year 25 sportspersons have been selected for this award. Five coaches have been chosen for Dronacharya Award in the regular category and three coaches in lifetime category. Dhyana Chand Award for Lifetime Achievement: Ashwini Akkunji C, Dharamvir Singh, B.C Suresh and Nir Bahadur Gurung.
15. The Infosys Science Foundation (ISF) has conferred the Infosys Prize 2022 in **Six** categories.
Note: The award conferred for their contributions to science and research impacting India.
 - Engineering & CS: Suman Chakraborty
 - Humanities: Sudhir Krishnaswamy
 - Life Sciences: Vidita Vaidya

- Mathematical Sciences: Mahesh Kakde
 - Physical Sciences: Nissim Kanekar
 - Social Sciences: Rohini Pande
16. **Rane Group chairman, L. Ganesh** was conferred with the prestigious Deming award for outstanding contribution in dissemination and promotion (overseas) of total quality management (TQM). **Note:** He is the third Indian and fifth globally to be bestowed with this prestigious award. This award was established in 1951, to pay tribute to W. Edwards Deming, who made a significant contribution to the spread of statistical quality control in Japan, following World War II.
 17. Emmanuel Lenain (Ambassador of France to India) has conferred the Chevalier de la Legion d'Honneur (Knight of the Legion of Honour) to **Sumeet Anand** the President of FICCI. **Note:** Reason: For contributions in the fields of business and industry, and promoting Indo-French education ties. Sumeet Anand is a founder of IndSight Growth Partners, and President of the Indo-French Chamber of Commerce & Industry.
 18. Minister of State for Education has conferred National Swachh Vidyalaya Puraskar 2021-22 in Akashwani Bhawan, Delhi. **Subhash Sarkar** is Minister of State for Education. **Note:** The award has been conferred on 39 schools, including 5 in the national category and 34 in the overall category. Rs 60,000 were given to the national category winners and 20,000 rupees were given to the other category.
 19. **Kathak exponent, Uma Sharma** has received the prestigious 'Sumitra Charat Ram Award' on 17th November, 2022, organised at Kamani Auditorium by Shriram Bharatiya Kala Kendra (SBKK). **Note:** Reason: For her contribution in the field of Indian classical music and dance. The award was presented by former governor of J&K, Karan Singh and Sarod player, Ustad Amjad Ali Khan. She was also honoured with the Padma Shri (1973) and Padma Bhushan (2001). This award was instituted in 2010.
 20. **NTPC QC Team** from Unchahar ABHYUDAYA has won the "GOLD" award in the 47th International Convention on Quality Control Circle (ICQCC-2022). **Note:** The convention was held from 15th-18th November in Jakarta, Indonesia. The theme for ICQCC-2022 was "Built Back Better through Quality Efforts". NTPC QC Team presented on "Frequent Choking of Collecting tanks of AHP-IV".
 21. **India** was conferred the Excellence in Leadership in Family Planning (EXCELL) Awards-2022 at the International Conference on Family Planning held in Pattaya, Thailand. **Note:** Reason: For ensuring access to quality family planning choices based on right information & reliable services. As per the NFHS-5 data, the overall Contraceptive Prevalence Rate has increased substantially from 54% to 67%. Mission Parivar Vikas: To reduce the unmet needs in family planning
 22. The book titled "The Paradise of Food" has been awarded the JCB Prize for Literature 2022, is authored by **Khalid Jawed**. **Note:** It was translated into English from Urdu by Baran Farooqi and published by Juggernaut. The literary work is the fourth translation and the first Urdu work to win the JCB Prize. Award: Rs 25 lakh prize and the trophy (a sculpture titled 'Mirror Melting' by Delhi artist duo Thukral and Tagra).
 23. **14th Dalai Lama** was conferred the Gandhi Mandela Award 2022 at Thekchen Choeling McleodGanj, in Dharamshala. **Note:** The award was presented by Himachal Pradesh governor, Rajendra Vishwanath Arlekar. The Tibetan spiritual leader is the recipient of the 1989 Nobel Peace Prize.
 24. The 2022 Edition of UNESCO-Madanjeet Singh Prize has been given to Franca Ma-ih Sulem Yong, belongs to **Cameroon**. **Note:** She is a President of the NGOs #Afrogiveness and Positive Youths Africa. Reason: For the Promotion of Tolerance and Non-Violence. The Prize is named after its benefactor, former Indian artist, writer and diplomat Madanjeet Singh (1924-2013) who was also a UNESCO Goodwill Ambassador. This award is awarded every two years to individuals.
 25. **Ministry of Youth Affairs and Sports** has announced the 2021 Tenzing Norgay National Adventure Award and awarded on 30th November 2022. **Note:** The National Selection Committee was constituted under the chairpersonship of Secretary (Youth Affairs). Winners: Naina Dhakad (Land Adventure category); Shubham Dhananjay Vanmali (Water Adventure), and Group Captain Kunwar Bhawani Singh Samyal (Life Time Achievement). Award: Statuettes, certificates and Rs. 15 lakh each
 26. The Federation of Indian Chambers of Commerce & Industry (FICCI) has honoured **Rajendra Singh Pawar**, the Chairman & Founder of NIIT with 2022 Lifetime Achievement Award 2022. **Note:** The award ceremony held at the 8th FICCI Higher Education Excellence Awards in New Delhi. Reason: For his contribution and exemplary work in the field of education as well as creating the IT Training industry.
 27. **Ravi Kumar Sagar** has been conferred with the most prestigious Dr. Abdul Kalam Seva Puraskar 2022. **Note:** Reason: For his persistent service to society. Dr. Kalam Seva Purasakar is hosted every year by Vandhe Bharat Foundation and LeadIndia

Foundation. The award is conferred on the birth anniversary of Dr. Kalam for recognizing various people who have been doing extraordinary work for society.

- 28.** Film 'Dear Diary' has won the 53-Hour Challenge for '75 Creative Minds of Tomorrow' in best movie category, at International Film Festival of India (IFFI) in Goa. This movie was created by **Team Purple**.

Note: The competition was launched by Union Information & Broadcasting Minister Anurag Singh Thakur.

- 29.** National Gopal Ratna Awards 2022 has awarded on 26th November. This award is honoured by **Fisheries, Animal Husbandry Ministry**.

Note: Award Categories: Best Dairy Farmer Rearing Indigenous Cattle and buffalo Breeds, Best Artificial Insemination Technician and Best Dairy Cooperative, Milk Producer Company, Dairy Farmer Producer Organization. Award: Rs 5 lakh (1st), Rs 3 lakh (2nd) and Rs 2 lakh (3rd). It is one of the highest National Awards in the field of livestock and dairy sector.

- 30. e-Panchayat Mission Mode Project (eGramSwaraj and AuditOnline)** project of Ministry of Panchayati Raj has won the GOLD AWARD 2022 under the National Awards for e-Governance.

Note: Category: Excellence in Government Process Re-engineering for Digital Transformation. It is a recognition of the excellent and exemplary work done by Team eGovernance and supported by Team NIC-MoPR.

- 31.** The highest Award of Excellence at the Unesco Asia Pacific Awards for Cultural Heritage Conservation 2022 has been awarded to **Chhatrapati Shivaji Maharaj Vastu Sangrahalaya**.

Note: The Stepwells of Golconda in Hyderabad won the Award of Distinction. While Domakonda Fort in Telangana, and Restoration work of 169 years old, Byculla Railway station (Mumbai) received the Award of Merit.

- 32. Avani Lekhara** has been awarded the 2022 Para Sports Person of the Year.

Note: While Shrey Kadyan was recognized as the Special Sportsperson of the Year at the Turf 2022 and India Sports Awards of FICCI. Former Ranji cricketer, Sarkar Talwar has been honoured with the Lifetime Achievement of the Year award. Odisha was recognized as the best state for promoting

sports. The All India Chess Federation won the National Sports Federation of the Year Award.

- 33.** Indian snow leopard experts, Charudutt Mishra and Koustubh Sharma, along with Chyngyz Kochorov (Kyrgyzstan) have received the Madrid-based BBVA Foundation's Worldwide Biodiversity Conservation Award on behalf GSLEP, which is group of how **12** countries.

Note: The Global Snow Leopard Ecosystem Protection Program (GSLEP) is a 12-nation intergovernmental alliance. 12 countries: Afghanistan, Bhutan, China, India, Kazakhstan, Kyrgyzstan, Mongolia, Nepal, Pakistan, Russia, Tajikistan and Uzbekistan

- 34.** Iranian film, **Nargesi** directed by Payam Eskandari has won the ICFT-UNESCO Gandhi Medal at the 53rd edition of IFFI.

Note: This award conferred to a film that best reflects Mahatma Gandhi's ideals of peace, tolerance and non-violence.

- Other awards:
- Indian Film Personality of the Year – Chiranjeevi
- Best Film (Golden Peacock)- I Have Electric Dreams
- Best Actor (Female)- Daniela Marin Navarro (for I Have Electric Dreams)
- Best Actor (Male)- Vahid Mobasheri (for No End)

- 35.** The pavilion of **Ministry of Health and Family Welfare** has won the Outstanding Contribution towards Public Communication and Outreach award at 41st India International Trade Fair (IITF) 2022 at Pragati Maidan, New Delhi.

Note: 2022 theme of the Ministry of Health and Family Welfare: Heal in India, Heal by India. The Health Pavilion has showcased various initiatives, schemes and achievements of the Union Health Ministry. IITF 2022 Theme: Vocal for Local, Local to Global

- 36. V Annamalai aka Imayam (Tamil poet)** has been selected by Rashtrakavi Kuvempu Prathishtana Kuppali for the Kuvempu National award for the year 2022.

Note: Kannada National Poet Kwembu Rashtriya Puraskar Award is presented annually in memory of the late poet Kwembu. The award carries a cash prize of Rs 5 lakh, a silver medal and a citation. A committee headed by BL Shankar, acting president, Rashtrakavi Kuvempu Trust.

1. **Bangladesh** has conferred the prestigious 'Friends of Liberation War' honour on former US Senator Edward M Kennedy posthumously.
Note: Reason: For his contribution to the liberation of Bangladesh. The honour was handed over to his son Edward M Ted Kennedy Junior.
2. Indian batter **Suryakumar Yadav** has become the world's number one batter in T20 Internationals and also become the second Indian player to hold the top T20I batter ranking.
Note: He has overtaken Pakistan opener, Mohammad Rizwan. In T20I, he has scored one century and 11 fifties from 37 appearances for India. Devon Conway (NZ) has ranked third with 792 points.
3. Carnatic vocalist **Aruna Sairam** was honoured with the French government's highest honour- Chevalier de l'Ordre des Arts et des award.
Note: She was selected for her singing prowess and her contribution towards development of the Indo-France relationship. She has started her classical training under her mother, Rajalakshmi Sethuraman. She is a disciple of legendary vocalist, Sangita Kalanidhi T. Brinda
4. **Kerala** state road transport corporation was won the national 'Commentation Award in Urban Transport' in the category of 'City with the best Public Transport System'.
Note: The 'Grama Vandi' was launched by the KSRTC in association with local self-government institutions, has also won Award of Excellence in Urban Transport.
5. **Suryakumar Yadav** becomes the first Indian and second player to score 1,000 T20 International runs in a calendar year.
Note: He has accomplished this feat in final Super 12 stage match against Zimbabwe at Melbourne. Mohammad Rizwan, who scored the 1326 runs in 2021, was the first player to achieve the feat.
6. Indonesian badminton player **Anthony Sinisuka Ginting** has won the Men's Single title of the badminton's HYLO Open 2022, after defeating Chou Tien-chen.
Note: While, Han Yue (Chinese) has defeated Zhang Yi Man (Chinese) to win the women's single title at HYLO Open 2022. Men's doubles: Lu Ching-yao and Yang Po-han (Chinese Taipei). Women's doubles: Benyapa Aimsaard and Nuntakarn Aimsaard (Thailand). Mixed doubles: Rehan Naufal Kusharjanto and Lisa Ayu Kusumawati (Indonesia)
7. **Denmark's** Holger Rune, who has defeated the six-time champion, Novak Djokovic to clinch his first Men's single, 2022 Masters title in Paris.
Note: He has become the youngest winner of the Paris tournament since Boris Becker in 1986. He is the fifth first-time Masters winner this season and will be the first Danish man to break into the top 10. While the Men's double was won by Wesley Koolhof (Netherlands) and Neal Skupski (United Kingdom)
8. The Boxing Federation of India (BFI) has confirmed that **2023** of IBA Women's World Boxing Championships will be hosted by India, in New Delhi.
Note: This will be the third time, when the prestigious women's competition will be held in India. Earlier, the event was organised in 2006 and 2018 in New Delhi. The tournament is likely to be held at Jawaharlal Nehru Stadium. The 2023 men's world championship will be held in Tashkent in May.
9. **Third** edition of Khelo India National University Games (2023-24) will be held in four cities of Uttar Pradesh.
Note: These cities are Lucknow (main host city), Gorakhpur, Varanasi and Noida. Navneet Sehgal (UP's Additional Chief Secretary) announced that around 4,500 athletes will represent 150 universities across the country. The inaugural edition of the Khelo India National University Games was held in Odisha (2020) while Karnataka was the host for the second edition
10. Indian batsman **Virat Kohli** has scripted history as he became the first batter in history to reach 4000 runs in T20 Internationals.
Note: He reached the landmark in the second semi-final of the T20 World Cup 2022 against England in Adelaide, Australia. Earlier, he became the all-time leading run-scorer in the men's T20 World Cups against Bangladesh in Adelaide.
11. In cricket, **England** team has won their second T-20 world cup, after defeating Pakistan by five wickets at the Melbourne Cricket ground, Australia on November 13, 2022.
Note: They are now the only side who are the defending ODI and T20 World Cup champions. Sam Curran was named Player of the Match as well as Player of the series. Most runs: Indian batsman Virat Kohli (296). Most wickets: Sri Lanka's Wanindu Hasaranga (15)
12. **2024** edition of Under 19 men's T-20 World Cup will be hosted by Sri Lanka.
Note:
 - Under-19 Men's: The 2026 edition will be staged in Zimbabwe and Namibia.
 - The 2025 Under 19 women's T20 World Cup will be held in Malaysia and Thailand.

- The 2027 Under 19 women's event will be jointly hosted by Bangladesh and Nepal.
13. Indian boxer **Shiva Thapa** defeated by Uzbekistan's Ruslan Abdullayev in the men's 63-kg finals, but secured a silver medal at the 2022 Asian Elite Boxing Championships held in Amman, Jordan.
Note: India finished the Championships with 12 medals, which included four gold, two silver and six bronze. All the gold medals came through women's boxers, Lovlina Borgohain, Saweety Boora, Parveen and Alfiya Pathan.
 14. The World Kabaddi Federation (WKF) has announced that **West Midlands** country will host the 2025 Kabaddi World Cup.
Note: The tournament will take place across the West Midlands during the first quarter of 2025. The UK region will become the first destination outside of Asia to host this prestigious global tournament. The 2025 Kabaddi World Cup will be organized by England Kabaddi, Scottish Kabaddi, and the British Kabaddi League. President of World Kabaddi Federation: Ashok Das.
 15. MC Mary Kom, PV Sindhu, Mirabai Chanu and Gagan Narang were among 10 eminent sportspersons elected as members of the Indian Olympic Association (IOA) Athletes Commission. The headquarters of IOA is located in **New Delhi**.
Note: Other six members: Shiva Keshavan, Sharath Kamal, Rani Rampal, Bhavani Devi, Bajrang Lal and Om Prakash Singh Karhana. All the 10 elected members of the apex body are Olympians. As per the new constitution of IOA, the athletes commission is to have equal representation of male and female members.
 16. The Indian pistol team of Singhraj, Manish Narwal and Deepender Singh has bagged a silver medal in **P4- Mixed 50m Pistol SH1** event at the 2022 Para Shooting World C'ship 2022, held at Al Ain, UAE.
Note: Indian finished with a total score of 1579-13x. The South Korean team of Sea Kyun Park, Aeekyung Moon and Jungnam Kim, won the gold medal with an aggregate score of 1592-21x. While, the Turkey has secured the bronze medal with a total of 1574-23x.
 17. Arjun Babuta and Mehuli Ghosh clinched the gold medal in **10 m air rifle** category of the mixed team at Asian Airgun Championship 2022, being held in Daegu, South Korea.
Note: In the 10 m air rifle mixed team junior event, Divyansh Singh Panwar and Ramita won gold medal against Sri Karthik Sabari Raj Ravishankar and Nancy. Kanishka Dagar clinched bronze in 10 m air pistol youth women's event. While, Sandeep Bishnoi received gold in the 10 m air pistol junior men's event.
 18. President of the Paris 2024 Organising Committee for the Olympic and Paralympic Games, Tony Estanguet has unveiled the mascots for Paris 2024 Olympic and Paralympic Games. The name of the mascot for Paris 2024 is **The Phryges**.
Note: It is a red Phrygian caps, type of hat that has become an enduring symbol of freedom throughout French history. Motto: Alone we go faster, but together we go further
 19. **Manika Batra** has clinched the bronze medal at the ongoing ITTF-ATTU Asian Cup tournament at Huamark Indoor Stadium in Bangkok, Thailand.
Note: She became the first Indian female paddler to win a medal at the event. She defeated World number six and three-time Asian champion Hina Hayata by 4-2 to clinch the bronze medal.
 20. **Red Bull's driver, Max Verstappen** has clinched title of F1 2022 Abu Dhabi Grand Prix, held at Yas Marina Circuit, Abu Dhabi, UAE.
Note: He has also set new records for the most race wins (15) and most points in a single season (454) in 2022. Charles Leclerc (Ferrari) placed second in the race, followed by Sergio Pérez (Red Bull).
 21. **Novak Djokovic** has secured the men's single ATP Finals (2022) title, after defeating Norway's Casper Ruud.
Note: Djokovic has defeated his opponent by 7-5, 6-3 in summit clash. He has now equalled the record of Swiss legend Roger Federer, who has six ATP title wins. He has won ATP finals in 2008, 2012, 2013, 2014, 2015 and 2022 (Turin, Italy). Doubles: Rajeev Ram (United States) and Joe Salisbury (United Kingdom).
 22. **Army Red Team** team has won the 72nd Inter Services Volleyball Championship 2022-23 title, after defeating the Army Green.
Note: The closing ceremony of the Championship was conducted at Eagles Indoor Volleyball Stadium in Secunderabad. The event provided an opportunity to outstanding sportsmen for getting selected to the Services Volleyball team. The trophy was presented by Telangana and Andhra Sub Area officiating GoC, Brigadier K Somashankar.
 23. **Canada** country has clinched their first 2022 Davis Cup title defeating Australia by 6-3, 6-4 in Malaga, Spain.
Note: In final, Felix Auger-Aliassime (Canada) had defeated Alex de Minaur (Australia). The Davis Cup is the premier international team event in men's tennis and run by the International Tennis

Federation (ITF). Most titles: United States (32 titles)

24. Vishwanath has won the medal after defeating Ronel Suyom (Philippines) in **48kg** category of men's, IBA Youth Men's and Women's World Championships 2022, held in La Nucia, Spain.

Note: Devika (Pune) won gold after defeated England's Lauren Mackie in the women's 52kg. Bhawna Sharma won silver in the women's 48kg category. Ashish (54kg) won silver medal.

25. **Madras Boat Club** has clinched the Adyar trophy 2022 in women's category at the 81st Annual

Madras-Colombo Rowing Regatta at Colombo, Sri Lanka.

Note: While, The Colombo Rowing Club (men) has lifted the Deepam trophy at the event. The first-ever Madras-Colombo Regatta was held in 1898 and is considered to be the second oldest sporting event next only to Oxford - Cambridge Regatta. The two rowing clubs, the Madras Boat Club and the Colombo Rowing Club organise the regatta alternately.

Books and Authors

1. **Rene Naba (French)** is an author of book "De la Nucléarisation de l'Asie"(Nuclearization of Asia).

Note: The book is bilingual book, and will be available in both French and English. The book discusses the nuclear emergency and threat posed by the nexus of Pakistan and China. The book was published by Golias.

2. **Nirmala James** has authored the new book title "E. K. Janaki Ammal: Life and Scientific Contributions".

Note: The book was published by Enview Research and Development. It was released during the event organised on the 125 the birth anniversary of E. K. Janaki Ammal. She was born on 4th November 1897 in Thalassery, Kerala. E. K. Janaki Ammal is the India's first woman botanist.

3. **Subodh** first edition was launched by the National Mineral Development Corporation (NMDC) vigilance department.

Note: Aim: To reinforce the NMDC's commitment to fostering honesty and transparency among all stakeholders. The magazine was released by NMDC CMD, Sumit Deb. It was released in the presence of Director (Finance) Amitava Mukherjee, Director (Production) Dilip Kumar Mohanty.

4. **Simon Sebag Montefiore** is the author of the book titled, 'The World: A Family History'.

Note: The book will be published by Hachette India. This book tells the story of humanity from prehistory to the present day. Through this book,

the author takes the readers on an epic journey through the families that have shaped the world, including the Caesars, Medicis, Incas, Ottomans, Mughals, Bonapartes.

5. The book titled "**The Light We Carry**" is authored by Michelle Obama, was released in November 2022.

Note: This book is a collection of practices and perspectives to deal with challenging times. The book will be published simultaneously in 14 languages and 27 countries around the world. Her memoir, "Becoming" was one of the best-selling books of all time, that was released in 2018.

6. **Gautam Borah** is the author of the book titled, 'Nalanada – Until we meet again'.

Note: It was launched by legendary writer Ruskin Bond. The book is a gripping story of romance, vengeance, and an age-old mystery.

7. Dharmendra Pradhan (Union Education & Skill Development Minister) has released the new book title, 'India: The Mother of Democracy', this book was published by **Indian Council of Historical Research (ICHR)**.

Note: The event was also attended by Prof. Raghuvendra Tanwar, (Chairperson, ICHR) and Prof. Umesh Ashok Kadam (Member Secretary, ICHR). The book is an attempt to showcase the democratic ethos ingrained in India since the dawn of civilisation.

Science sand Defence

1. **China** has successfully launched a second lab module, Mengtian, by using a Long March-5B Y4 rocket.

Note: It was launched from the Wenchang Spacecraft Launch Site on the coast of the southern island province of Hainan. Scientific equipment will be used for studying microgravity and carrying out

experiments in fluid physics, materials science, combustion science, and fundamental physics

2. Royal Australian Navy has sent ships HMAS Adelaide and Anzac for Exercise 'Indo-Pacific Endeavour', that was conducted by Indian Navy at **Visakhapatnam**.

- Note:** Meanwhile, the Indian Navy hold the Commanders Conference in New Delhi which was addressed by Rajnath Singh. IPE 2022 will see engagements with the Maldives, Timor-Leste, Vietnam, the Philippines, Bangladesh, Sri Lanka, Laos, Cambodia, India, Thailand, Malaysia, Singapore, Brunei and Indonesia
3. **DRDO** has conducted a successful maiden flight-test of Phase-II Ballistic Missile Defence interceptor AD-1 missile from APJ Abdul Kalam Island, Odisha.
Note: This flight-test was carried out with the participation of all BMD weapon system elements. AD-1 is a long-range interceptor missile. It is designed for both low exo-atmospheric and endo-atmospheric interception of long-range ballistic missiles as well as aircraft.
 4. The process for registration of Indian army improved new design and camouflage pattern uniform was completed by **Kolkata's** Controller General of Patents, Designs and Trademark.
Note: The Ministry of Defence has announced that the Indian Army has registered 'Intellectual Property Rights (IPR)' of the new design and camouflage pattern uniform. With the IPR, the rights of design and camouflage pattern rests solely with the Indian Army. Unauthorized manufacturer will be liable to face legal repercussions.
 5. **Indian Army** has approved project sanction orders of five Make II projects to provide an impetus to India's vision for self-reliance.
Note: Projects: High-Frequency Man Packed Software Designed Radio, Drone Kill System, Infantry Training Weapon Simulator, 155mm Terminally Guided Munitions and Medium Range Precision Kill System. These are industry-funded projects, that involves design, development and innovative solutions by Indian vendors for development of prototypes.
 6. **11th** edition of the annual Joint Military Training (JMT) between the Indian Air Force (IAF) and the Republic of Singapore Air Force (RSAF) will be held at Air Force Station, Kalaikunda, West Bengal.
Note: The six weeks long military training will be conducted from 09 to 18 November 2022. The RSAF will participate the JMT-2022 with F-16 aircraft. While, the Indian Air Force would showcase Su-30 MKI, Jaguar, MiG-29 and LCA Tejas aircraft.
 7. India's first private rocket, **Vikram-S** is ready to launch between November 12 and 16, from ISRO's launchpad at Sriharikota, Andhra Pradesh.
Note: It is a single-stage sub-orbital launch vehicle, which would carry three customer payloads, and validate the majority of the technologies in the Vikram series of space launch vehicles. The rocket was developed by the Skyroot Aerospace (Hyderabad). This rocket will launch under their maiden mission named 'Prarambh' (the beginning)
 8. ISRO has successfully tested the hot test on **Cryogenic engine** at Mahendragiri in Tamil Nadu.
Note: This engine will power the heaviest rocket of ISRO, the LVM-3 (Previously called as GSLV-Mk3). LVM-III went through the hot test at an uprated thrust level of 21.8 tonnes for the first time. Aim: To test that the engine can support a payload capability of up to 450 kg with additional propellant loading.
 9. India has participated in **26th** edition of International Malabar Naval Exercise, organised in Yokosuka of Japan in November 2022.
Note: The naval exercise also joined by Australia, Japan and the USA. The exercise will continue till the 18th of next month. From India, Indian Naval Ships Shivalik and Kamorta have been demonstrated at the event. The MALABAR exercise was initiated in 1992 between the navies of India and the United States. Later, it was joined by Japan in 2015, Australia in 2020.
 10. **Indian Army** has launched a single window facility named Veerangana Sewa Kendra (VSK) for welfare and grievances redressal of Veer Naris.
Note: The Indian Army has launched this facility with a motto of "Taking Care of Our Own, No Matter What". The project was inaugurated by President Army Wives Welfare Association at the Directorate of Indian Army Veterans premises located at Delhi Cantt. The VSK will be available on www.indianarmyveterans.gov.in.
 11. The 7th edition of the bilateral air exercise between IAF and the French Air and Space Force (FAF), 'Garuda-VII', was concluded at Air Force Station **Jodhpur**.
Note: Exercise Garuda-VII provided the two Air Forces with the opportunity for professional interaction and sharing of operational knowledge and experience. The exercise also provided a platform for cultural exchange between the Air Force personnel of both the countries.
 12. **NASA** has successfully took off the Artemis 1 mission from Launch Pad 39B at Kennedy Space Center in Florida, US.
Note: The project, comprising the Space Launch System (SLS) rocket and Orion spacecraft. It carries a toy called Shaun the Sheep, and two dummies, Helga and Zohar which pack 5,600 radiation sensors. Ten payloads, including Lunar IceCube and Lunar Polar Hydrogen Mapper, are also onboard. The Artemis 1 project will be followed by the Artemis 2 and Artemis 3 missions.
 13. India's first ever private Suborbital rocket **Vikram-S** has been launched from the Satish Dhawan Space Centre, Sriharikota.
Note: This rocket reached an altitude of 89.5 km with three payloads weighing 83 kilogram and safely splashed in the Bay of Bengal at around 115

km after the lift-off from Sriharikota. It is built by Skyroot Aerospace.

14. **18th** edition of India-US joint military training exercise 'Yudh Abhyas 22' has been started in Auli, Uttarakhand.

Note: Focus: High altitude and extremely cold climate warfare. The exercise has been participated by US Army soldiers of 2nd Brigade of the 11th Airborne Division and Indian Army soldiers from the Assam Regiment. This joint military exercise is conducted annually between India and US with the aim of exchanging best practices, Procedures, Tactics, Techniques.

15. **Third** edition of the 'Pan-India' Coastal Defence Exercise 'Sea Vigil-22' has organised from 15th - 16th November 2022.

Note: The exercise held along the entire 7516 km coastline and Exclusive Economic Zone of India. It is also involved all the Coastal States and UTs along with other maritime stakeholders, including the fishing and coastal communities. It is conducted by the Indian Navy, Coast Guard and other ministries entrusted with the task of maritime activities.

16. Annual show, 'Air Fest 2022' showcasing maneuvers of planes & helicopters in the arsenal of Indian Air Force (IAF) is organized in **Vayusena Nagar in Nagpur**.

Note: It is being conducted as a part of the 'Azadi Ka Amrit Mahotsav'. Objective: to showcase various facets of Indian Air Force (IAF) and motivate the youth of Nagpur to choose Indian Air Force for an exciting career.

17. **South Western Command** of the Indian Army has organised Integrated Fire Power Exercise named "SHATRUNASH" at MFFR in Thar desert, Rajasthan.

Note: During the exercise, Indian army has used multi farious firing platforms in an integrated manner involving both ground & aerial manoeuvres. Various actions included ion of troops, offensive ground actions involving comprehensive coordination incorporating contemporary technologies in a multi domain environment.

18. **Eighth** edition of joint military exercise between India and Indonesia, "Garuda Shakti" has been organised in Sangga Buana Training Area, Karawang, Indonesia.

Note: The exercise was commenced on 21 November 2022. Aim: To enhance understanding, cooperation and interoperability between the Special Forces of both armies. It also focus on a high degree of physical fitness, tactical drills, and techniques.

19. India has successfully launched Agni-3 from APJ Abdul Kalam Island, Odisha. It is an **Intermediate Range Ballistic Missile**.

Note: It is a routine user training launch, carried out under the aegis of the Strategic Forces Command.

Agni series missiles: Agni-1 (700km), Agni-2 (2,000km), Agni-3 (3,000 km), Agni-4 (4,000 km) and Agni-5 (longest striking range of 5,000 km). With Agni and BrahMos (tactical cruise missile), India can easily take care of targets between 30 to 5,000 kms.

20. Indian Air Force has conducted the annual Joint Humanitarian Assistance and Disaster Relief (HADR) Exercise 'Samanvay 2022' from 28th-30th November 2022 in **Agra**.

Note: Aim: To assess the efficacy of institutional Disaster Management structures and contingency measures. The exercise will also see participation by representatives from the ASEAN countries. Rajnath Singh will be Chief Guest for the Capability Demonstration events on 29th Nov 2022.

21. **13th** edition of bilateral exercise between the Indian navy and the Royal Oman navy, Naseem Al Bahr-2022 was organised on the coast of Oman.

Note: The exercise was conducted from 19 to 24 Nov 22. The exercise organised in three phases: harbour phase, sea phase and debrief. The Indian Navy's guided missile stealth frigate, INS Trikanth, offshore patrol vessel, INS Sumitra, and Maritime Patrol Aircraft, (MPA) Dornier were participated in the exercise.

22. The bilateral training exercise between Indian and Australian Army, "AUSTRALIA HIND 22" has started at Mahajan Field Firing Ranges in **Rajasthan**.

Note: It is the first exercise in the series of AUSTRALIA HIND with participation of all arms and services contingent. The Australian Army contingent comprised soldiers from the 13th Brigade of the 2nd Division. The Indian Army is represented by troops from the DOGRA Regiment.

23. A joint military exercise between India-Malaysia, Harimau Shakti-2022 has been started in **Pulau Klang in Malaysia** city of Malaysia.

Note: The military exercise will culminate on the 12th December 2022. Aim: To enhance the defence cooperation between Indian Army and the Malaysian Army. The combat troops of the Garhwal Rifles Regiment of the Indian Army and the Royal Malay Regiment of the Malaysian Army participated in the exercise.

24. ISRO has conducted the 200th consecutive successful launch of **RH200** sounding rocket from Thumba Equatorial Rocket Launching Station, Thiruvananthapuram on 24th November 2022.

Note: Sounding Rockets: It is used for the scientific community for carrying out experiments on meteorology, astronomy and similar branches of space physics. RH-200: It is a two-stage rocket capable of climbing to a height of 70 km bearing scientific payloads. The '200' in the name denotes the diameter of the rocket in mm.

25. ISRO's PSLV has successfully injected Earth observation satellite 'Oceansat' into a sun-synchronous orbit, from Satish Dhawan Space Centre on 26th November 2022. **Polar Satellite Launch Vehicle** is the full form of PSLV.

Note: The Earth Observation Satellite or the Oceansat successfully separated from the rocket and was placed into orbit. The Earth Observation Satellite-6 is the third-generation satellite in the Oceansat series. ISRO Headquarters: Bengaluru; Chairman: Sreedhara Somanath

26. Space-tech startup, **AgniKul Cosmos** has set up India's first private launchpad and mission control centre at Satish Dhawan Space Centre, Sriharikota.

Note: The launchpad is designed and operated by AgniKul. It has incubated at the Indian Institute of

Technology-Madras, plans to guide and control its upcoming launches from this facility. In its first launch, a two-stage launch vehicle, 'Agnibaan' is intended to carry a payload of up to 100 kg to around 700 km altitude.

27. **Artemis 1 Orion capsule** space craft of NASA has set a new space flight record for spacecraft designed to carry humans by travelling 401,798 km from Earth.

Note: The previous record was held by Apollo 13 on April 14, 1970 by travelling 400,171 km. Apollo 13 was not designed to travel that far and the spacecraft was only made to complete a moon landing. Since the Orion was not staffed, the Apollo 13 crew still holds the record for the farthest distance from Earth reached by humans.

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