



# MONTHLY CURRENT AFFAIRS OCTOBER 2022

for BANK/SSC/RAILWAY Examination

## SPECIAL ATTRACTION

- PM launches YUVA 2.0 scheme for mentoring young authors
- NASA and SpaceX's historic Crew-5 launch to International Space Station
- INS Tarkash reaches South Africa to participate in 7th edition of IBSAMAR
- ISSF World Championship: Ramita Jindal crowned world champion in 10 meter Air Rifle Women Junior event in Cairo

# OUR ACHIEVERS 2021-2022



**ANIMESH**  
IBPS PO



**ANJALI GRAG**  
IBPS PO



**HIMANSHI**  
RRB PO



**VEENA MANJUNATH**  
RRB PO



**PRAMOD**  
SBI PO



**PREETI**  
SSC GD



**SAYED SHARZIL ALI**  
IBPS CLERK & SO



**SACHIN PAL**  
CDS

Many more...

## FOREWORD

Dear Aspirants,

As we all know, the Civil Services Exam (CSE) is becoming more and more challenging due to the day by day increase in unpredictability. We at PLUTUS Academy developed this magazine keeping in mind the unpredictable nature of the Civil Services Exam. The development of the magazine is in such a chronological order that it gives conceptual clarity to aspirants at first glance. Each and every topic contains relevant sources and articles, an aspirant should first go through the original article and try to get conceptual grasp and make notes from them. After that they should read the topics from magazines. An aspirant should also try to make note of the keywords relevant for mains preparation. In this way an aspirant will move towards the unending ocean of civil services preparation with clarity and confidence.

Our PLUTUS Academy team wishes you All the Best for your career. Do hard work and be consistent in your journey, it will definitely give results. May you all crack the Civil Services Examination with flying colours.

Team  
PLUTUS Academy

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# CURRENTS AFFAIRS

## OCTOBER 2022

### National News

#### In 36th National Games, Services over take Haryana to top table with 24 Golds



- On the 4th day of the 36th National Games, Services overtook Haryana to top the medal table with 24 Golds.
- In Athletics, Gulveer Singh of Services broke the National Games record in men's 10000m clocking 28:54.29 to win gold. In the women's 10000m race, Sanjivani Jadhav of Maharashtra bagged gold with a time of 33:40.51.
- In Shooting, Punjab defeated Uttar Pradesh to win the 10m air pistol mixed team event. Maharashtra and Haryana win two bronze medals in the 10m air pistol mixed team.
- In Badminton, Telangana has won mixed team gold 3-0 against Kerala.
- Services lead the medals tally with 53 medals including 24 Gold, 14 silver, and 15 bronze followed by Haryana with 50 medals including 22 gold, 16 silver, and 12 bronze.
- Uttar Pradesh has won 13 gold, 10 silver, and 8 bronze medals while Tamil Nadu has won 12 gold, 9 silver, and 12 bronze medals.

#### Maha Ashtami celebrations takes place in various parts of the country



- The eighth day of Navratri or Nav Durga festival, Maha Ashtami is being celebrated in various parts of the country with religious fervor today, October 3.
- Traditionally, the festival is observed for 9 days in Hindu households.
- It is mainly celebrated in the states of West Bengal, Assam, Uttar Pradesh, Gujarat, Bihar, Sikkim, Odisha, and some other parts as well.
- On this day, Goddess Durga is worshiped by the devotees in the form of Maha Gauri.
- In Uttar Pradesh, people perform Kanya Puja by organising feast for young girls, who are considered as a form of Goddess Durga.
- In Eastern and North Eastern states the Durga Puja, as it is called, begins from the Seventh day of Navratri, and is celebrated for 5 days till Vijay Dashmi.
- Pandals are put up with Durga Idols on different themes, visited by people. People also play Garba and Dandiya during Navratri.
- PM Modi has greeted people on the auspicious occasion of Maha Ashtami of Navratri. In a tweet, Mr. Modi said, May Maa Mahagauri bring prosperity and success in everyone's life.

### Indigenously-developed Light Combat Helicopter, "Prachanda", inducted into Indian Air Force at Jodhpur in Rajasthan



- **Defense** Minister Rajnath Singh formally inducted the indigenously-developed Light Combat Helicopters (LCH) in the Indian Air Force at a ceremony held at Air Force Station, Jodhpur in Rajasthan.
- LCH would be inducted into the 143 Helicopter Unit. LCH has been named as 'Prachanda'.
- Addressing the ceremony, Mr. Singh said induction of LCH not only adds to the combat capability of the Air Force but is also a great leap towards the goal of Atmanirbhar Bharat.
- He added that the need for a combat helicopter was seriously felt during the Kargil War and LCH is a culmination of two decades of effort to address this need.
- LCH has been developed by Hindustan Aeronautics Ltd (HAL). It is a state-of-the-art modern combat helicopter, primarily designed for deployment in high-altitude regions.
- LCH is the only attack helicopter in the world which can land and take-off at an altitude of 5,000 m with a considerable load of weapons and fuel.

## **Housing & Urban Affairs Minister Hardeep Puri addresses event on World Habitat Day in New Delhi**



- Housing and Urban Affairs Minister Hardeep Puri today, October 3, said that the need to focus on habitat is greater than ever before.
- Addressing an event on the occasion of World Habitat Day in New Delhi, Mr. Puri said habitat needs caring and habitat conservation is an important focus of the Narendra Modi government.
- The theme of World Habitat Day this year is “Mind the Gap. Leave No One and No Place Behind.” Mr. Puri said this year’s theme draws inspiration from Sustainable Development Goals.
- The Minister pointed out that this year’s theme could not have a more befitting message. He emphasised the need for ensuring that the benefits of developments reach the needy. Mr. Puri said everyone bears the responsibility of leaving behind a better habitat than what was inherited.

## **Indian-origin, Dr. Vivek Lall receives Lifetime Achievement Award by US President**



- Indian-origin, Dr. Vivek Lall has been honoured with the Lifetime Achievement Award by US President Joe Biden with the citation of ‘With Grateful Recognition’.
- The citation was given to Dr. Lall by the AmeriCorps, which is a part of the US Government and aims to foster activities that bring Americans closer together to “serve communities.”
- According to the official statement, the citation was personally signed by the President of the United States.
- Dr. Lall is an industry leader and Chief Executive Officer of General Atomics.
- The company is a global leader in the specialised fields of nuclear technology and has developed state-of-the-art
- Unmanned Aerial Vehicles (UAVs) like the Predator, Reaper, and Guardian drones.

## PM launches YUVA 2.0 scheme for mentoring young authors



- Prime Minister's Scheme for Mentoring Young Authors - YUVA 2.0 was launched yesterday, October 2, to promote reading, writing, and book culture in the country.
- In view of the significant impact of the first edition of YUVA with large-scale participation from young and budding authors in 22 different Indian languages and English, YUVA 2.0 has been launched.
- Education Ministry said, the launch of YUVA 2.0 (Young, Upcoming and Versatile Authors) is in tune with the Prime Minister's vision to encourage the youth to understand and appreciate India's democracy.
- It will help to develop a stream of writers who can write on a spectrum of subjects to promote the Indian heritage, culture, and knowledge system.
- The Ministry said, a total of 75 authors will be selected through an All India Contest to be conducted through [www.mygov.in](http://www.mygov.in)

## Sweden's Svante Paabo wins 2022 Nobel Prize in Medicine



- The Nobel Prizes 2022 for medicine or physiology was awarded to Swedish geneticist Svante Pääbo. Svante Pääbo was given the award "for his discoveries concerning the genomes of extinct hominins and human evolution," the Nobel Prize committee.
- Considered the most prestigious prize in the scientific world, it is awarded by the Nobel Assembly of Sweden's Karolinska Institute and is worth 10 million Swedish crowns (\$900,357).
- Through his pioneering research, Svante Pääbo accomplished something seemingly impossible: sequencing the genome of the Neanderthal, an extinct relative of present-day humans.
- He also made the sensational discovery of a previously unknown hominin, Denisova.
- Importantly, Pääbo also found that gene transfer had occurred from these now extinct hominins to

Homo sapiens following the migration out of Africa around 70,000 years ago.

- This ancient flow of genes to present-day humans has physiological relevance today, for example affecting how our immune system reacts to infections.
- The prestigious award comes with a gold medal and 10 million Swedish kronor (over \$1.14 million).
- The prize money comes from a bequest left by the prize's creator, Swedish inventor Alfred Nobel, who died in 1895.

### **Pegatron starts iPhone factory in Chennai, third such firm in India**



- Pegatron third iPhone manufacturer in India: With the opening of a factory in Mahindra World City in Chennai, Taiwan's Pegatron became the third Apple supplier to establish a production facility in India.
- It will put about Rs 1,100 crore into the facility, which might lead to the creation of 14,000 employment.
- The other two Apple suppliers with facilities in India are the Taiwanese companies Foxconn and Wistron.
- The opening of Pegatron's factory coincides with Apple's anticipated relocation of at least a quarter of its manufacturing operations to India by 2025.
- In February of last year, it and the Tamil Nadu government inked an agreement known as an MoU.
- The production-linked incentive programme of the central government received an application from the electronics firm.
- Hosur, Coimbatore, and Sriperumbudur will be transformed into centres for the production of electronics by Tamil Nadu.
- 20% of the nation's electronics are produced with help from the state. Among the state's main investments are Samsung, Foxconn, Tata Electronics, and Dell. Stalin claimed that the government was improving the supply chain.

## ISRO Scientist Elected As Vice President Of International Astronautical Federation



- Senior Indian Space Research Organization scientist Anil Kumar has been appointed as the Vice-President of the International Astronautical Federation (IAF).
- Dr. Anil Kumar is currently serving as the Associate Director, of ISRO Telemetry, Tracking, and Command Network (ISTRAC).
- The International Astronautical Federation was founded in 1951. IAF is one of the world's top space advocacy bodies with 433 members in 72 nations.
- International Astronautical Federation Congress (IAC) is an annual space event and it is attended by more than 6000 participants, IAC is organized by the IAF.
- The International Astronautical Federation Congress includes networking events, talks, and a technical program on advances in science and exploration, applications, and operations, technology, infrastructure, and space and society.

## President Draupadi Murmu launches 'herSTART' - a start-up platform of Gujarat University



- President Draupadi Murmu has said If the states move forward by learning and adopting each other's successful models, then India will definitely ensure its place as a developed country during the Amrit Kal.
- The president was addressing a public gathering after launching 'herStart' -- a start-up platform of Gujarat University for women entrepreneurs today in Ahmedabad.
- The President also inaugurated and laid the foundation stone for various projects related to education and tribal development at Gujarat University on the occasion.
- The projects include the virtual inauguration of five highschools for tribals, laying the foundation stone for a boy's hostel in the Narmada district, and launching of five infrastructure projects of the education department.

- The president said the school education lays the foundation stone for improving India's position in the field of science, research, and innovation. Ms. Murmu said India's position in the Global innovation index 2022, has improved from earlier 81 to 14th place in recent times.
- The president said, besides encouraging the entrepreneurial endeavors of women, the 'HerStart' initiative will also link the women entrepreneurs with various private and government platforms.

### NCC inaugurates All India Nau Sainik Camp at Visakhapatnam



- The All India Nau Sainik Camp-2022 (AINSC-22) of the National Cadet Corps commenced under the aegis of NCC Directorate (AP&T) at the campus of the Naval Children School (NCS), at 104 Area, Visakhapatnam, Andhra Pradesh on October 2 with the reporting of 612 cadets from 17 NCC Directorates of the country.
- The camp was formally inaugurated by Air Commodore P Maheshwar, VM Deputy Director General, NCC (AP&T) Directorate who was the Chief Guest for the Opening Ceremony on 3 Oct 22.
- Air Commodore P Maheshwar congratulated the cadets for having been selected for the most prestigious Naval NCC camp and exhorted them to compete with vigor keeping the ethics of fair play uppermost in mind.
- He also flagged off the Ship-Modeling competition wherein each team will be making a naval ship model capable of being propelled under battery power.
- All teams are fully trained to showcase their skills in other competitions namely Boat Pulling, Drill, Semaphore, Service Subjects, Seamanship Practical, and Firing, which will be conducted in the next 07 days.

### SC-ST hub conclave hosted by Ministry of MSME in Gujarat



- The Ministry of MSME hosted the National SC-ST Hub Conclave in Ahmedabad, Gujarat, to raise awareness of the National SC-ST Hub Scheme and other Ministry programmes.
- Dr. Kirit Premjibhai Solanki, a member of parliament and chairman of the parliamentary standing committee on the welfare of scheduled castes and scheduled tribes, as well as other important dignitaries, attended the conclave.
- More than 300 SC-ST business owners attended the event. The keynote talk was given by Ms. Mercy Epao, Joint Secretary, Ministry of MSME, after all the dignitaries and attendees were greeted by Shri Gaurang Dixit, Chairman- cum-Managing Director, National Small Industries Corporation Limited.
- The colloquium offered aspiring and established SC-ST business owners a forum for interaction with CPSEs, financing organisations, GeM, RSETI, TRIFED, etc.
- Speaking at the event, Dr. Solanki recommended that more SC-ST business owners in Gujarat State take use of the NSSH Scheme's benefits.
- Additionally, he advised the bankers in the audience to give SC-ST businesses priority when providing loan support so that they wouldn't encounter any problems expanding their commercial capacity.

### Govt plans to set up 100 5G labs in the country, 12 as telecom incubators



- **100 laboratories for 5G technology:** The government now intends to establish 5G laboratories around the nation, a day after Prime Minister Narendra Modi announced the start of 5G services in India at the Indian Mobile Congress.
- The Indian government intends to establish 100 5G laboratories around the nation, according to Ashwini Vaishnaw, the Union Minister for Communications, Electronics, and Information Technology.
- Ashwini Vaishnaw asked and encouraged the telecom sector to unite and turn at least 12 of these 100 laboratories into incubators for the telecom industry to teach students and conduct experiments.
- It is not uncommon for telecom carriers to run 5G laboratories. Orange Jordan has opened the Orange 5G Lab at Orange Digital Village in Abdali to investigate novel applications of this technology and offer pertinent training.
- Earlier this month, the minister proposed during a visit to the Indian Institute of Technology Gandhinagar (IITGN) that a 5G use-case lab be established there.
- Union Minister Ashwini Vaishna even promised to build a 5G use case laboratory and a semiconductor laboratory at the Institute and urged IIT-GN to create a proposal.

## **Ajay Bhadoo appointed Dy Election Commissioner, Akash Tripathi MyGov's CEO**



- Senior bureaucrat, Ajay Bhadoo has been appointed as the Deputy Election Commissioner as part of a senior-level bureaucratic reshuffle effected on Sunday by the Center.
- Bhadoo, a 1999 batch Indian Administrative Service (IAS) officer of the Gujarat cadre, has been appointed to the post up to July 24, 2024.
- The Appointments Committee of the Cabinet approved the senior bureaucrat's candidature.
- His two-month extension as Joint Secretary in the President's Secretariat ended on September 25.
- He was appointed as Joint Secretary to former President Ram Nath Kovind in July 2020.
- Earlier, Bhadoo served as Gujarat's Vadodara Municipal Commissioner.

## **USA beats China to win women's basketball World Cup**



- The United States defeated China (83-61) to win the International Basketball Federation (FIBA) Women's Basketball World Cup at the Sydney Superdome, Australia.
- The Americans bagged their fourth title in a row and 11th in total and have also sealed a spot at the Paris 2024 Olympic Games.
- A'Ja Wilson and Chelsea Gray were the star performers for the US. Wilson contributed 19 points and five rebounds while compatriot Gray got 10 points and an impressive eight assists.
- For the Chinese, Yueru Li was the standout performer, with 19 points and 12 rebounds, only to finish on the losing end. In the other game, Canada 95-65 in the third-place game.
- Australia's legend Lauren Jackson scored a stellar 30 points that helped the hosts past Canada 95-65 in the bronze medal match.

## Suzlon Founder Tulsi Tanti, the man who harnessed wind, passes away at 64



- Tulsi Tanti, founder and chairman of wind turbine maker Suzlon Energy Ltd passed away. He was 64.
- He was born in Gujarat and studied commerce and mechanical engineering.
- Tanti set up Suzlon in 1995 and spearheaded growth in the Indian wind energy sector by championing affordable and sustainable energy policies.
- Tanti started a textiles business and invested in two wind turbines in 1990 because of inadequate power supply in his area, according to a profile note by the UNEP, which named him one of its “Champions of the Earth” in 2009.

## PM to inaugurate and lay foundation stone of projects worth over Rs 3,650 crore at Bilaspur in Himachal Pradesh



- Prime Minister Narendra Modi will inaugurate and lay the foundation stone of projects over three thousand 650 crores at Bilaspur in Himachal Pradesh today.
- Prime Minister will also dedicate AIIMS Bilaspur, to the state, which has been built at a cost of over one thousand 470 crores. Other than AIIMS, Mr Modi will also inaugurate Hydro Engineering College at Bandla, Bilaspur.
- Prime Minister will also lay the foundation stones of Medical Devices Park at Nalagarh and the Four-lane project from Pinjore to Nalagarh. Mr Modi will also participate in Kullu Dussehra starting today.
- The much-awaited AIIMS Bilaspur, whose foundation stone was laid by Prime Minister Narendra Modi in October 2017, will also be dedicated to the state today.
- Spread over 247 acres, this AIIMS hospital will have state- of-the-art facilities.

- The hospital is equipped with 24 hours emergency, latest diagnostic equipment, 18 modular operation theaters, 750 beds, and also has a 30 bedded AYUSH block.
- The hospital will admit 100 students for MBBS and 60 students for nursing courses every year.

### **Festival of Vijaya Dashami being celebrated across country**



- The festival of Vijayadashmi or Dussehra is being celebrated across the country today.
- The festival is celebrated to remember Lord Ram's victory over Ravana, marking the triumph of good over evil. The day also marks the culmination of Navratri and Durga Puja.
- President Droupadi Murmu and Vice President Jagdeep Dhankhar have greeted the people on the occasion of Vijayadashmi.
- In a message, Ms Murmu said the festival of Vijayadashmi is celebrated all over India as a symbol of victory of good over evil, truth over untruth, morality over immorality.
- She added that in North India, it is celebrated as 'Dussehra' and the victory of Lord Rama over Ravana is animated through 'Ravana Dahan'.
- President said Lord Rama's message of ideal conduct and propriety has been inspiring to people from generation to generation.
- In eastern India, the 'Durga idol immersion' ceremony is celebrated with enthusiasm on this day. President said that this festival is an example of the cultural unity of India.
- She hoped that this festival continues to inspire people to imbibe the eternal life values of ethics, truth and goodness and to live a life of peace and harmony.

### **ICSI celebrates its 54th foundation day in New Delhi**



- Institute of Company Secretaries of India (ICSI) celebrated its 54th foundation day in New Delhi today.

- The theme of this year was Building Governance Ecosystem for Sustainable Growth.
- Minister of State for Finance, Dr. Bhagwat Kishanrao Karad was the chief guest for the event.
- Addressing the event, Dr.Rao said, company secretaries, play an important role in making sure that all the companies are following guidelines issued by the government.
- He further said, India is the fifth largest economy in the world and one of the factors behind this success is the country's corporates.
- Last year, 83.57 billion dollars in foreign investments came into the country and company secretaries had a big role in it.
- He said that with this progress, social justice and social development are also very important. He added that it will help in uplifting the poor.

### **Election Commission launches year-long voter awareness program on All India Radio**



- The Election Commission today launched Matadata Junction, a year-long voter awareness program on All India Radio.
- A total 52-episode programme of 15-minute duration each will be broadcast every Friday on Vividh Bharati stations, FM Rainbow, FM Gold and Primary channels of AIR.
- The Matadata Junction programme will be broadcast in 23 languages across the country.
- Chief Election Commissioner Rajiv Kumar launched the Program in the presence of Election Commissioner Anoop Chandra Pandey, CEO Prasar Bharati Mayank Kumar Agrawal and Director General AIR News Vasudha Gupta in New Delhi.
- Speaking on the occasion Mr. Kumar said that the programme will help in creating awareness among the voters across the country.
- He added that each programme will be based on a particular theme of the electoral process.
- The Chief Election Commissioner also announced Actor Pankaj Tripathi as the National Icon of the Election Commission. Earlier, he was the state icon of the ECI for Bihar.

## Services continue to dominate medals tally at National Games with 39 Golds



**NATIONAL GAMES 2022**  
**TOP MEDALISTS**

RANK	STATE	Gold	Silver	Bronze	TOTAL
1	SERVICES SPORTS CONTROL BOARD	39	24	23	86
2	HARYANA	24	22	19	65
3	MAHARASHTRA	20	17	25	62
4	UTTAR PRADESH	18	13	9	40
5	TAMIL NADU	14	14	16	44
6	KARNATAKA	12	6	11	29
7	PUNJAB	12	20	16	48
8	KERALA	11	10	21	42
9	WEST BENGAL	11	9	12	32
10	GUJARAT	10	16	6	32

#36thNationalGames #NationalGames2022

- At the 36th National Games, Services continue to dominate the medals tally with 86 medals including 39 golds, 24 silvers and 23 bronze, followed by Haryana with 65 medals including 24 gold, 22 silver and 19 bronze.
- Maharashtra is now in third place with 20 gold medals, 17 silver and 35 Bronze.
- Uttar Pradesh is now in fourth place with 18 gold medals, 13 silver and 9 bronze medals.
- Indian sprinter Jyothi Yarraji made history in the women's 100m hurdles as she became the first Indian woman to run a sub-13s time to win the gold medal yesterday.

## World Teachers' Day 2022



- World Teachers' Day or International Teachers' Day is observed every year on October 5.
- This is a day to celebrate, thank and honour teachers for their contributions to their students.
- On this day, many also come together and organise meetings, conferences and such to identify problems being faced by teachers of the country as well as globally and find solutions to those issues.
- This year marks the 28th anniversary of World Teachers' Day and the theme is "The Transformation of Education Begins with Teachers".

## PNB launches WhatsApp banking service



- PNB WhatsApp Banking Launched : The government- owned Punjab National Bank (PNB) announced that it has made banking services available to both clients and non- customers via WhatsApp.
- Customers must save the official PNB WhatsApp number (919264092640) and start a conversation by texting a hello or hi to this number in order to enable the banking feature on WhatsApp.
- Before starting a chat, clients should make sure to verify the “green tick” next to PNB’s profile name on WhatsApp to confirm that this is an actual WhatsApp banking account, according to the statement.
- Currently, account holders of Punjab National Bank (PNB) may inquire about their balance, view their most recent five transactions, halt checks, and obtain cheque books using the WhatsApp banking service.
- Online account opening, learning about bank deposit/loan products, digital goods, NRI services, finding a branch or ATM, and opt-in and opt-out choices are additional educational services that would be offered to both account and non-account holders.

#### **Pullampara declared first fully digitally literate panchayat**



- The Pullumpara village panchayat in the Thiruvananthapuram district, Kerala achieved the distinction of becoming the first totally digitally literate panchayat in the country.
- The announcement was made by chief minister Pinarayi Vijayan at a public event.
- The mission to achieve total digital literacy was aimed at empowering the residents to get access to over 800 government services available through the online mode.
- The residents were also trained to use social media platforms and basic banking services during the training.
- The program to provide digital literacy to the residents of the Pullumpara village panchayat, ‘Digi Pullampara’ was launched on August 15, 2021. After a year-long effort from the local body with able support from the volunteers of the National Service Scheme (NSS) of five engineering colleges, a higher secondary school and Kudumbashree workers, the mission was accomplished.
- A survey was held in 15 wards of the panchayat to identify the prospective trainees. Around 3,917 people were identified of which 3,330 were trained by the volunteers. The remaining were unable to participate in the training due to age and health-related issues.
- The primary aim was to educate the beneficiaries to access around 800 online services provided by

the government of Kerala.

### Adani Green commissioned world's largest wind-solar power plant



- Adani Green Energy Ltd (AGEL) has commissioned the world's largest wind-solar power plant of 600 MW capacity in Jaisalmer, Rajasthan.
- The plant has a power purchase agreement with Solar Energy Corporation of India (SECI) at Rs 2.69/kWh for 25 years.
- The project consists of 600 MW solar and 150 MW wind plants.
- In May 2022, AGEL operationalized India's first hybrid power plant with a capacity of 390 MW in Jaisalmer.
- The commencement of the 600 MW plant AGEL has a total operational generation capacity of 6.7 GW.
- This includes an operational hydropower generation capacity of 1 GW, the largest in the world.
- AGEL's total renewable portfolio goes up to 20.4 GW to reach its vision of 45 GW capacity by 2030.

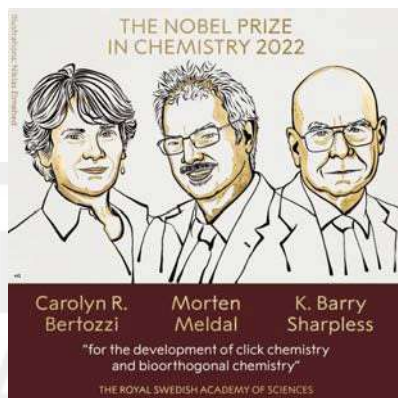
### India emerges as largest producer of sugar in world



- India has emerged as the world's largest producer and second largest exporter of sugar.
- In the Sugar Season 2021-22, a record of more than five thousand lakh metric tons of sugarcane was produced in the country.
- Out of this, 35 lakh metric ton sugar was diverted to ethanol production and 359 lakh metric ton of sugar was produced by sugar mills.

- The Consumer Affairs, Food, and Public Distribution Ministry said, the season has proven to be a watershed season for the Indian Sugar Sector.
- Records highest sugar exports of over 109 lakh metric tons have been registered.
- The Ministry said, supportive international prices and Central government Policy led to this feat of the Indian
- Sugar Industry. These exports earned foreign currency of about 40 thousand crore rupees.

### **Nobel Prize in Chemistry jointly awarded to one Danish and two American scientists**



- The Nobel Prize in Chemistry has been jointly awarded to Carolyn Bertozzi, Morton Meldal and Barry Sharpless for their work on snipping molecules together, known as click chemistry. "Click" chemistry is about linking together molecules like those in living cells.
- Their work is used to explore cells and track biological processes and can be applied in cancer treatment drugs.
- Johan Aqvist, a member of the Royal Swedish Academy of Sciences announced the winners at the Karolinska Institute in Stockholm, Sweden today.
- The Nobel committee praised their work for making chemistry functional and said they had an enormous impact on science.
- Americans Carolyn Bertozzi and Barry Sharpless, and Danish scientist Morten Meldal were cited for their work on click chemistry and bioorthogonal reactions.
- These are used to make cancer drugs, map DNA and create materials that are tailored to a specific purpose.
- Eighty-one-year-old Sharpless, who previously won a Nobel Prize in 2001 and is now the fifth person to receive the award twice, first proposed the idea of connecting molecules using chemical "buckles" around the turn of the millennium.

### **SK Gupta assumes charge as GAIL CMD**



- Sandeep Kumar Gupta assumed charge as the chairman and managing director of GAIL (India) Limited. Gupta, who will replace Manoj Jain, has a wide experience of over 34 years in the oil and gas industry.
- Before joining GAIL, he was working with Indian Oil Corporation (IOC) since 2019. Gupta, 56, is a commerce graduate and a fellow of the Institute of Chartered Accountants of India.
- In June, the Public Enterprises Selection Board (PESB) had selected him for the top role at GAIL after interviewing 10 candidates.
- GAIL Limited is a central public sector undertaking under the ownership of the Ministry of Petroleum and Natural Gas, Government of India. It is headquartered in GAIL Bhawan, New Delhi. Its operations are overseen by the Ministry of Petroleum and Natural Gas.
- GAIL is aligned with the government's vision of having a gas-based economy wherein the share of natural gas in the energy mix is to be taken to 15 per cent by the year 2030, Gupta said after assuming the role.

### **Sanjeev Kishore takes over as Director General Ordnance**



- A 1985 batch officer of the Indian Ordnance Factory Service (IOFS), Sanjeev Kishore has taken over as the Director General of the Indian Ordnance Factory with effect from 01-10-2022 upon the superannuation of M K Garg.
- Before taking over the charge of DGO (C &S), Kishore was the Additional Director of General Ordnance at the Directorate of Ordnance (Coordination & Services), Kolkata.
- Sanjeev Kishore has held many senior positions, including that of the first CMD of Armoured Vehicles Nigam Ltd (AVNL), one of the seven new DPSUs formed by the Government of India in 2021.

- He has ensured a smooth transition of the Armoured group of factories from a Government department to a corporation. AVNL recorded profit in its first six months of operation under his leadership.
- Prior to the appointment of CMD, Shri Kishore was also posted as the Senior General Manager of Heavy Vehicles Factory (HVF) Avadi and General Manager of Opto Electronics Factory (OLF), Dehradun.

### India's economic growth to decline to 5.7% in 2022, says UNCTAD



- India's economic growth is expected to decline to 5.7 per cent this year from 8.2 per cent in 2021, citing higher financing cost and weaker public expenditures, according to the forecast by the United Nations Conference on Trade and Development (UNCTAD) Trade and Development Report 2022.
- The country's GDP will further decelerate to 4.7 per cent growth in 2023, the top UN agency projected.
- India experienced an expansion of 8.2 per cent in 2021, the strongest among G20 countries.
- As supply chain disruptions eased, rising domestic demand turned the current account surplus into a deficit, and growth decelerated, the report stated.
- As supply chain disruptions eased, rising domestic demand turned the current account surplus into a deficit, and growth decelerated, the report said.
- It noted that the Production-Linked Incentive Scheme introduced by the government is incentivising corporate investment, but rising import bills for fossil energy are deepening the trade deficit and eroding the import coverage capacity of foreign exchange reserves.

### WTO slashes global 2023 trade growth forecast to 1% as recession looms



- World merchandise trade volume growth is likely to slow to 1 per cent in 2023, down from the previous forecast of 3 per cent made in April this year, per fresh estimates released by the WTO
- This is due to multiple shocks including the Ukraine war, high energy prices, inflation, and monetary tightening.
- While global trade in goods in 2022 is now predicted to grow at 3.5 per cent—better than the 3 per cent estimated in April—it is expected to lose momentum in the second half of 2023, the report pointed out.
- Slowdown in exports is expected in 2023 as import demand is likely to soften in major economies with growth slowing down for different reasons.
- “In Europe, high energy prices stemming from the Russia-Ukraine war will squeeze household spending and raise manufacturing costs.
- In the United States, monetary policy tightening will hit interest-sensitive spending in areas such as housing, motor vehicles and fixed investment,” the WTO report said.
- China’s continued struggle with COVID-19 outbreaks and production disruptions paired with weak external demand has also been identified as a major factor for trade growth slowing down.

**MoS for Home, Ajay Kumar Mishra attends 30th RAF Anniversary Parade; says, RAF plays key role to keep peace in country**



- Union Minister of State for Home, Ajay Kumar Mishra today, October 7 said the Rapid Action Force (RAF) is playing a key role in keeping peace in the country and helping the nation’s progress in all spheres.
- Addressing the 30th RAF Anniversary Parade this morning in Hyderabad, the Minister said the entire world is looking at India with respect.
- Stating that internal conditions are changing, the Minister said India is being recognised worldwide for its traditional knowledge and spiritual leadership.
- Lauding the expertise of the RAF in tackling emergency situations like disaster management, rescue, and relief operations, he said the force has been doing yeomen service.
- He said the government is making constant efforts to bring positive change and all development is linked to peace. He further said efforts are also on to improve the conditions of the central police forces.

- Fifteen battalions of the specialised RAF have been raised since 1992. Currently, the RPF battalions have been strategically located in 15 cities across the country.

### International Solar Alliance's Fifth Assembly to be held in New Delhi from October 17 to 20



- International Solar Alliance's Fifth Assembly will be held in New Delhi from 17th to 20th October. Power and New and Renewable Energy Minister R.K Singh will preside over the Assembly.
- He unveiled the curtain raiser to the Fifth Assembly of the International Solar Alliance today.
- He said India's pace of Energy Transition is the fastest in the world and International Solar Alliance is absolutely essential for the planet's goal of Energy Transition.
- The Minister said that solar energy is the cheapest source of energy.
- He added that solar and mini grids are the answer to the universal access of energy in the world. India holds the office of the President of the ISA Assembly.

### EAM S Jaishankar launches book "Modi@20: Dreams Meet Delivery" in Auckland



- External Affairs Minister Dr S Jaishankar on Thursday participated in the Kiwi Indian Hall of Fame Awards 2022 and launched the book "Modi@20: Dreams Meet Delivery" in Auckland. New Zealand Prime Minister Jacinda Ardern was also present during the event.
- The event felicitated members of the Indian community in New Zealand for their exceptional achievements and contributions.
- Dr Jaishankar started his official engagements earlier today with a traditional Maori welcome.
- He appreciated the symbolism of the convening of two energies together.

- He also met New Zealand's Leader of Opposition Christopher Luxon. Dr Jaishankar said India -New Zealand relationship will advance with broad-based support and mutual efforts.

#### Defense Minister Rajnath Singh performs 'Shastra Pooja' at Auli Military Station in Uttarakhand on occasion of Vijayadashami



- Defence Minister Rajnath Singh today stressed India believes in the principle that whole world is one family but gives a befitting response if any outsider casts an evil eye.
- Mr Singh said this while celebrating Vijaya Dashami performing Shastra Pooja with Jawans of Armed Forces and ITBP personnel at Auli Military Station in Chamoli Uttarakhand.
- He said, the whole world acknowledged India's growing stature and, India has emerged as one of the key decision makers on all issues of international importance.
- Mr Singh said, India is heard with respect in international fora.
- The Minister reaffirmed that the entire nation has pride and faith in the capabilities of Jawans, and their contribution towards safeguarding the country.
- Mr Singh applauded the role of the forces in securing the nation against external threats. He said, this secure environment, has enabled India to pursue economic development and achieve new heights of progress.

#### Govt appoints Justice Dinesh Kumar Sharma of Delhi High Court as Presiding officer of UAPA Tribunal



- The government has appointed Justice Dinesh Kumar Sharma of the Delhi High Court as the Presiding officer of the Unlawful Activities (Prevention) Tribunal.
- The presiding officer has been appointed to review the ban on the Popular Front of India (PFI) and

its associates.

- The centre has recently banned PFI for five years, after seizing incriminating documents during the search operations at the offices of the outfit and the residences of its office bearers.

### Rest of India beat Saurashtra by eight wickets to win Irani Cup



- The Rest of India's side won the Irani Cup title after beating the Ranji Trophy Champion of 2019-2020 Saurashtra by eight wickets in Rajkot.
- Rest of India (ROI) chased down the 105-run target, with Abhimanyu Easwaran remaining undefeated on 63 runs while adding 81 runs and Kona Bharat not out at 27.
- Kuldeep Sen took most of the wickets in the first innings against Saurashtra.
- ROI dominated Saurashtra from the opening day when they clean-bowled the opposing team for 98.
- The eight-wicket partnership of Jaydev Unadkat and Prerak Mankad, however, Kuldeep Sen changed the game in the favor of ROI.
- Irani Trophy is also known as Mastercard Irani Trophy. It is a test match format cricket tournament in India. It is played annually between the incumbent Ranji Trophy winners and the Rest of the India Cricket Team.
- It is organized by the Board of Control for Cricket in India (BCCI).

### Dr Vivek Murthy appointed as US representative on WHO executive board



- Indian-origin Dr. Vivek Murthy has been nominated by US President Joe Biden to serve as the coun-

try's representative on the Executive Board of the World Health Organization.

- Dr. Murthy will serve as the US Representative on WHO Executive Board and he will continue his duties as the US Surgeon General.
- In March 2021, Dr. Vivek Murthy was confirmed to serve as the 21st Surgeon General of the Country.
- Previously, he served as the 19th Surgeon General under the Presidency of Barack Obama.
- Dr. Murthy as the nation's doctor aims to draw attention to and work across the Government to address several critical public health issues.
- Dr. Murthy is also the Vice Admiral of the US Public Health Service Commissioned Corps; he also commands a uniformed service of over 6000 dedicated public health officers.
- He is the first Indian-origin Surgeon General of the US, he was raised in Miami and graduated from Harvard, the Yale School of Medicine, and the Yale School of Management.

### Google to build its first cloud region in Greece



- Alphabet Inc's Google will set up its first cloud region in Greece, giving a boost to the country's efforts to become a world cloud computing hub.
- The deal is estimated to contribute some 2.2 billion euros (\$2.13 billion) to Greece's economic output and create some 20,000 jobs by 2030.
- The investment would enable organizations to better use their data, help improve low latency and ensure users' security in the face of cybersecurity threats.
- Since taking office in 2019, Mitsotakis's conservative government has stepped up moves to diversify the economy and attract foreign investment and high-tech companies to the country which emerged from a decade-long financial crisis in 2018.
- Google's investment comes two years after Microsoft Corp. decided to build a data centre hub in the country. Amazon Inc's cloud computing division also opened its first office in Greece last year to support what it said was a growing number of companies and public sector agencies using its cloud services.

## NASA and SpaceX's historic Crew-5 launch to International Space Station



- A SpaceX rocket soared into orbit from Florida carrying the next long-term International Space Station crew, with a Russian cosmonaut, two Americans and a Japanese astronaut flying together in a demonstration of US-Russian teamwork in space despite Ukraine war tensions.
- SpaceX Crew5 astronauts, Russian cosmonaut Anna Kikina, NASA astronaut Josh Cassada, NASA astronaut Nicole Mann and Japan Aerospace Exploration Agency astronaut Koichi Wakata pose for a photo as they leave the Operations and Checkout building before heading to Launch Pad 39-A at the Kennedy Space Center in Cape Canaveral, for a mission to the International Space Station.
- The mission, designated Crew-5, marks the fifth full-fledged ISS crew NASA has flown aboard a SpaceX vehicle since the private rocket venture founded by Tesla CEO Elon Musk began sending US astronauts aloft in May 2020.
- The SpaceX launch vehicle, consisting of a Falcon 9 rocket topped with a Crew Dragon capsule dubbed Endurance, lifted off into clear skies at noon from NASA's Kennedy Space Center in Cape Canaveral.
- The two-stage, 23-story-tall Falcon 9 ascended from the launch tower as its nine Merlin engines roared to life in billowing clouds of vapor and a reddish-orange fireball.

## **Novak Djokovic clinches 90th ATP title after registering straight-sets victory over Stefanos Tsitsipas in Astana Open final**



- Tennis star Novak Djokovic clinched his 90th ATP title after registering a straight-sets victory over Stefanos Tsitsipas in the final of Astana Open in Kazakhstan yesterday.
- The 21-time Grand Slam champion from Serbia beat his Greek opponent 6-3, 6-4.
- It was the Wimbledon champion's fourth title of the year, including Rome and Tel Aviv.
- With the impressive win in Astana, the Serbian player joined Rafael Nadal and Roger Federer in the list of players in Open Era with 90 or more ATP titles.
- In men's doubles summit clash at the Astana open, Nikola Mektic and Mate Pavic captured their fifth tour-level title of the season, downing Frenchmen Adrian Mannarino and Fabrice Martin 6-4, 6-2.

## **World Mental Health Day being observed across globe**



- World Mental Health Day is being observed across the globe today.
- 10th of October is observed as World Mental Health Day to promote global mental health education, awareness and advocacy against social stigma.
- The Day provides an opportunity for all stakeholders working on mental health issues to talk about their work, and what more needs to be done to make mental health care a reality for people worldwide.
- The theme for this year is 'Make Mental Health and Well-Being for All a Global Priority'.

## Samajwadi Party patriarch CM Mulayam Singh Yadav passes away



- Samajwadi Party patriarch and former Uttar Pradesh Chief Minister Mulayam Singh Yadav passed away this morning after prolonged illness.
- The 82 year old veteran leader breathed his last at a private hospital in Gurugram, Haryana. Currently a member of Lok Sabha from Mainpuri, Uttar Pradesh, he was elected to the house seven times.
- Born in 1939 in Saifai village of Uttar Pradesh, Mulayam Singh Yadav became chief minister of Uttar Pradesh 3 times.
- He also served as Defence Minister between 1996 to 1998. Mulayam Singh Yadav came into politics after getting influenced by socialist leaders like Ram Manohar Lohia, Madhu Limaye and others.
- He became a prominent face in regional politics. Popularly known as 'Netaji' among his party workers Mulayam Singh Yadav was also called 'Dhartiputra' or son of the soil by his supporters.
- He was first elected to the Uttar Pradesh Legislative Assembly in 1967 and became member of the assembly 10 times.
- In 1977, he was inducted into the Cabinet led by Ram Naresh Yadav as the Minister for Cooperatives and Animal Husbandry.
- While he became the president of the Lok Dal (People's Party) in the same year, he headed the Lok Dal (B) after a split in the party.
- He was elected as the president of the Janata Dal in 1980. In 1992, he founded the Samajwadi Party and led his party to power in UP a year later in an alliance with BSP.

## Padma Shri Dr Temsula Ao passes away; PM Modi condoles death



- Former chairperson of Nagaland State Commission for Women, academician, renowned writer and Padma Shri Dr Temsula Ao passed away on Sunday night at a private hospital in Dimapur. She was 80.
- “Saddened by the passing away of Dr Temsula Ao, who played a pivotal role in popularizing the wonderful Naga culture through her literary works.
- Her efforts in the fields of education and culture were noteworthy. Condolences to her family and friends.
- May her soul rest in peace,” the Prime Minister tweeted on Monday morning.

### **Kick Off The Dream: Official Slogan, Match Schedule and Host Cities Announced for FIFA Under-17 Women’s World Cup**



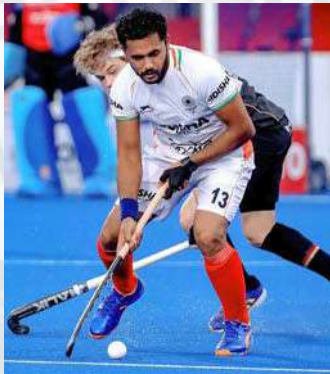
- Ahmedabad, Bhubaneswar, Guwahati, Kolkata and Navi Mumbai were confirmed as the five host cities for the FIFA Under-17 Women’s World Cup.
- 16 teams will compete across 32 matches to lift the trophy on 21 November in Navi Mumbai.
- After the launch of the official emblem in November last year, the official slogan for the FIFA Under-17 Women’s World Cup - Kick Off The Dream - was also unveiled at the press conference in New Delhi.
- Union Sports Minister Anurag Singh Thakur has nominated Law Minister Kiren Rijiju, Athlete Neeraj Chopra and Actor Ajay Devgan to join the ‘Kick Off The Dream’ campaign and show support for India female footballers participating in FIFA Under-17 Women’s World Cup for the first time.

### **EC freezes Shiv Sena’s ‘bow & arrow’ symbol; asks Eknath Shinde & Uddhav Thackeray camps to choose new symbol**



- The Election Commission has barred both the groups led by former Maharashtra Chief Minister Uddhav Thackeray and State Chief Minister Eknath Shinde from using the party name Shiv Sena in the upcoming Andheri East By-elections and till the final determination of the dispute in the matter.
- The Commission has issued an interim order to place both the rival groups on even keel and to protect their rights and interest.
- It said neither of the two groups shall be permitted to use the symbol "Bow and Arrow, reserved for "Shiv Sena.
- The Commission said, both the groups shall be known by such names as they may choose for their respective groups, including, if they so desire, linkage with their parent party "Shiv Sena.
- It added, both the groups shall also be allotted such different symbols as they may choose from the list of free symbols notified by the Election Commission for the purposes of the current bye-elections.

### Harmanpreet Singh named FIH Player of the Year



- India men's hockey team defender and vice-captain Harmanpreet Singh has been voted the FIH Player of the Year for the second year running.
- The 26-year-old became just the fourth player to win the Player of the Year award (men's category) in consecutive years, joining an elite list that includes Teun De Nooijer (Netherlands), Jamie Dwyer (Australia) and Arthur van Doren (Belgium).
- The India vice-captain has scored an incredible 18 goals from 16 games, with two hat-tricks, in the FIH Hockey Pro League 2021-22.
- With those 18 goals, he ended the season as the top scorer for India and now holds the record for most goals scored by a player in a single season of the Pro League.
- Harmanpreet was also in terrific form at the Asian Champions Trophy last year in Dhaka, where he scored 8 goals in 6 games, scoring in every single game as India finished on the podium.
- His performances were also crucial to the Indian team that won a silver medal at the Birmingham 2022 Commonwealth Games.

## Chandrayaan-2 spectrometer maps abundance of sodium on moon for first time



- Chandrayaan-2 Orbiter's X-ray spectrometer 'CLASS' has mapped an abundance of sodium on the moon for the first time, as per the Indian Space Research Organisation (ISRO).
- As Chandrayaan-1's X-ray Fluorescence Spectrometer (C1XS) detected sodium from its characteristic line in X-rays, this opened up the possibility of mapping the amount of sodium on the Moon.
- The abundance of sodium was mapped in a recent work published in 'The Astrophysical Journal Letters' for the first time using CLASS (Chandrayaan-2 Large Area Soft X-ray Spectrometer), the national space agency.
- Built at the U R Rao Satellite Centre of ISRO in Bengaluru, CLASS provides clean signatures of the sodium line thanks to its high sensitivity and performance,”.
- A part of the signal could be arising from a thin veneer of sodium atoms weakly bound to the lunar grains, the study finds.
- These sodium atoms can be nudged out of the surface by solar wind or ultraviolet radiation more easily than if they were part of the lunar minerals.
- Also shown is a diurnal variation of the surface sodium that would explain the continuous supply of atoms to the exosphere, sustaining it.

## Pankaj Advani pockets world title number 25 in Kuala Lumpur



- Indian cueist, Pankaj Advani defended his World Billiards Championships (150-up) title for the 5th time, beating compatriot Sourav Kothari in the best-of-7 frames final at the High End Snooker Club in Kuala Lumpur, Malaysia for a record 25th title at the global level.
- Pankaj's last world title came over 12 months ago in Qatar where he won the IBSF Six-Red Snooker World Cup.
- In the first frame, Advani made his intentions clear that this title was his from word go.

- He opened the proceedings without any delay to secure the first frame with a 149 break while his opponent, who is still seeking his maiden IBSF World title, had yet to score a point in the 150-up format.
- The best-of-seven summit clash saw Advani compete fiercely to ensure he completed a billiards National-Asian-World golden trifecta in the same calendar year for a record fifth time.
- The second frame went Advani's way after Kothari failed to capitalize with the limited chances given to him by his worthy opponent.

### **IREDA celebrates "Cyber Jaagrukta Diwas"**



- To create cybersecurity awareness among all employees, Indian Renewable Energy Development Agency Ltd. (IREDA) observed the "Cyber Jagrukta Diwas"
- On this occasion, Shri Alok Kumar, Information Security Consultant, AKS IT Services, shared his insights with IREDA employees on the practice of cyber hygiene.
- Cyber Jaagrukta Diwas is an initiative launched by the Ministry of Home Affairs that requires all government organizations to spread cybersecurity awareness.
- It is observed on first Wednesday of every month. The purpose is to create awareness and sensitize the Internet users on safeguarding against cyber frauds and cybercrimes.
- The Ministry of Home Affairs (MHA) has requested all offices/branches/sections, PSUs, etc., to observe Cyber Jagrookta (Awareness) Diwas on the first Wednesday of every month and prepare an Annual Action Plan in this regard.

### **PM Narendra Modi addresses 2nd UN World Geospatial Information Congress**



- Prime Minister Narendra Modi today emphasized that there is a need for an institutional approach by the international community to help each other during a crisis.

- Terming the COVID-19 pandemic as a wake up call, Mr Modi said, global organizations like the United Nations can lead the way in taking resources to the last mile in every region.
- The Prime minister said Hand-holding and technology transfer are also crucial in fighting climate change.
- Addressing the United Nations World Geospatial International Congress being held in Hyderabad via video message, Mr Modi said India is a young nation with great innovative spirit.
- Welcoming the delegates the Prime Minister said, the city is known for its culture and cuisine, its hospitality and hi-tech vision.
- Underlining the theme of the conference, 'Geo-enabling the Global Village: No one should be left behind' the Prime minister said India has been working on a vision of Antyodaya which means empowering the last person at the last mile, in a mission mode.
- Mr Modi highlighted 450 million unbanked people, were brought under banking net and 135 million people, were given insurance.

### **International Day of Girl Child: - 'Our time is now - our rights, our future'**



- Today is International Day of the Girl Child.
- In December 2011 the United Nations General Assembly adopted Resolution to declare 11th October as the International Day of the Girl Child to recognize girls' rights and the unique challenges girls face around the world.
- This year's theme for the International Day of the Girl Child is - 'Our time is now - our rights, our future.'

### **Cristiano Ronaldo scripts yet another incredible record, nets 700th club goal of his career**



- Cristiano Ronaldo reached another historic landmark in his extraordinary career by scoring his

700th club goal to seal Manchester United's comeback win over Everton.

- The 37-year-old Portuguese forward becomes the first and only player in this present generation to score seven times a hundred goals in football history.
- His 700th club goal extends his tally over Lionel Messi with Argentina forward scoring 691 goals for Fc Barcelona and Paris Saint Germain.
- Having started his career in 2002, 700 goals means Ronaldo has averaged 35 goals a season. Cristiano Ronaldo's 700th club goal comes 20 years and two days after his first goal for Sporting Lisbon.
- The five-time Ballon d'Or winner scored his first professional goal on October 7, 2002, at the age of 17 years, 8 months, and 3 days. He scored a brace in Sporting Lisbon's 3-0 win against Moreirense.
- This was his first goal in senior-level football. He scored his 144th goal for Manchester United in his two spells at the club, He scored a record 450 goals for Real Madrid, 101 for Juventus, and five(5) for Sporting Lisbon.

### **Max Verstappen win second world title at Japanese GP**



- Red Bull driver Max Verstappen was declared Formula One world champion after winning a dramatic rain-shortened Japanese Grand Prix.
- This was the 25-year-old Dutchman's second championship in a row, which he won with four races to go.
- Red Bull's Verstappen crossed the line first and he was then awarded the title when second-place finisher Charles Leclerc was given a five-second penalty, dropping him to third.

### **MS DHONI Launches 'DRONI - Made in India' consumer camera Drone Manufactured by Garuda Aerospace**



- Former Indian cricket Mahendra Singh Dhoni has launched the made-in-India camera drone named 'Droni' with advanced features manufactured by Garuda Aerospace.
- Dhoni is the brand ambassador of Garuda Aerospace, a company which has attempted to offer drone solutions for agricultural pesticide spraying, solar panel cleaning, industrial pipeline inspections, mapping, surveying, public announcements, and delivery services. It has ventured into the consumer drone market with 'Droni'.
- The event in Chennai also witnessed the launch of a new 'Kisan Drone' that is aimed at the agriculture sector, particularly in spraying applications.
- This battery-powered drone is capable of carrying out agricultural pesticide spraying over a land area of 30 acres per day.
- The Global Drone Expo witnessed 1,500+ participants from 14 international drone companies and representatives from over 28 states and union territories which attracted investors, youth and stakeholders and outlined a path forward for the drone industry.

### **Gulf Oil ropes in Cricketer Smriti Mandhana as brand ambassador**



- Indian cricket star Smriti Mandhana has signed on as a brand ambassador of lubricant manufacturer Gulf Oil India.
- India women's vice-captain joins current men's cricket ace Hardik Pandya and former captain Mahendra Singh Dhoni as an ambassador for the company.
- Through the partnership, Gulf Oil stated that it aims to 'celebrate women power' and 'inspire female audience in the country', while also honouring the achievements of Indian women cricketers.
- With this association, Gulf Oil claims to have become the first company in the lubricant space to appoint a woman cricketer as ambassador to represent the organisation and its ethos.

### **PM Narendra Modi addresses UN World Geospatial International Congress**



- Addressing the Second United Nations World Geospatial International Congress via video message, Prime Minister Narendra Modi said that steps taken by India over the past few years has been of empowering the “last person at the last mile”, reflecting the theme of this year’s conference — ‘Geo-Enabling the Global Village: No one should be left behind’.
- Welcoming the international delegates to India, the Prime Minister said, “We have been working on a vision of Antyodaya which means empowering the last person at the last mile, in a mission mode.
- 450-million unbanked people, a population greater than that of USA, were brought under banking net and 135- million people, about twice the population of France, were given insurance.
- Sanitation facilities were taken to 110-million families and tap water connections to over 60-million households. India is ensuring no one is left behind.”
- The PM further pointed out that technology and talent are the two pillars that are key to India’s development journey.

### Those visiting Europe can make payments via UPI



- Pay in Europe using UPI soon: NPCI International Payments Ltd (NIPL) and European payment services provider Worldline established a corporation due to which Indians will soon be able to make payments through UPI (United Payments Interface) across Europe.
- The National Payments Corporation of India (NPCI)’s international division is called NIPL .
- The aim of the collaboration between NIPL and Worldline is to increase the adoption of Indian payment methods in Europe.
- Worldline will increase convenience for Indian clients in the European markets as part of the co-operation by enabling point-of-sale (POS) systems at businesses to accept payments from UPI (United Payments Interface).
- Later, customers from India will also be able to pay with their RuPay debit or credit cards in Europe.
- Indian clients currently use international card networks to make payments.
- UPI enables access to various bank accounts via a single mobile application.
- This will ultimately improve customer experience while providing new business opportunities for retailers.
- Due to an increase in foot traffic and expenditure from Indian tourists, this will result in a variety of customer- related merchant benefits, according to NPCI and Worldline’s announcement.

## Two Chief Justices for High Courts of Rajasthan, Karnataka, J-K, and Ladakh



- Two Chief Justices for High Courts: The central government announced the appointment of two judges as chief justices of the high courts in Jammu & Kashmir, Ladakh, and Karnataka.
- It also announced the transfer of the chief justice of the J&K high court to the Rajasthan high court.
- Notifications were released by the law ministry's Department of Justice, in this regard.
- According to the Constitution's provisions, Justice Prasanna B. Varale has been named the Karnataka High Court's Chief Justice.
- Justice AM Magrey has been named the Chief Justice of Jammu and Kashmir and Ladakh.
- Justice Pankaj Mithal has been appointed Chief Justice of the Rajasthan High Court, according to Kiran Rijju.
- The Chief Justice of the Karnataka High Court, Justice Prasanna B. Varale, and the Chief Justice of the Jammu and Kashmir High Court, Justice Ali Mohammad Magrey, were both recommended for elevation by the Supreme Court collegium during its meeting on September 28.

## Ananth Narayan Gopalakrishnan assumes charge as whole-time member at Sebi



- Former banker Ananth Narayan Gopalakrishnan took charge as the fourth whole time member (WTM) in the Securities and Exchange Board of India (Sebi).
- Narayan, who has been a member of various advisory committees of Sebi and RBI, has been appointed for an initial period of three years.
- Before assuming charge, Narayan was an associate professor at SP Jain Institute of Management & Research. He has over two and half decades of experience in the banking and financial markets, during which he held the position of Regional Head of Financial Markets for ASEAN and South Asia at Standard Chartered Bank.

- He has strong expertise in foreign currency, interest rates, derivatives and debt capital markets. Narayan has also worked with Deutsche Bank and Citibank.

### **Centre extends ethanol subsidy scheme till March 2023**



- The Centre has extended the timeline for disbursement of loans up to March 31 under the ethanol blending programme interest subsidy scheme, notified first in 2018, to facilitate entrepreneurs to complete their projects while availing of government support.
- The Food Ministry issued a notification on October 6 stating the applicants who have submitted their applications to DFPD after the date of notification of the scheme but within the cut-off date prescribed in the notification.
- Loans were disbursed to them prior to the in-principle approval of DFPD, and will also be eligible for interest subvention under the scheme.
- The applicants have been asked to complete their projects within two and half years after receiving their first installment, said the notification.

### **Union Minister Anurag Thakur inaugurates Water Sports Center in Himachal Pradesh**



- Union Minister of Youth Affairs and Sports, Anurag Singh Thakur inaugurated a Water Sports Center in the Koldam Barmana, Bilaspur, Himachal Pradesh.
- The Water Sports Center, the very first of its kind in Himachal Pradesh, has been jointly initiated by the Sports Authority of India (SAI) and National Thermal Power Corporation (NTPC).
- The Memorandum of Understanding (MoU) was also exchanged between SAI and NTPC during the event.
- The center will be dedicated to training athletes in water sports like Rowing, Canoeing and Kayaking.

- Anurag Thakur said that this water sports centre at NTPC Koldam would be a big sports facility for the children of Himachal Pradesh in future.
- He said that this water sports center has a straight range of 3 km, which is found in some places.
- Many of our water sports athletes will come here to learn. Good coaches have also been arranged. There are very good facilities here.
- The Union Minister further said, “40 players will be selected who will take part in rowing, kayaking and canoeing.
- There are state-of-the-art equipment and hostels and training facilities for boys and girls. We are hopeful that the center will also hold national competitions.

### **EU parliament approved adoption of world's first single charger rule**



- According to a new law passed by the European Union parliament, all new smartphones, tablets and cameras will have a single standard charger from late 2024.
- The law was adopted with a vote of 602 in favour, and 13 against.
- It mandates smartphone, laptop and camera manufacturing companies to adopt a standard charger, at least in Europe.
- Makers of laptops will have extra time, from early 2026, to also follow suit.
- EU policymakers say the single charger rule will simplify the life of Europeans, reduce the mountain of obsolete chargers and reduce costs for consumers.
- It is expected to save at least 200 million euros (\$195 million) per year and cut more than a thousand tonnes of EU electronic waste every year.
- The European Union's 27 countries are home to 450 million people who count among the world's wealthiest consumers.
- Regulatory changes in the bloc often set global industry norms in what is known as the Brussels Effect. The EU move is expected to ripple around the world.

## Multi-State Cooperative Societies (Amendment) Bill, 2022 gets Cabinet approval



- The Union Cabinet has approved the Multi-State Cooperative Societies (Amendment) Bill, 2022.
- It seeks to amend the Multi-State Cooperative Societies Act, 2002.
- Briefing media in New Delhi yesterday, Information and Broadcasting Minister Anurag Thakur said, the decision will improve governance, enhance transparency and accountability in the Multi State Cooperative Societies.
- He said, election authority will be set up to ensure fair, free and timely elections.
- AIR correspondent reports that the proposed amendments covering major areas of operation and management will go a long way in strengthening the co-operative movement in the country.
- India has more than 1500 multi-State co-operative societies serving as an important tool to promote economic and social betterment of their members.
- In order to make the governance of these multi-State Cooperative societies more democratic, transparent and accountable, provisions for setting up of the Cooperative Election Authority, Cooperative Information Officer and Cooperative Ombudsman have been proposed in the amendment.

## PM Modi flags off Vande Bharat Express from Una in Himachal Pradesh to New Delhi



- Prime Minister Narendra Modi flags off Vande Bharat Express from Una in Himachal Pradesh to New Delhi.
- This is the fourth Vande Bharat train to be introduced in the country.
- The introduction of the train will help boost tourism in the region and provide a comfortable and faster mode of travel.

- Mr Modi will also dedicate Indian Institute of Information Technology (IIIT) Una to the nation.
- The foundation stone of this institute was laid by the Prime Minister in 2017.
- Later in the day, Prime Minister will also lay the foundation stone of two hydropower projects in Chamba.
- These projects will generate over 270 million units of electricity annually and Himachal Pradesh is expected to get annual revenue of around one hundred ten crore rupees.

### **Indian Navy Conducts Offshore Security Exercise, 'Prasthan'**



- The Offshore Security Exercise, 'Prasthan' in the Offshore Development Area (ODA) off Kakinada was conducted by Eastern Naval Command on Wednesday.
- The Half Yearly Exercise was conducted in the KG basin to validate SOPs, address various contingencies and strengthen the command & control organisation towards Maritime Security.
- The exercise is coordinated by the Indian Navy and involves all stakeholders in the maritime domain, including oil and gas operators, the State Marine Police, Dept of Fisheries and the Indian Coast Guard, etc.

### **INS Tarkash reaches South Africa to participate in 7th edition of IBSAMAR**



- INS Tarkash reached Port Gqekeza, also known as Port Elizabeth in South Africa to participate in the seventh edition of IBSAMAR, a joint multinational maritime exercise among Indian, Brazilian and South African Navies.

- The harbour phase of IBSAMAR VII includes professional exchanges such as damage control and fire-fighting drills, and interaction among special forces.
- The Indian Navy is represented by the Teg class guided missile frigate, INS Tarkash, a Chetak helicopter and the personnel from the Marine Commando Force (MARCOS).
- The Joint Maritime Exercise will strengthen maritime security, joint operational training, sharing of best practices and building interoperability to address common maritime threats.

### **NASA announces DART mission test successful**



- The American space agency, NASA announced the results of its Double Asteroid Redirection Test (DART) mission on Tuesday.
- Terming the test successful, the agency said, the DART spacecraft that deliberately crashed into an asteroid last month succeeded in changing the asteroid's motion in Space.
- DART is a spacecraft designed to impact an asteroid as a test of the technology. DART's target asteroid is not a threat to Earth.
- NASA's Chief, Bill Nelson in a statement said that this was the first time humanity has altered the motion of a celestial body.

### **Tom Cruise To Become First Actor to Film a Movie in Space**



- Hollywood Actor Tom Cruise, who is renowned for pulling off high-octane stunts in his projects, is taking things to the next level and may soon become the first actor to shoot in space.
- The Top Gun actor has reportedly partnered with director Doug Liman on a project that calls for him to perform a spacewalk.
- The Hollywood actor and director have reportedly approached the Universal Filmed Entertainment-

ment Group (UFEG) with a proposal for Tom to launch himself up to the International Space Station.

- The project was initially slated for 2020, but the Covid-19 outbreak put the project on hold.
- The movie is currently in the conceptual stage and hasn't started shooting yet.
- Tom Cruise would be the first movie celebrity to film on the International Space Station if the film is successful, as was previously announced.
- Liman was asked about reports that the movie will cost around \$200 million but she insisted they are yet to work out the final budget.
- Presumably, a flight to space for Cruise and a film crew will cost a packet.

### **South Indian Bank enters World Book of Records for '101 Oonjals'**



- South Indian Bank bagged a world record for staging and swinging the highest 101.
- The South Indian Bank has organized an event 'Onnichirikkam Oonjaladam' and was accoladed with the World Book of Records award for 'staging and swinging 101 Oonjals'.
- The event 'Onnichirikkam Oonjaladam' saw people gathered in large numbers to celebrate unity and prosperity during the ongoing festival season.
- Swings were made using wood and rope in the traditional way.
- The World Book of Records team presented the Award to South Indian Bank officials.
- All 101 swings were staged and swung together by the people. There was happiness and togetherness during the event.
- Seeing everyone taking part in something together naturally brings happiness to all of us.
- An Oonjal is a sturdy rectangular plank suspended by iron link chains hooked to the ceiling of a hall or balcony.

## Roger Binny to replace Sourav Ganguly as BCCI president, Jay Shah to remain secretary



- India's 1983 World Cup hero, Roger Binny is set to become the new BCCI president, replacing Sourav Ganguly.
- Binny will assume charge on October 18, when the BCCI annual general meeting will be held, in Mumbai.
- Jay Shah will continue as BCCI secretary, the most influential position in the board. Rajiv Shukla will also stay on as the board's vice president.
- Binny, 67, has a lot of experience in cricket administration. He has served in different positions at the Karnataka State Cricket Association (KSCA) over the years, and has been its president since 2019.
- Prior to that, Binny also was part of the KSCA administrations led by Patel and Anil Kumble (2010-12).
- The age-cap rule, which has led to end of Patel's run, will also restrict 1983 World Cup-winner Binny's tenure to one term of three years.

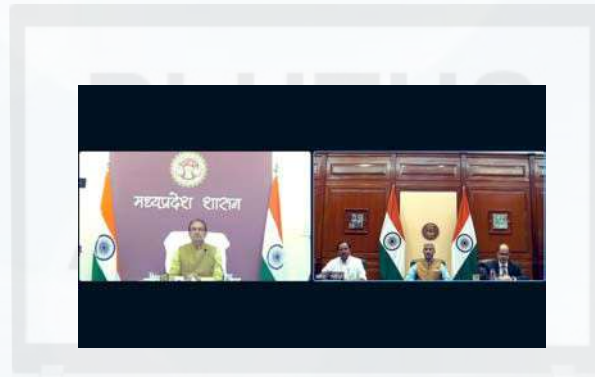
## President Droupadi Murmu inaugurates 'PARAM KAMRUPA' Supercomputer facility at IIT Guwahati



- President of India, Smt Droupadi Murmu, inaugurated 'PARAM KAMRUPA' Supercomputer facility and a high-power active and passive component laboratory of SAMEER at Indian Institute of Technology, Guwahati on the first day of her visit to the State.
- The Param Kamrupa, one of its kind supercomputers in the North East region, installed under the National Supercomputing Mission.

- In the same function, the President virtually inaugurated Dhubri Medical College and Hospital, and laid foundation stone for Zonal Institutes of National Institute of Virology at Dibrugarh in Assam and Jabalpur of Madhya Pradesh.
- Addressing the gathering at IIT Guwahati the President Smt. Murmu said that North Eastern states are making big strides towards development and making extraordinary efforts to provide high quality education and healthcare system to the people of the region. This region should be the torchbearer of the country.
- The President said that the Super Computer Param Kamrupa will provide advance computing, healthcare techniques along with solutions for many issues to this region.
- She also informed that many components of this super computer developed indigenously.

### 17th Pravasi Bhartiya Divas to be held at Indore in January 2023



- The 17th Pravasi Bhartiya Divas Convention will be held in Indore, Madhya Pradesh in January next year.
- External Affairs Minister Dr. S Jaishankar on Thursday launched the website of 17th Pravasi Bhartiya Divas Convention with Madhya Pradesh Chief Minister Shivraj Singh Chouhan and Minister of State for External Affairs V Muraleedharan through video conferencing.
- Dr. Jaishankar said, the Narendra Modi Government has always accorded the highest priority to the Indian Diaspora which is more than 32 million.
- He said, Government's engagement is founded on the 4Cs- Care, Connect, Celebrate and Contribute.
- The External Affairs Minister expressed confidence that the 17th PBD Convention will be an important landmark event in the post-pandemic world.
- He said, coming January 2023, look forward to Madhya Pradesh's warm hospitality.
- Secretary in Consular, Passport, Visa and Overseas Indian Affairs Division of Ministry of External Affairs Ausaf Sayeed was also present on the occasion.

## Indian discus thrower Kamalpreet Kaur BANNED for three years for doping violation



- Indian discus thrower, Kamalpreet Kaur has been banned from competition for three years, starting March 29, 2022, due to a doping violation, the Athletics Integrity Unit (AIU) announced on October 12.
- The AIU, which is the independent body created by World Athletics that manages all integrity issues – including doping and age fraud, had provisionally suspended Kamalpreet in May this year for testing positive for the banned substance stanozolol, an anabolic steroid that is on the list of banned substances as per the World Athletics.
- Kamalpreet Kaur's samples had been tested at a World Anti-Doping Agency (WADA)-accredited lab in Lausanne, Switzerland.
- The 26-year-old had tested her samples at a private lab and was also allowed by the WADA to have them tested at the National Dope Testing Laboratory (NDTL) in New Delhi, both of which came up positive for stanozolol.
- The Athlete has failed to demonstrate that the Anti-Doping Rule Violations were not intentional. Therefore, the mandatory period of Ineligibility is a period of Ineligibility of four (4) years," the AIU said.
- However, Rule 10.8.1 ADR provides that an athlete potentially subject to an asserted period of Ineligibility of four (4) years may benefit from a one (1)-year reduction in the period of Ineligibility based on an early admission and acceptance of sanction," it added.

## Israel and Lebanon reach historic agreement to resolve a long-running maritime border dispute



- Lebanon and Israel have reached a "historic" deal to end a long-running maritime border dispute in the gas-rich Mediterranean Sea, according to negotiators from the two countries.

- Lebanon's deputy speaker Elias Bou Saab said, after submitting the United States-brokered final draft of the deal to President Michel Aoun, that an agreement had been reached that satisfies both sides.
- While limited in scope, an agreement may ease security and economic concerns between the two countries.
- The deal would resolve a territorial dispute in the eastern tip of the Mediterranean Sea in an area where Lebanon aims to explore for natural gas, and near waters where Israel has already found commercially viable quantities of hydrocarbons.

### Google launches Play Points in India



- Google is set to launch Play Points, a global rewards Programme for users in India.
- Users will earn points when they purchase with Google Play, including in-app items, apps, games, and subscriptions.
- The reward program has four levels known as platinum, gold, silver, and bronze.
- The levels will provide members with perks and prizes. The levels and tiers are based on the number of points they have collected.
- The users can redeem the points awarded in the Play Store.
- Google has partnered with developers of popular apps and games across the world to help users to redeem their points on special in-app items.
- Google Play in partnership with more than 30 titles that include games from global studios like Miniclip, in India.
- It has also partnered with local studios like Gammation, Gameberry labs, Truecaller, etc.
- The Play Points by Google is available in 28 countries and Google claims that more than 100 million people find value in the program.
- Google Play Points will also provide local developers a new avenue to build a local and global user base.

#### 4th Heli-India Summit 2022 inaugurated by Jyotiraditya Scindia



- Minister of Civil Aviation Shri Jyotiraditya M. Scindia inaugurated the 4th Heli-India Summit 2022.
- The civil enclave will be built in Jammu for Rs 861 crore and Srinagar's present terminal will be expanded three times from 20,000 square meters to 60,000 square meters for Rs 1500 crores.
- The 4th Heli-India Summit 2022 was inaugurated with the theme of 'Helicopters for Last Mile Connectivity' at Sher-i-Kashmir International Conference Center, Srinagar in the presence of Lieutenant Governor of the Union Territory of Jammu and Kashmir Major Sinha.
- During the summit Scindia highlighted the decrease in VAT on Aviation Turbine Fuel (ATF) from 26.5 percent.
- The Jammu and Kashmir government has set a new project for air connectivity in the Union Territory with a 360 percent increase in refueling, increasing the air connectivity to Jammu and Kashmir.
- From 1947 to 2014, India had only 74 airports, but today there are 141 airports with 67 added in the last seven years according to the Civil Aviation Minister.

#### Nitin Gadkari Unveils Toyota Corolla Altis Flex-Fuel Car in India



- Union Minister for Road, Transport & Highways, Nitin Gadkari has unveiled the Toyota Corolla Altis Flex-fuel car, which has been touted as first of its kind pilot project on Flexi-Fuel Strong Hybrid Electric Vehicles (FFV-SHEV) in India.
- This project intends to examine whether ethanol-powered flex-fuel vehicles can be viable in Indian conditions.
- Collected data will be shared with the prestigious Indian Institute of Science, for conducting a deeper study about the well-to-wheel carbon emissions of FFV / FFV-SHEV in the Indian context.
- In this regard, a Memorandum of Understanding was also signed between Toyota Kirloskar Motor (TKM) and the Indian Institute of Science, Bangalore.
- The flex-fuel production has already commenced in India with three grades namely E95, E90, E85

initially developed.

- The nomenclature of the aforementioned fuel grades is based on the percentage of petrol against the percentage of ethanol mix.
- The flex-fuel sedan was imported from Toyota Brazil.
- Powered by a 1.8L ethanol petrol hybrid engine, it runs on fuel with ethanol content ranging between 20-100 per cent while generating a power output of nearly 101 bhp and torque performance of 142 Nm.
- The petrol engine is paired with a 1.3 kWh battery which churns out 72 bhp and 163 Nm. This powertrain combination is linked to a CVT gearbox.

### **Himachal Pradesh starts new scheme to help farmers**



- The state government of Himachal Pradesh has started a new scheme named 'HIMCAD', to provide irrigation facilities to farmers.
- According to the latest data, about 80% of the agricultural area of Himachal Pradesh is rain-fed.
- The scheme will provide end-to-end connectivity of farmers' fields for better water conservation, crop diversification and integrated farming.
- Under the scheme, it is planned to provide command area development activities to 23,344 hectares of cultivable command area by March 2024, and the State Technical Advisory Committee has approved 379 minor irrigation schemes worth Rs 305.70 crore. About 80 per cent of the agricultural area of the state is rain-fed.
- In order to provide irrigation facilities to the farmers in the state, the government has implemented schemes like Flow Irrigation Scheme, Efficient Irrigation Scheme through Micro Irrigation, Jal Se Krishi Ka Bal, construction of Lift Irrigation Scheme and Borewell etc.
- Under the scheme, to provide Command Area Development activities to 23,344 hectares of Cultivable Command Area (CCA) by March 2024, the State Technical Advisory Committee has approved 379 completed Minor Irrigation Schemes worth Rs. 305.70 crores. The development work of these schemes is in various stages.

## Indian shooter Rudranksh Patil bags Gold medal at ISSF World Championship in Egypt



- In the ISSF World Championship, Indian shooter Rudranksh Balasaheb Patil won the gold medal in men's 10m air rifle event in Cairo, Egypt yesterday.
- With this win, he also secured a 2024 Paris Olympics quota for the country. In the gold medal match, he defeated Italy's Danilo Dennis Sollazzo 17-15.
- He is only the second Indian to achieve the feat after Olympic champion Abhinav Bindra, who had won the gold in this event in 2006 in Zagreb, Croatia.
- This was Rudranksh's first appearance at a World Championship.

## ISSF World Championship: India bags bronze medal in shooting



- India began their ISSF World Championship campaign with a bronze in the women's 25m pistol team junior competition in Cairo, Egypt yesterday.
- The trio of Esha Singh, Naamya Kapoor, and Vibhuti Bhatia demolished team Germany 17-1 in the bronze medal match to get India on the medal tally on day one of the competition.
- Esha, Naamya, and Vibhuti finished fourth in the first round of qualification with a score of 856 to make it to the next stage in third position.
- In the next round, they shot 437 to finish behind the Germans in fourth position to qualify for the bronze medal match. China won the gold in the event while Korea bagged silver.

## ISRO to launch 36 satellites of UK's global communications network OneWeb on October 23



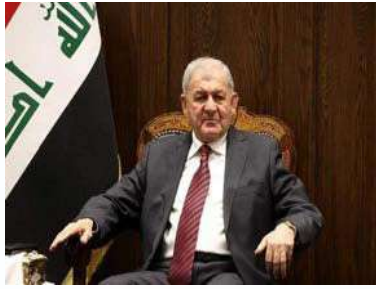
- Indian Space Research Organisation (ISRO) will launch 36 satellites of UK's global communications network OneWeb on 23rd of this month. The launch of satellites is scheduled for 12.07 AM on October 23.
- The commercial launch onboard the GSLV-Mk3, India's heaviest satellite, is being facilitated by Space PSU NewSpace India Limited (NSIL).
- NSIL has signed two launch service contracts with OneWeb for launching the firm's LEO (low Earth orbit) broadband communication satellites onboard the GSLV-Mk3.

## Global Hunger Index 2022: India ranks 107th



- India ranks 107 out of 121 countries on the Global Hunger Index in which it fares worse than all countries in South Asia barring war-torn Afghanistan.
- India's score of 29.1 places it in the 'serious' category. India also ranks below Sri Lanka (64), Nepal (81), Bangladesh (84), and Pakistan (99).
- Afghanistan (109) is the only country in South Asia that performs worse than India on the index.
- China is among the countries collectively ranked between 1 and 17 having a score of less than five.
- India's child wasting rate (low weight for height), at 19.3%, is worse than the levels recorded in 2014 (15.1%) and even 2000 (17.15%), and is the highest for any country in the world and drives up the region's average owing to India's large population.

## Iraqi Parliament elects Abdul Latif Rashid as country's new President



- The Iraqi Parliament chose Kurdish politician, Abdul Latif Rashid to lead the country.
- Rashid won more than 160 votes against 99 for the incumbent Saleh. Rashid, 78, is a British-educated engineer and was the Iraqi minister of water resources from 2003-2010.
- Outgoing President Saleh reportedly walked out of the parliament building as the votes were tallied.
- Rashid was born in 1944 in the northeastern Sulaymaniyah region of Iraq. He graduated as a civil engineer from the University of Liverpool in 1968. He went on to complete his engineering doctorate in 1976 from the University of Manchester.
- Rashid has a long history in Iraqi politics. He served as the minister of water resources from 2003 to 2010 and then as the senior adviser to the President. He can speak speaks Kurdish, Arabic and English.
- Rashid is a member of the Patriotic Union of Kurdistan (PUK) party. He was also the former spokesperson for the PUK in Britain.
- Although the veteran Kurdish politician is considered accommodating, he is seen as a compromise candidate for the polarised country, AFP reported.

## World Students Day 2022



- October 15 is celebrated as World Students' Day to commemorate the birth anniversary of Dr APJ Abdul Kalam, a celebrated Aerospace scientist and former President of India.
- The day is marked to acknowledge his efforts toward students and education. Dr Kalam was born on October 15, 1931.
- He served as an inspiration to many students to achieve and do something remarkable.
- After his tenure as the President came to an end, he became a visiting faculty at the Indian Institute

of Management (IIM) in Shillong, IIM-Indore and IIM- Ahmedabad.

- Dr APJ Abdul Kalam was a dedicated student with a deep passion to learn. Despite financial constraints, he completed his graduation in Physics and later studied Aerospace Engineering at the Madras Institute of Technology.
- He became India's most famous nuclear scientist and was known as the 'Missile Man of India'. He played a crucial role in the Pokhran-II nuclear tests in 1998.
- During his five-year tenure as the country's President, between 2002 to 2007, he was fondly called the 'People's President'.

### Times Higher Education Rankings 2023: IISc tops, top 10 Indian Universities



- Times Higher Education Rankings 2023 has been announced. This year, the Indian Institute of Science, Bangalore has secured the top place among Indian universities.
- Five Indian universities made it into the world's top 500 universities. IISc has been placed under the 251-300 bracket. The complete list of the top 10 Indian Universities is enlisted below.
- In total, 22 Indian universities made it below rank 800 – three of which were debutant entries.
- DTU, Graphic Era University, IIT Indore, IIIT, Delhi, Jamia Hamdard University, JNU, Kalasalingam Academy of Research and Education, and KIIT University also have been put under the 601-800 bracket.
- Globally, the University of Oxford continued to retain the top spot for the seventh consecutive year, while the **University of Cambridge jumped to joint third from joint fifth last year.**
- The US is the most-represented country overall with 177 institutions in the overall ranking list.
- A record number of 1,799 universities from 104 countries and regions are ranked, 137 more than last year.

## New Delhi: 5th Assembly of International Solar Alliance to begin today under India's presidency



- The 5th Assembly of International Solar Alliance (ISA) will begin today in New Delhi under India's presidency.
- Participants from 109 countries will be sharing their experiences towards a low-carbon economy through promotion of solar energy at the 4-day event.
- The Assembly is the apex decision-making body of the International Solar Alliance that makes decisions concerning the implementation of the ISA's Framework Agreement.
- The Assembly meets annually at the ministerial level at the ISA's seat.
- Talking to AIR, ISA Director General Ajay Mathur outlined the priorities and focus areas of the global meet.
- He said one of the key focus areas of the meeting is streamlining the solar sector investments in the countries where investments are not flowing at present.
- He said the assembly will also deliberate on creating a Risk Mitigation Facility for solar projects with a Payment Guarantee Mechanism.

## Railway Minister Ashwini Vaishnaw inaugurates India's First Aluminum Freight Rake at Bhubaneswar Railway Station



- On 16th October, Sunday, Union Minister for Railways Ashwini Vaishnaw inaugurated India's First Aluminum Freight Rake at Bhubaneswar Railway Station in Odisha.
- The indigenously built rake will reduce carbon footprint due to lower consumption of fuel.
- A single rake can reduce 14,500 tonnes Carbon dioxide emissions during its lifetime, said the Minister.
- AIR correspondent reports that Union Minister MR Vaishnaw who is also the minister for Communications and Electronics & Information has said that high-speed 5G internet service will be rolled

out in a few cities of Odisha by March 2023.

- Speaking to media persons in Odisha capital Bhubaneswar today the Union Minister said, In the first phase of rollout, 200 cities of India will be connected with the 5G network.
- In this phase, all big cities of Odisha will also receive a 5G network by the end of March 2023.
- By the end of 2023, under phase II, around 80 percent of the State will be covered under the high-speed internet service, the minister revealed.

### **India to host 90th General Assembly of INTERPOL from 18 to 21 Oct**



- India is hosting the 90th General Assembly of the International Criminal Police Organization, INTERPOL from 18th to 21st of October in New Delhi.
- The General Assembly is INTERPOL's supreme governing body, comprising representatives from each of 195 member countries. It meets once a year.
- India is one of the oldest members of Interpol and joined the organization in 1949.
- All member countries of INTERPOL have agreed to ensure and promote the widest possible assistance between all criminal police authorities in the prevention and suppression of ordinary law crimes.
- The role of INTERPOL is to enable police around the world to work together to make the world a safer place.

### **PM Modi to inaugurate PM Kisan Samman Sammelan 2022 in New Delhi on Oct 17**



- On 17th October, Monday, Prime Minister Narendra Modi will inaugurate the PM Kisan Samman Sammelan 2022 at Indian Agricultural Research Institute in New Delhi.
- More than 13 thousand farmers from across the country and around one thousand five hundred Agri Startups will participate in the conference.

- More than one crore farmers, from various institutions are also expected to attend the event virtually. The conference will also witness participation of researchers, policy makers and other stakeholders.
- The Prime Minister will also release the 12th installment amount of 16 thousand crore rupees under the Pradhan Mantri Kisan Samman Nidhi through Direct Benefit Transfer.
- Under the scheme, eligible farmer families are provided a benefit of six thousand rupees per year in three equal installments of two thousand rupees each.
- AIR correspondent reports that Prime Minister will also inaugurate the Agri Startup Conclave and Exhibition.
- About three hundred startups will showcase their innovation related to Precision Farming, Post-Harvest and Value Add Solutions, Allied Agriculture and Supply Chain Management among others.

### **Home Minister Amit Shah lays Foundation stone of new terminal building of Gwalior airport**



- In Madhya Pradesh, Union Home Minister Amit Shah laid the Foundation stone for the new terminal building of Rajmata Vijayaraje Scindia airport in Gwalior on 16th October 2022.
- This new terminal will be ready constructed at a cost of 446 crore rupees .
- On this occasion, Shri Shah said that it will be the best airport in the country. This will go a long way in improving air connectivity and promoting tourism in Gwalior.
- Shri Shah also laid the foundation stone and inaugurated Jal Jeevan Mission projects worth Rs 43 hundred crore for 3 thousand 143 villages.
- The Union Home Minister also handed over 256 urban and 1 thousand 202 rural houses under the Pradhan Mantri Awas Yojana to the beneficiaries.

### **India rejects Global Hunger Index Report 2022, says attempt to taint Country's image**



- India has rejected the Global Hunger Index Report 2022, which has ranked India at 107 among 121 countries.
- The Ministry of Women and Child Development said in a statement, the index is an erroneous measure of hunger and suffers from serious methodological issues.
- It said, consistent effort is yet again visible to taint India's image as a Nation that does not fulfill the food security and nutritional requirements of its population.
- The Ministry said, the report is not only disconnected from ground reality but also chooses to deliberately ignore efforts made by the Government to ensure food Security for the population, especially during the Covid Pandemic.

### Indian grandmaster Arjun defeats five time world Chess champion Magnus Carlsen



- On 16th October 2022, 19-year-old Indian grandmaster Arjun Erigaisi defeated the reigning five-time World Chess Champion Magnus Carlsen in round seven of the preliminaries of the Aimchess Rapid online chess tournament.
- This is the first victory of Erigaisi over Norwegian Carlsen. Erigaisi had earlier lost to Carlsen in the Julius Baer Generation Cup final in September.
- Erigaisi, who had gone down to compatriot Vidit Santosh Gujrathi to make a losing start in the event, is currently in fifth place after eight rounds.
- Another Indian D Gukesh is in sixth place with 12 points after mixed fortunes on the second day of the preliminaries.
- The other Indian players in the fray, Gujrathi, Aditya Mittal, and Harikrishna, are in the 10th, 11th, and 15th spots after eight rounds of the 15-round preliminary phase.

### Japan to scrap remarriage restrictions on pregnant women



- Japanese cabinet ministers on Oct 14 approved the scrapping of a law that stipulates women pregnant at the time of a divorce must wait 100 days before marrying again.

- The law, in place for more than a century, does not apply to men and was originally intended as a way to aid the identification of the father who is financially responsible for a newborn baby.
- Critics have campaigned for a withdrawal of the 1896 law – which had banned remarriage for six months until being revised in 2016 – calling it outdated and discriminatory.
- The change will also remove a rule that grants parents the right to “discipline children to whatever necessary extent”.
- Japan consistently ranks low in the World Economic Forum’s annual Global Gender Gap report, which takes political empowerment into account as well as health, education and economic participation.
- In 2022, the country was placed 116th out of 146 ranked.
- Two years ago, the government delayed an almost two-decade-old target for at least 30 per cent of leadership positions in business and politics to be held by women.
- A new five-year plan said efforts would be made to meet the target by 2030 instead of the end of 2020.

### Center approves India’s 1st cable-cum-suspension bridge across Krishna river



- The central government has approved the construction of an iconic cable stayed-cum-suspension bridge across the Krishna river connecting Telangana and Andhra Pradesh and passing through the Nallamala forest range.
- The decision was announced by the union minister for road transport and national highways Nitin Gadkari.
- Gadkari said the iconic bridge will have several unique features like the longest glass pedestrian walkway across a river, gopuram-like pylons, signature lighting and a large navigational span.
- The three-km-long bridge will reduce the distance between Hyderabad and Tirupati by 80 km.
- The bridge begins at Somasila at Kollapur in Telangana’s Nagarkurnool district and Atmakur in Andhra Pradesh’s Kurnool district.
- At present, the people from Telangana are forced to travel for a long distance via Kurnool to reach pilgrim centres like Mahanandi, Ahobilam, Tirupati.
- The only other option is to travel by boat across the river from Somasila to reach these places.

- River travel remains riskier due to the flow of the Krishna river. A boat capsizes incident that took place on this route on January 18, 2007, resulted in the death of nearly 60 people.

### **Union Minister Anurag Singh Thakur to inaugurate Mega Cleanliness Drives under Swachh Bharat 2022 on October 19**



- Youth Affairs and Sports Minister Anurag Singh Thakur will inaugurate Mega Cleanliness Drives under Swachh Bharat 2022 from Chandni Chowk, Delhi tomorrow.
- Similar cleanliness drives will also be undertaken in all villages across the country.
- The aim of this drive is to consolidate the efforts of Swachh Bharat 2022 by the Department of Youth Affairs and its affiliate organizations to further intensify activities for ensuring mass public participation in the Swachh Bharat campaign.
- The month-long nationwide Swachh Bharat 2022 was launched on 1st of this month from Prayagraj, Uttar Pradesh.
- The programme commenced on with the objective of collection of one crore kilogram of waste in the span of one month.
- More than 60 Lakh kilogram of waste has been collected till date

### **12th DefExpo to begin today in Ahmedabad and Gandhinagar, Gujarat**



- The 12th edition of biennial DefExpo will begin in Ahmedabad and Gandhinagar, Gujarat today. Live demonstrations showcasing the equipment and skill set of the Armed Forces, DPSUs and Industry will be held during the five-day event.
- The theme of 12th DefExpo is 'Path to Pride' which is in line with Prime Minister Narendra Modi's vision to transform India into a strong and self-reliant nation by supporting, showcasing and forging partnerships for the Indian Aerospace and Defence manufacturing sectors with Indian as well as global customers, the defence ministry said.

- At DefExpo-2022, the participants will get an opportunity to showcase their equipment and platforms and be able to explore the strengths and capabilities of the expanse of Indian Defence industry for forging business partnerships.
- As part of the DefExpo, live demonstrations by the Army, Navy, Air Force, Coast Guard and DRDO, showcasing land, naval and air procedures, and systems in action will be held in the evening from 4.45 pm daily at Sabarmati River Front.
- The joint live demonstration will include combat freefall, Sarang helo aerobatics, slithering from helo into a boat, high-speed boat runs and neutralising enemy post, the defence ministry said in a statement.

### **President Droupadi Murmu appoints Dr. Justice DY Chandrachud as new Chief Justice of India**



- President Droupadi Murmu has appointed Dr. Justice DY Chandrachud as the new Chief Justice of India.
- In a tweet today, Union Law Minister Kiren Rijiju said, Justice Chandrachud's appointment will come into effect from 9th of next month.
- He will succeed present Chief Justice of India Justice Uday Umesh Lalit.
- Justice DY Chandrachud would be the 50th Chief Justice of India. Born in 1959, Justice Chandrachud was appointed Judge of the Supreme Court of India on 13th May 2016.
- Earlier, he served as Chief Justice of the Allahabad High Court.
- He had completed his LLB from Campus Law Centre from Delhi University and obtained LLM degree and a Doctorate in Juridical Sciences from Harvard Law School in USA.

### **NATO begins annual nuclear exercises in northwestern Europe**



- NATO today began its long-planned annual nuclear exercises in northwestern Europe as tensions

simmer over military action in Ukraine and Russian President Vladimir Putin's threat to use any means to defend Russian territory.

- Fourteen of NATO's 30 member countries were due to take part in the exercises.
- The military alliance said around 60 aircraft including fighter jets and surveillance and refueling planes will take part in the event.
- The bulk of the war games will be held at least 1,000 kilometers from Russia's borders.
- US long-range B-52 bombers will also take part in the maneuvers, dubbed Steadfast Noon, which will run until October 30.
- The North Atlantic Treaty Organization is not permitting any media access.
- NATO said that training flights will take place over Belgium, which is hosting Steadfast Noon this year, as well as over the North Sea and the United Kingdom.
- The exercises involve fighter jets capable of carrying nuclear warheads but do not involve any live bombs.

### **ORS icon Dr Dilip Mahalanabis dies in Kolkata**



- Dr. Dilip Mahalanabis, the epoch-making doctor, who pioneered the use of oral rehydration theory for the treatment of diarrhoeal diseases and the development of Oral Rehydration Solution (ORS) passed away in Kolkata yesterday.
- Dr. Mahalanabis proved the effectiveness of ORS in cholera patients at a refugee camp in Bongaon, West Bengal, during the 1971 War.
- Dr. Mahalanabis was made a member of the WHO's Diarrhoeal Disease Control Programme in 1983 for over five years.

### **Swedish Parliament elects conservative Prime Minister**



- Sweden's parliament elected Moderates leader Ulf Kristersson as the country's new prime minister.
- A total of 176 members of the Riksdag voted in favor of Kristersson, while 173 members voted against him.
- The Sweden Democrats were the big winners in the closely fought September 11 general election.
- They emerged as the second-largest party with a record 20.5 percent of votes, trailing only the Social Democrats, who have dominated Swedish politics since the 1930s.
- The right-wing bloc now has 176 seats in parliament, to their left-wing rivals' 173. Kristersson's four-party alliance unveiled a 62-page roadmap heavily influenced by the far-right agenda.
- It promises major crackdowns on crime and immigration and the construction of new nuclear reactors.

### **Booker Prize 2022: Sri Lankan author Shehan Karunatilaka wins literary award**



- Sri Lankan author, Shehan Karunatilaka has won Britain's Booker Prize 2022 for fiction for his work "The Seven Moons of Maali Almeida", about a journalist murdered amid the country's sectarian strife.
- The judges praised the "ambition of its scope, and the hilarious audacity of its narrative techniques".
- Karunatilaka's second novel, The Seven Moons of Maali Almeida comes more than a decade after his debut, Chinaman, which was published in 2011.
- Neil MacGregor, chair of the judges for this year's prize, said the novel was chosen because "it's a book that takes the reader on a rollercoaster journey through life and death right to what the author describes as the dark heart of the world".

### **Aayan Khan, the youngest player in men's T20 World Cup**



- UAE's Aayan Khan, the 16-year-old all-rounder, is the youngest player to feature in the men's T20 World Cup.
- He was picked in the UAE XI for the team's first match of the T20 World Cup against the Netherlands at the Simonds Stadium in Geelong.
- He impressed in the U19 World Cup earlier this year with 93 and one for 13 in UAE's 82-run win over West Indies.
- Aayan was out for a seven-ball five against the Netherlands. He then bowled three overs for 15 runs and picked a wicket.
- Aayan broke Pakistan pacer Mohammad Amir's record. The left-arm quick played his first T20 World Cup when he was 17 years and 55 days old.
- Notably: Netherlands' Stephan Myburgh, at 38 years and 230 days, is the oldest in the 2022 T20 World Cup.
- Hong Kong's Ryan Campbell played in the 2016 World Cup when he was 44 years and 33 days old.

### **Three-day Kuchipudi dance festival concludes on grand note in Vijayawada**



- The third World Kuchipudi Natyotsavam was organized for three days in Vijayawada.
- The World Kuchipudi Natyotsavam starts on 14th October 2022.
- The Kuchipudi dance festival is being organized in commemoration of the 93rd birth anniversary of world-renowned Kuchipudi dance artist Vempati China Satyam.
- The World Kuchipudi Natyotsavam is being organized by the collaboration of the Department of Culture, Government of Andhra Pradesh, Kuchipudi Art Academy, and Jayaho Bharateeyam.
- More than 3,000 Kuchipudi dancers from Andhra Pradesh and Telangana will take part in the Kuchipudi Dance Festival.
- The Kuchipudi dance students will give 'Maha Brinda Natyam' which is a grand performance on each day.
- Two dances choreographed by China Satyam will be performed by them.
- The two dances are Pedda Vinayaka Kautham and Koluvaiva.

## PM Modi launches Mission DefSpace in Gujarat; says Space technology of India is helping many developing countries



- Prime Minister Narendra Modi begins his 2-day visit to Gujarat. On the first day of the visit, PM launched Mission DefSpace at DEFEXPO 2022 today at Gandhinagar in Gujarat.
- While addressing the DEFEXPO he said this Defence expo is a symbol of new beginnings.
- It is the first Defence expo where only Indian companies are participating with Made in India Defence products.
- Space technology in India is helping many developing countries. SAARC satellite is an example of this.
- Space technology is supporting maritime trade and activities.
- AIR correspondent reports that special incentives are being offered to MSMEs involved in defence production.
- Technologies development fund and iDEX have spurred the R&D in defence sector. National security is the primary priority for the government.
- DefExpo is introducing Indian defence manufacturing capabilities to the world. Here, we are seeing a glimpse of immense future possibilities in the Indian defence manufacturing sector.
- 53 African countries are standing shoulder to shoulder with India. Indian laborers were instrumental in laying the first railway line in Africa.
- Now, increasing Defence cooperation with giving new heights to India-Africa relations.
- The construction of Deesa airfield would improve National security and also provide impetus to the local economy.
- Mission DefSpace would give opportunity to the private sector to show its strength and capabilities.

## India, France re-elected as President and Co-President of International Solar Alliance



- India and France have been re-elected as President and Co-President of the International Solar Alliance (ISA).
- Talking to reporters in New Delhi yesterday, ISA Director General Ajay Mathur said, Union Power and New and Renewable Energy Minister R K Singh has been re-elected as the President of International Solar Alliance.
- He said, France Minister of State for Development Chrysoula Zacharopoulou has been re-elected as Co-President.
- AIR correspondent reports that the four - day International Solar Alliance began this Monday under India's presidentship.
- Participants from 110 countries will share their experiences towards a low-carbon economy through promotion of solar energy.

## Bangladesh: Youth from 70 countries to take part in Global Youth Climate Summit



- Youth from 70 countries will participate in a Global Youth Climate Summit to be inaugurated on Thursday in Khulna, Bangladesh.
- The three day summit between October 20-22 will bring together 650 youth in a hybrid format with 150 youth participating in person and 500 online.
- The youth will explore how they can lead the fight against climate change.
- Elaborating the purpose of the summit, Ejaj Ahmad, the CEO of the Global Youth Leadership Centre (GYLC) which is organising the programme, said that the GYLC is being launched as a global organisation to mobilise youth especially from the Global South to tackle the climate crisis.
- The mission of GYLC is to expand youth's knowledge about climate science, equip them with leadership skills to take individual and collective action, and enable them to launch businesses that

contribute to climate mitigation or adaptation.

- Ejaj Ahmad said that Khulna has been chosen as the inaugural venue of the GYLC as it is one of Bangladesh's most climate vulnerable regions.

### **SARANG – The Festival of India in Republic of Korea' enthralls art, music lovers in South Korea**



- Indian Embassy in Seoul, South Korea organized its much sought-after annual flagship cultural program 'SARANG – The Festival of India in Republic of Korea' which enthralled the South Korean art and music lovers with a fusion of Indian and Korean dance and music in a grand spectacle running over two weeks.
- After a two-year COVID hiatus, South Korean audiences enjoyed captivating performances by Indian and Korean musicians, dancers and artists at the 8th edition of the festival which was held from 30 Sept. – 14 Oct. 2022 at various locations across the country.
- Through this festival, the rich cultural diversity of India is showcased through various art forms including dance, drama, music, films and cuisine to the people of Korea to promote understanding and friendship among the peoples of the two countries.
- The festival which attracted huge and enthusiastic crowd of India lovers, began on September 30 with a curtain raiser at the historical Hwaeom-sa Temple which hosted the Indian Classical Music and Odissi Dance performance.
- The Cultural performances were also held at Gimhae (Oct 1), Busan (Oct 2), Seoul (Oct 4-5), Cheongju (Oct 6), Yeongdong (Oct 7), Nami Island (Oct 8-9) and Incheon (Oct 13-14).

### **Beetle named after Novak Djokovic by Serbian scientists**



- Serbian scientists have named a new species of beetle after the tennis player Novak Djokovic, a Serbian tennis player due to its speed, strength, flexibility, durability and ability to survive in a difficult environment.
- The new species of beetle belongs to the Duvalius genus that is present in Europe. It was discov-

ered several years ago in an underground pit in western Serbia.

- The insect is a specialised underground Coleoptera beetle, a predator which lost its eyes living deep underground.
- The insect, which belongs to the Duvalius genus of ground beetles that are present in Europe, was discovered several years ago in an underground pit in western Serbia.
- It is named Duvalius Dokovici, the Tanjug news agency quoted researcher Nikola Vesovic.
- A new species was a specialised underground Coleoptera beetle, a predator which had lost its eyes living deep underground.

## 22nd World Blockchain Summit begins in Dubai



- World Blockchain Summit in Dubai is taking place on Oct. 17 and 18, 2022 at Atlantis, The Palm.
- It is one of the most elite gatherings of the global crypto and blockchain ecosystem.
- The 22nd global edition of the World Blockchain Summit will bring together some of the world's leading crypto influencers, policymakers, key government delegates, media, family offices, HNIs and other curated investors, among others, to foster the crypto and blockchain community across the globe.
- Blockchain technology is a technology that leads to a chain of blocks, containing digital information stored in a public database.
- It is a distributed database existing on multiple computers at the same time, which constantly grows as new sets of recordings or blocks are added to it.

## Karim Benzema and Alexia Putellas win Ballon d'Or awards



- Real Madrid's Karim Benzema, a professional French footballer, has won the Men's Ballon d'Or (Golden Ball Award) 2022 and becomes the 5th Frenchman to win the prize.
- Barcelona's Alexia Putellas, a Spanish professional footballer, has won the Women's Ballon d'Or

award or Ballon d'Or Féminin Award for the 2nd time.

- The 66th edition of the Ballon d'Or Ceremony (2022) was held on 17th October 2022 at the Théâtre du Châtelet.
- Paris, France. Karim Benzema becomes only the 2nd player aside from Lionel Messi and Cristiano Ronaldo to win the award since 2008.
- Notably: The most number of Ballon d'Or was received by Lionel Messi. He tops the list with 7 awards followed by Cristiano Ronaldo with 5 awards.

### **PM Modi holds meeting with UN Secretary-General Antonio Guterres; will launch Mission LiFE in Kevadiya in Kevadiya**



- On the second day of his Gujarat visit, Prime Minister Narendra Modi held a meeting with UN Secretary-General, H.E. Mr. Antonio Guterres today at Kevadiya.
- The PM will shortly launch the Mission LiFE in Kevadiya. Mission Lifestyle for Environment will be the India-led global mass movement toward protecting and preserving the environment.
- Later, PM will also address the 10th Heads of Missions Conference, being organized by the Ministry of External Affairs at Kevadiya.
- The three-day Conference will bring together more than 100 Heads of Indian Missions including Ambassadors and High Commissioners from all over the world.
- Various issues pertaining to the contemporary geo-political & geo-economic environment, and connectivity will be discussed at the conference.

### **Union Minister Dharmendra Pradhan launches draft of National Credit Framework for public consultation**



- Union Minister of Education Dharmendra Pradhan has launched the draft of National Credit Framework (NCF) for public consultation.

- The Government has developed it to enable the integration of academic and vocational domains to ensure flexibility and mobility between them.
- The Framework would be a game changer by opening numerous options for further progression of students and inter-mingling of school and higher education with vocational education and experiential learning.
- It will also enable students who have dropped out of mainstream education to re-enter the education ecosystem.
- Speaking on the occasion in New Delhi yesterday, Mr Pradhan said that National Credit Framework is a next-generation, multidimensional instrument under National Education Policy, 2020.
- He said, that National Credit Framework is an umbrella framework for skilling, re-skilling, up-skilling, accreditation, and evaluation encompassing our people in educational & skilling institutions and workforce.

### India to bring in new National Tourism Policy to attract foreign and domestic tourism



- The government will bring a new National Tourism Policy 2022 to promote tourism in the country.
- Addressing the National Conference on Tourist Police Scheme in New Delhi today, Tourism Minister G. Kishan Reddy said that the policy will be launched before the upcoming budget session.
- He said, Tourism sector will play a major role in making India a developed nation by 2047.
- Speaking on the occasion, Lok Sabha Speaker Om Birla said, India can become best destination for tourism in the world by providing safe and secure environment to tourist.
- He said, India is blessed with natural resources, heritage and adventure.
- AIR correspondent reports that the agenda of the Conference is implementation of uniform Tourist Police Scheme at pan-India level for developing the tourist specific policing.

## Mallikharjuna Kharge elected President of Congress



- Senior Congress leader Mallikarjun Kharge today elected as the new party chief. He defeated former Union Minister Shashi Tharoor.
- Announcing the results in New Delhi, Chairman of the party's Central Election Authority, Madhusudan Mistry said, Mr. Kharge scored 7,897 votes while Shashi Tharoor got 1,072.
- The polling for election of new Congress president was held two days back. Mr. Kharge will be the first Congress President in 24 years who does not belong to the Nehru-Gandhi family.
- Prime Minister Narendra Modi has extended his best wishes to newly elected Congress President Mallikarjun Kharge.
- In a tweet today, Mr. Modi wished that Mr. Kharge may have a fruitful tenure ahead.

## 14th Tribal Youth Exchange Programme held in New Delhi



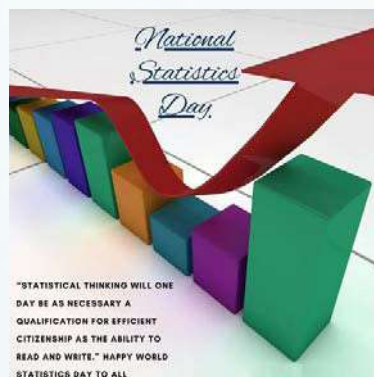
- Ministry of Youth Affairs and Sports in collaboration with Ministry of Home Affairs today organised 14th Tribal Youth Exchange Programme for the development of Tribal Youth in New Delhi.
- The aim of the programme is to sensitize tribal youth to rich cultural heritage of the country and to enable them to appreciate the concept of unity in diversity.
- Its objective is also to expose them to development activities and industrial advancement and help the tribal youth to develop emotional linkages with their peer groups in other parts of the country and enhance their self-esteem.
- 220 selected youth in the age group of 18 to 22 years are participating in the programme from Left Wing Extremism-affected districts of Sukma and Rajnandgaon of Chhattisgarh, Balaghat district of Madhya Pradesh and Jamui of Bihar.
- The duration of each Tribal Youth exchange Programme is of 7 days.

## ISSF World Championship: Ramita Jindal crowned world champion in 10 meter Air Rifle Women Junior event in Cairo



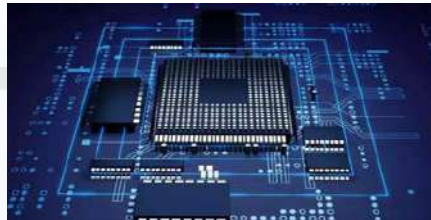
- India's Ramita Jindal was crowned world champion in the 10-meter Air Rifle Women Junior event at the International Shooting Sport Federation, ISSF World Championship Rifle/Pistol in Cairo, Egypt yesterday.
- She defeated China's Ying Shen 16-12. Ramita was tied 12-12 in the gold medal clash against Ying but finished off with two strong shots of 10.8 and 10.7 to clinch the crown in the junior version of the Olympic event.
- She was fourth in qualification with 629.6 but topped the ranking round with a 262.8 to make it to the gold medal match.
- Tilottama Sen won a second medal for India at the event, a bronze, after she shot 261.0 in the ranking round to finish third.
- Indian girls also swept the 50-meter Pistol Women Junior event after Divanshi topped the field with a score of 547, Varsha Singh came second with 539 and Tiyaana was third with 523.
- The fourth place was also captured by India as Khushi Kapoor shot 521.
- Rhythm Sangwan won a silver in the 25m Standard Pistol Women, shooting 573 to finish behind China's Xiao Jiaruixuan who shot 575.
- A second silver came via Abhinav Choudhary who shot 546 in the 50-meter Pistol Men Junior event to go down narrowly to Korea's Song Seungho.

## World Statistics Day 2022



- World Statistics Day 2022 is celebrated annually on October 20th to recognize the importance of statistics in our daily lives.
- The United Nations Statistical Commission has been at the forefront of advocating for the use of statistics to track progress towards the Sustainable Development Goals (SDGs).
- Good data and statistics are essential for effective planning, monitoring and evaluation of progress towards the SDGs.
- The theme of Statistics Day, 2022 is “Data for Sustainable Development”.

### **SemiconIndia Future Design Roadshow : An initiative for boosting the Semiconductor industry**



- 1st SemiconIndia Future Design roadshow launched: Rajeev Chandrasekhar, state minister for electronics and IT for the Union, officially kicked off the first SemiconIndia FutureDesign roadshow in Gujarat.
- Speaking at the event, Chandrasekhar stated that the roadshows were organized with the intention of encouraging startups, next-generation innovators, and business titans to invest in semiconductor design.
- As envisioned by Prime Minister Narendra Modi, it will contribute to the development of a strong semiconductor ecosystem in the nation.
- At the occasion, the minister also unveiled the ISRO-tested and approved NavIC Receiver Chipsets.
- They are prepared for commercial market deployment.
- The government wants to get as many young Indians interested in and involved in the Semicon India trip by bringing the programme to every student and every campus.

### **ISRO plans to send Indian astronauts into space by 2024**



- Indian Space Research Organisation (ISRO) plans to launch Chandrayaan-3, its third mission to the moon, in June next year.
- Interacting with media personnel on the sidelines of an event in Delhi, ISRO Chairman S. Somnath said C-3 is ready now.
- ISRO has made Launch Vehicle Mark-3 (LVM3) more robust so that it does not have any problems.
- He added the space agency has also lined up the first test flight of the 'abort mission' for Gaganyaan, the country's first human spaceflight, early next year.
- Mr. Somnath said, ISRO also plans to fly Indian astronauts into orbit by the end of 2024 after carrying out successful abort missions and uncrewed test flights.

### **Union Education Ministry to organise 'Kashi Tamil Sangamam' month-long programme from November 16**



- Union Education Ministry will organise 'Kashi Tamil Sangamam' - a month-long programme from 16th of next month - to rediscover the centuries-old bond of knowledge and ancient civilizations linkage between Varanasi and Tamilnadu.
- Addressing media about this programme in New Delhi, Education Minister Dharmendra Pradhan informed that over 2400 tamil people in 12 groups from diverse sections of society, including academics, spiritualism, philosophy, trade and commerce, agriculture, entrepreneurship, arts and artisanship will visit Kashi for eight days to get familiarised with the ancient knowledge shared by these two ancient cities.
- Mr Pradhan said, these people will come from Rameshwaram, Chennai and Coimbatore through train.
- He said, seminars discussions and lectures will be held during the programme.
- On this occasion, Mr Pradhan also launched a website for the registration process for this month-long event.

## UK Prime Minister Liz Truss resigns after less than seven weeks in Downing Street



- UK Prime Minister Liz Truss resigned from the post just six weeks after her appointment. Speaking outside the door of her Number 10 Downing Street office today, Truss accepted that she could not deliver the promises she made when she was running for Conservative leader, having lost the faith of her party.
- She said there will be a Conservative leadership election to be completed within the next week.
- Earlier in the day, Conservative Party officials had gathered at Downing Street while a growing number of her own lawmakers called on her to quit.
- Ms Truss becomes the shortest-serving prime minister in British history, just for 45 days. George Canning previously held the record, serving 119 days in 1827 when he died.
- Appointed on the 6th of last month, forty-seven-year-old Truss was forced to sack her Finance Minister and closest political ally, Kwasi Kwarteng, and abandon almost all her economic programme after their plans for vast unfunded tax cuts crashed the pound and British bonds.
- Truss's premiership came under renewed pressure after the Home Secretary resigned and a chaotic vote on fracking.
- There was fury yesterday around the vote and the methods used to get MPs to vote with the government.

## T20 World Cup: Two-time champions West Indies knocked out with 9-wicket loss to Ireland



- In cricket, two-time champions West Indies were knocked out of T20 World Cup after losing to Ireland in their final Group B clash of the ongoing tournament today.
- Ireland defeated West Indies by 9 wickets in the game at Bellerive Oval in Hobart.

- Chasing 147 runs, Ireland reached home in 17.3 overs. Paul Stirling's 66 not out and Lorcan Tucker's unbeaten 45 made the chase easy for Ireland.
- Earlier, Brandon King played an unbeaten knock of 62 runs as West Indies posted 146 for 5 in 20 overs.
- For Ireland, Gareth Delany returned with three wickets.
- Windies skipper Nicholas Pooran had won the toss and opted to bat first.

### **Sankarasubramanian named Principal Scientist of ISRO's Aditya-L1 mission**



- The Indian Space Research Organisation has designated Dr. Sankarasubramanian K as the Principal Scientist of the Aditya-L1 mission.
- Aditya-L1 is the first observatory-class space-based solar mission from India.
- Sankarasubramanian has contributed to AstroSat, Chandrayaan-1 and Chandrayaan-2 missions of ISRO in several capacities.
- Aditya-L1 is the first observatory-class space-based solar mission from India.
- The spacecraft will be placed in a halo orbit around the first Lagrange point, L1, of the Sun-Earth system.
- A satellite around the L1 point has the major advantage of continuously viewing the Sun without occultation/eclipses.
- This position provides a greater advantage of observing solar activities continuously.
- Aditya-L1 carries seven payloads to observe the photosphere, chromosphere, and the outermost layers of the Sun (the corona) using electromagnetic and particle detectors.
- Four payloads directly view the Sun from the unique vantage point of L1, and the remaining three payloads carry out in-situ studies of particles and fields at the Lagrange point L1.

## PhonePe launches green data center with Dell Technologies and NTT



- PhonePe, a homegrown fintech platform, announced the launch of its first green data centre in India, leveraging technologies and solutions from Dell Technologies and NTT.
- The facility opens up new opportunities in data management for PhonePe, with efficient data security, power efficiency, ease of operations, and cloud solutions.
- The centre will also help the company to build sustainable and efficient infrastructure to scale its operations across the country further seamlessly.
- The Green Data Center is set to open up new opportunities in data management for PhonePe, with efficient data security, power efficiency, ease of operations, and cloud solutions.
- The center will also help the company to build sustainable and efficient infrastructure to further seamlessly scale its operations across the country.

## India Ranks 41st Among 44 Nations In Pension Index



- As compared to 40th out of 43 countries in 2021, India ranked 41 out of 44 countries in the Mercer CFS Global Pension Index.
- The MCGPI is a comprehensive study of 44 global pension systems, accounting for 65 percent of the world's population.
- The survey pointed out that the country needs to strengthen its regulatory framework and boost the coverage under private pension arrangements.
- "In the absence of social security coverage in the country, the adequacy and sustainability sub-indices can be improved significantly by boosting coverage under private pension arrangements," the report based on the survey said.
- Mercer CFS Global Pension Index studies 44 countries that account for 65 per cent of the world's population.
- The index value was up from 2021 but below that in 2020. In 2020, India ranked 34 out of 39 countries with a value of 45.7. In 2022, the index value was 44.4.

## **FATF removes Pakistan from 'grey list' after four years**



- The financial Action Task Force (FATF) has removed Pakistan from its grey list after four years.
- This inglorious greylisting has adversely impacted Pakistan's imports, exports, and remittances and limited its access to international lending.
- Pakistan has been on the Paris-based watchdog's grey list for deficiencies in its counter-terror financing and anti-money laundering regimes since June 2018.
- The global watchdog on terror financing and money laundering has said that Islamabad will continue to work with the Asia/Pacific Group on Money Laundering to further improve its anti-money laundering and counter-terrorist financing system.
- It has also welcomed Pakistan's significant progress in improving its anti-money laundering and counter-terrorist financing regime.
- The decision was taken by the FATF in its plenary held in Paris yesterday.

## **HCL's Shiv Nadar India's most generous: Hurun India; Premji slips to second spot**



- HCL founder Shiv Nadar topped as the most generous person in the country with an annual donation of Rs 1,161 crore, the EdelGive Hurun India Philanthropy List 2022 revealed.
- Nadar, 77, has reclaimed the 'India's most generous' title with a donation of Rs 3 crore per day, according to the report.
- Wipro's Azim Premji, 77, slipped to the second position with an annual donation of Rs 484 crore after ruling at the top position for the last two consecutive years, it said.
- India's richest man Gautam Adani, 60, ranked seventh in Edelgive Hurun India Philanthropy List

2022, with a donation of Rs 190 crore.

### **Tripura CM opens state's 1st English-medium govt college**



- Chief Minister of Tripura Dr. Manik Saha along with Education Minister Ratan Lal Nath inaugurated the first English medium general degree college of the state in the city having 100 intake capacity.
- The first five basic subjects of the arts stream include compulsory Bengali and English.
- Tripura government has built the general degree college at a budget of Rs 1 crore by renovating an old Teaching College.
- The state government aims to make the state an education hub with the inauguration of its first English medium government college.
- A large number of schools at each of the revenue blocks have been converted into an English medium government institution with all modern educational tools.
- The exact syllabus of CBSE has been introduced in the schools which are followed by recruiting a large number of trained teachers and training up to over 40,000 existing teachers.
- The government has also introduced several programs to plug the dropout rates of Tripura with the help of new initiatives.

### **Delhi L-G V K Saxena approves setting up Four Zila Sainik boards for ex-servicemen**



- Lieutenant Governor Vinai Kumar Saxena approved the setting up of four Zila Sainik Boards (ZSBs) which are responsible for policy formulation and implementation of resettlement and welfare schemes for ex-servicemen (ESM) and their widows.
- The four ZSBs are to cater to the South-west, East, Shahdara, North-west, Central, and New Delhi districts. The move will help up to 77,000 ex-servicemen, their widows, and dependents.
- The decision of setting up Zila Sainik Boards came from the 2018 report of a high-level committee established by the Central Government.

- The report recommended the setting up of ZSBs by the state government of the population of ESMs and their families is more than 7,500.
- It was decided to establish four ZSBs in Delhi with a budget of ₹16.69 crores, 60% of which will be borne by the Central Government.
- In 2019, the in-principal approval was given, and the Arvind Kejriwal-led state government decided on the same.

#### Sanjay Malhotra to take over as next revenue secretary



- The government on Wednesday appointed financial services secretary Sanjay Malhotra, a 1990-batch Indian Administrative Service officer of Rajasthan cadre as officer on special duty (OSD) in the revenue department.
- He will become the revenue secretary after incumbent Tarun Bajaj retires on November 30, according to an official order.
- Tarun Bajaj currently has additional charge of secretary corporate affairs ministry.
- Vivek Joshi, 1989 batch IAS officer of the Haryana cadre, will take over as secretary in the Department of Financial Services. He is currently Registrar General of India and Census Commissioner, Ministry of Home Affairs.
- Nagendra Nath Sinha, 1987 batch IAS officer of Jharkhand cadre, currently serving as secretary in the Department of Rural Development, will be the new steel secretary on the superannuation of Sanjay Kumar Singh.
- Shailesh Kumar Singh, 1991 batch IAS of Jharkhand cadre, will take over as secretary in the Department of Rural Development.
- Kamran Rizvi, 1991 batch IAS of UP cadre, will be the new secretary in the Ministry of Heavy Industries.

## LVM3 launch to mark ISRO's entry into global commercial launch service market



- The heaviest rocket LVM3 of the Indian Space Research Organization (ISRO) will launch 36 satellites of British start-up OneWeb Broadband Communication Satellites from the spaceport in Andhra Pradesh's Sriharikota on October 23, 2022.
- It will mark the the launcher's entry into the global commercial launch service market.
- This contract with M/s OneWeb is a historic milestone for NSIL and ISRO, as LVM3 is making its entry into the Global commercial launch service market. As part of the Contract, 36 satellites will be placed into orbit by one LVM3, from Satish Dhawan Space Centre," ISRO had said.
- "Cryo stage, equipment bay (EB) assembly completed. Satellites are encapsulated and assembled in the vehicle. Final vehicle checks are in progress," it said.

## Competition Commission of India imposes Rs 936 Crore penalty on Google for abuse of dominant position



- The Competition Commission of India (CCI) has imposed more than nine hundred 36 crore rupees penalty on Google in yet another antitrust probe for anti-competitive practices in relation to its Play Store policies. The Commission also directed Google to modify its conduct within a defined timeline.
- The CCI has found the US tech giant guilty of abusing its market position to promote its payments app and in-app payment system. It said, Google forced app developers to use its in-app payment system. It further said Google should not restrict app developers from using any third-party billing or payment processing services, either for in app purchases or for purchasing apps. The Commission has directed Google to cease and desist from indulging in anti-competitive practices.
- The CCI had imposed a penalty of over one thousand 337 crore rupees on Google for abusing its dominant position in multiple markets on the 20th of this month.

## Swachhta Campaign 2.0: Focus on cleanliness and reducing pendency in Govt department



- over 254 crore rupees has been earned from the disposal of the scrap and more than 37 lakh square feet of space has been freed which was occupied by dump and junk items. Dr Singh also said that under the campaign, over 3 lakh Public grievances have been redressed and 588 rules were eased.
- Special Swachhta Campaign 2.0 on 2nd October, with a focus on Swachhata including disposal of scrap and reducing pendency in the government's Department of Administrative Reforms and Public Grievances (DARPG) office.
- under the Special Campaign 2.0, so far around 18 thousand post offices have been covered including those located in border and Left Wing Extremism affected areas.
- special Campaign 2.0 has been implemented in remote outstation offices, foreign missions attached and subordinate offices, besides citizen-centric swachhata initiatives. The Campaign has witnessed widespread participation from thousands of officials and citizens who came together create a movement for Swachhata in Government Offices.

## National Intellectual Property Award won by IIT Madras for 2021 and 2022



- The annual award, from the Ministry of Commerce and Industry, recognises achievers, including individuals, institutions, organisations and enterprises for their IP creations and commercialisation.
- The Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, had instituted the award. The criteria for evaluation was patent applications, grants and commercialisation. Piyush Goyal, Union Minister for Commerce and Industry, presented the award.
- These awards are conferred annually to recognise and reward the top achievers comprising individuals, institutions, organisations and enterprises, for their Intellectual Property (IP) creations and commercialisation, which have contributed towards strengthening the IP ecosystem in the country and in encouraging creativity and innovation.

## Trees beyond forests programme launched in Assam



- The Assam government and the US Agency for International Development (USAID) on Tuesday launched the “trees outside forests in India (TOFI)” programme for bringing farmers, companies, and private institutions together to expand the tree coverage outside of traditional forests in the State.
- The new programme seeks to enhance carbon sequestration, support local communities, and strengthen the climate resilience of agriculture, thereby supporting global climate change mitigation and adaptation goals.
- Forest officials said Assam had placed high priority on expanding the tree cover outside forest areas, as demonstrated in the State Action Plan on Climate Change and recent establishment of the Assam Agroforestry Development Board (AADB).
- The objective is to increase the tree coverage outside traditional forests by 2.8 million hectares, contributing to India’s nationally determined contribution target of creating an additional “carbon sink” of 2.5-3 billion tonnes of carbon dioxide equivalent by 2030.

## Formula-1 Racing: Max Verstappen wins action-packed US Grand Prix 2022



- Belgium's Max Verstappen of Red Bull Racing won the 2022 Formula 1 Aramco United States Grand Prix 2022 which was held at the Circuit of the Americas in Austin, Texas, United States (US).
- He equalled Germany's Sebastian Vettel and Michael Schumacher's record of 13 wins in a Formula 1 season. He defeated the UK's Lewis Hamilton of Mercedes. Hamilton had to settle for second place, with Mercedes' wait for a 2022 victory continuing, while Charles Leclerc salvaged a podium finish for Ferrari as the Italian team mathematically dropped out of contention for the constructors' crown.
- The US Grand Prix 2022 was the 19th round of the 2022 Formula One World Championship

## Cyclone Sitrang helped strengthen winds, aided dispersal of air pollution



- Cyclone Sitrang crossed the Bangladesh coast as a cyclonic storm with a maximum sustained wind speed of 80-90 kmph gusting to 100 kmph
- Cyclone Sitrang, which crossed the Bangladesh coast on Monday, helped strengthen winds over northwest India and aided the dispersal of air pollution due to Diwali festivities and from other sources such as crop stubble fires.
- India Meteorological Department (IMD) director general M Mohapatra said a trough in the westerlies (elongated region of relatively low atmospheric pressure, often associated with weather systems) also caused the remnant of the cyclone to move in a north-northeasterly direction. He added whenever a cyclone passes, north-westerly winds also pick up as the cyclone pulls winds towards the system.
- Cyclone Sitrang crossed the coast as a cyclonic storm with a maximum sustained wind speed of 80-90 kmph gusting to 100 kmph and continued to move north-northeastwards and weakened into a

deep depression in the early hours of Tuesday. It weakened further into a depression and a well-marked low-pressure area over Bangladesh and adjoining Meghalaya. Meghalaya and Arunachal Pradesh recorded heavy rainfall on Tuesday.

### 7th Ayurveda Day 2022 observed on 23rd October



- National Ayurveda Day is observed on the occasion of Dhanwantari Jayanti (Dhanteras) every year since 2016. The 7th National Ayurveda day this year will be celebrated on October 23, 2022. It aims to introduce Ayurvedic principles of healing to the younger generation and to establish awareness among them.
- The main event will be held at Vigyan Bhawan, in New Delhi and various programs will be organized across the country with support of other ministries as a whole government approach. This year Indian missions/Embassies will also organize programs in their respective countries.

#### **WORLD AYURVEDA DAY 2022: THEME**

- This year, India will celebrate Ayurveda Day under the theme of “Har Din Har Ghar Ayurveda”.

#### **WHAT IS AYURVEDA?**

- Ayurveda has long been recognised as one of the most ancient and well-documented systems of medicine and is equally relevant today. Whether it is treating a healthy individual or one who is sick, it offers a distinctive holistic approach. Prevention of disease and promotion of health is the main aim of Ayurveda.

#### **WHY IS AYURVEDA DAY CELEBRATED ON DHANTERAS?**

- The Union Ministry of Ayush initiated the practice of observing Ayurveda Day, which falls on Dhanwantri Jayanti. The Vedas and Puranas depict Lord Dhanwantari as the physician of the Gods and the God of Ayurveda. This is why the birth anniversary of the God of Ayurveda is observed as “National Ayurveda Day” by the Ministry of AYUSH.

## Indian Army celebrates 76 infantry day today



- The Indian Army is celebrating the 76th Infantry day today. Defense Minister Rajnath Singh has greeted and extended warm wishes to the brave Infantrymen of this occasion.
- Indian infantry has been associated with utmost courage and professionalism and the nation salutes their bravery, sacrifice and service.
- Chief of Defense Staff General Anil Chauhan laid a wreath and paid tributes at the National War Memorial in New Delhi on the occasion.
- Army Chief General Manoj Pande also conveyed his best wishes to all ranks, veterans, veer naris and families of the Infantry.
- Talking exclusively to All India Radio, Director General Infantry, Lieutenant General A K Samantara said the
- Infantry is always combat ready to deal with any situation.
- The Lt General said, the Infantry is equipping itself with new technologies and capabilities to tackle future challenges.
- Infantry day is celebrated to mark the day when the infantry of the Indian army, led by 1st battalion of the Sikh Regiment, made its way into the Srinagar airfield in Jammu and Kashmir in 1947.

## Two more Indian Beaches enter the coveted list of Blue Beaches, says Environment Ministry



- The Ministry of Environment, Forest and Climate Change said that two more Indian Beaches have entered the coveted list of Blue Beaches.
- After this, India now has 12 Blue Flag beaches, an eco-label given to the cleanest beaches in the world.
- Announcing the proud moment in a tweet today, Minister for Environment, Forest and Climate

Change Bhupender Yadav expressed happiness and congratulated **countrymen**.

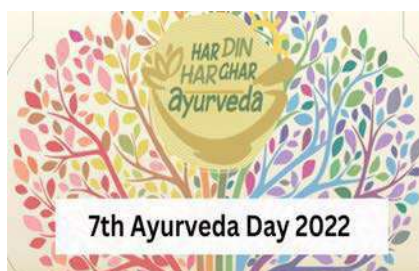
- He stated that it is a part of the country's relentless journey towards building a sustainable environment led by Prime Minister Narendra Modi.
- He said that Blue Beaches give a sense of pride to the community and attract tourism.

### **Partial Solar eclipse witnessed in many parts of the country**



- India and a few other places in the world today witnessed a partial solar eclipse.
- A partial solar eclipse is an eclipse in which the Moon does not cover the Sun completely.
- This makes the visible part of the Sun appear as crescent-shaped.
- Except in some parts of the northeast region, the event was seen in most parts of the country.
- The solar eclipse began before sunset in the afternoon and was visible from 4:29 pm. The event continued with the sunset at 5:42 PM.
- The cities where the partial solar eclipse was witnessed for longer than an hour include Dwarka, New Delhi, Mumbai,
- Ahmedabad, Surat, Pune, Jaipur, Indore, Thane, Bhopal, Ludhiana, Agra, Chandigarh, Ujjain, Mathura, Porbandar, Gandhinagar, Silvassa, Surat, and Panaji.
- The eclipse was visible in the region covering Europe, the Middle East, north-eastern parts of Africa, western Asia, the North Atlantic Ocean and the North Indian Ocean.

### **7th Ayurveda Day being celebrated worldwide today**



- The 7th Ayurveda Day will be celebrated worldwide today at a grand scale. Dhanawantari Jayanti is being celebrated as Ayurveda Day since 2016 to promote the country's most ancient and well-documented system of medicine.
- The main event will be held in New Delhi and various programs will be organized across the coun-

try.

- This year Indian missions and Embassies will also organize programs in their respective countries.
- This year's Ayurveda Day is being celebrated with the
- theme - 'Har Din Har Ghar Ayurveda', to propagate benefits of Ayurveda to larger and grass root community.
- Prime Minister Narendra Modi has said, in recent years, India's traditional medicines and Yoga have drawn global attention.
- He also shared his recent speech at the Global Ayush Summit -2022 at Gandhinagar, Gujarat.

### **Cyclone Sitrang likely to trigger rainfall in Northeast, West Bengal and Odisha**



- Cyclone Sitrang, which is heading towards Bangladesh, is likely to trigger rainfall in Northeast, West Bengal and Odisha.
- India Meteorological Department has predicted that the cyclone will cross Bangladesh's coast between Tinkona Island and Sandwip around Tuesday morning.
- Its impact will be felt in Odisha and West Bengal. Both states will see moderate to heavy rainfall beginning on Sunday.
- The Northeast region is also likely to experience moderate rains during Diwali. Tripura and various other state governments in the northeastern region have asked the district and disaster management authorities to make advance precautionary measures to deal with the cyclonic situations.
- Since sea conditions will be rough, fishermen have been advised not to venture into sea along and off Odisha, West Bengal and Bangladesh coasts till Wednesday.
- National Crisis Management Committee (NCMC) on Friday reviewed the preparedness of central and state agencies.
- National Disaster Response Force (NDRF) has made its teams available to the states.

Rescue and relief teams of the Army and Navy along with ships and aircraft have also been kept on standby.

## New UK PM Rishi Sunak reshuffles his Cabinet; Retains Jeremy Hunt as Chancellor of Exchequer



- New UK Prime Minister Rishi Sunak reshuffled his Cabinet, retaining Jeremy Hunt as Chancellor, and Ben Wallace as Defense Secretary while appointing Dominic Raab as **Deputy Prime Minister and Suella Braverman as Home Secretary**.
- Conservative Party tweeted that Jeremy Hunt was re-appointed as UK's Chancellor of the Exchequer.
- Hunt was appointed chancellor by former prime minister Liz Truss 11 days ago, after turmoil in the financial markets following the mini-budget and its platform of unfunded tax cuts. Dominic Raab has been appointed as Deputy Prime Minister and Justice Secretary.
- Ben Wallace has been re-appointed as Defence Secretary by Sunak. Wallace was appointed Defence Secretary in July 2019 and retained his post in Liz Truss' government.
- Suella Braverman has been re-appointed as Home Secretary, less than a week after she resigned from the same role in Truss' cabinet.
- Braverman is back as the person responsible for overseeing UK borders, policing and counter-terrorism.
- Penny Mordaunt has been re-appointed as leader of the House of Commons. She will also assume the role of Lord President of the Council again, as the presiding officer of the Privy Council. Gillian Keegan has been appointed secretary of state for education.

## World Day for Audiovisual Heritage being celebrated today



- World Day for Audiovisual Heritage (WDAH) is celebrated on October 27 every year to highlight and promote the importance of recorded images, motion pictures and sounds which give us insights into people's lives, cultures, languages, communities and the global flora and fauna.
- Such documents are vital as a source of knowledge for humanity and help preserve cultural and social diversity.
- Conservation of these documents ensures present and future generations get access to them and helps preserve our collective memories.

- “Enlisting documentary heritage to promote inclusive, just and peaceful societies” is the theme for world day for audiovisual heritage this year.
- On October 27, 1980, the recommendation for the safeguarding and preservation of Moving Images was adopted in the 21st General Conference of the United Nations Educational, Scientific and Cultural Organization, UNESCO at Belgrade, Serbia.
- This adoption occurred as a result of the efforts of the International Federation of Film Archives (FIAF) since the late 1970s.

### **Ladakh MP Jamyang Tsering Namgyal launches “Main Bhi Subhash” campaign from Leh**



- Ladakh MP Jamyang Tsering Namgyal launched the ‘Main Bhi Subhash’ campaign from Leh.
- The ‘Main Bhi Subhash’ campaign is a series of events which is organized by the Netaji Subhash Chandra Bose INA Trust in collaboration with the Ministry of Culture.
- The ‘Main Bhi Subhash’ campaign is going to be organized on the occasion of the 125th Birth Anniversary of Netaji on 23rd January next year.
- The ‘Main Bhi Subhash’ campaign begins in Mumbai and Kolkata.
- Mr. Namgyal inaugurated an exhibition on Netaji at Boys Higher Secondary school in Leh.
- The ‘Main Bhi Subhash’ campaign aims to create awareness of Netaji’s contribution to the freedom fight.
- The On Road Exhibition Vehicle on Netaji Subhash Chandra Bose reached Kargil.
- The Exhibition ‘Main Bhi Subhash’ was held at the Government Polytechnic College Kargil and Tata Mobile Stand Kargil.

### **BSE launches Electronic Gold Receipts**



- BSE, or the Bombay Stock Exchange, launched Electronic Gold Receipt (EGR) on its platform on 24 October 2022.
- It introduced two new products of 995 and 999 purity during the Muhurat trading on Diwali.
- Trading will be in multiples of 1 gram and deliveries in multiples of 10 gram and 100 gram.
- The EGR market will remain open from 9:00 am to 9.30 pm. It will have T+1 settlement.
- EGR allows efficient price discovery and standardization of gold, transparency in gold transactions, promotion of India Good Delivery Standard and settlement guarantee to the Investors.
- India is the second largest consumer of gold globally, with annual gold demand of approximately 800-900 tones, and holds an important position in the global markets.
- Despite being second only to China, in consumption of gold, India has remained only as a price-taker in the global markets.
- To address the issue, Government of India have authorized the introduction of a gold exchange where the metal will be traded in Electronic Gold Receipts (EGR) form on Indian exchanges (BSE, NSE etc.).

### **Delhi's Indira Gandhi International Airport is world's 10th busiest airport**



- According to Official Airline Guide (OAG) report, the Indira Gandhi International Airport in Delhi is the 10th busiest airport in the world in terms of seat capacity and frequency of domestic and international flights as of October 2022.
- According to OAG, there were 34,13,855 seats at the Delhi airport, popularly known as the Indira Gandhi International Airport (IGIA).
- In its research, aviation analytics company OAG said the Delhi airport improved from its 14th position in October 2019, before the pandemic struck.
- The Indian aviation sector is recovering after being significantly impacted by the coronavirus pandemic that also saw scheduled international flight services remaining suspended for more than two years starting from March 2020.
- The busiest airport in the world as of October 2022 is Hartsfield-Jackson Atlanta International Airport having serviced 47,47,367 seats.
- Dubai International is second with 41,27,704 seats, followed by Tokyo International Airport with 38,77,164 seats and Dallas Dallas/Fort Worth International Airport with 37,53,858 seats.

## **Zee-Sony merger: Groups agree to sell 3 Hindi channels to address anti-competition concerns**



- Sony and Zee media groups have voluntarily agreed to sell their three Hindi Channels- Big Magic, Zee Action, and Zee Classic to address possible anti-competition concerns arising out of their proposed mega-merger deal.
- Sony and Zee have submitted their proposals to the Competition Commission of India (CCI).
- They have issued a 58-page long detailed order which informs that the two groups have agreed to divest Big Magic, which is a Hindi general entertainment channel, as well as Zee Action and Zee Classic.
- The two media groups, Sony and Zee, have voluntarily agreed to the modification to the proposed deals after CCI's prima-facie opinion.
- Deals beyond a certain threshold require the approval of CCI, which seeks to ensure fair competition in the marketplace.
- CCI cleared the proposed Sony-Zee merger deal, which was announced in September.
- The regulator has also mandated various requirements to be fulfilled by the purchaser concerned before buying the three channels.
- One condition is that the purchaser should not be "Star India Private Limited or Viacom18 Media Private Limited".

## **Elon Musk Fires Twitter CEO Parag Agrawal, An Executive "Escorted Out"**



- Elon Musk Fires Twitter CEO Parag Agrawal: Elon Musk finally completed his \$44 billion acquisition of Twitter Inc., after six months of public and legal battle over the purchase.
- Placing the world's richest man in charge of the faltering social network. One of Musk's first actions was to replace the leadership.
- Redundancies include Twitter CEO Parag Agrawal, director of legal, policy, and trust Vijaya Gadde, chief financial officer Ned Segal, who joined Twitter in 2017, and general counsel Sean Edgett, who has served as Twitter's general counsel since 2012.

- According to two of the people who requested anonymity because the details are private, Edgett was led out of the building.
- Long before Musk took over, it was obvious that Agrawal probably wouldn't stay in command.
- Twitter will now be a private corporation and shareholders will receive \$54.20 per share.
- The conclusion brings to an end a complicated process that started in January with the Elon Musk quietly building up a sizable investment in the business, his mounting displeasure with the way it's handled, and an eventual merger agreement that he later spent months trying to undo.
- On October 4, Musk decided to move forward with the terms he had first suggested, and a Delaware Chancery Court judge granted the two parties until October 28 to complete the transaction.

### Dehradun to host national meet on integration of traditional science with modern tech



- The "Akash for Life" a 3-day space conference will showcase the blending of traditional and modern knowledge through an extended integration of all schools of thought.
- The decision was taken by the Union Minister of State (Independent Charge) Science and Technology, Minister of State (Independent Charge) Earth Sciences, MoS PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, and Dr. Jitendra Singh.
- The event is scheduled to be held at Dehradun from 5th November to 7th November 2022.
- Prime Minister Narendra Modi has called for the integration of science and technological development within society in a way that places science in a position to address the needs of the common citizen.
- The curtain raiser event was felicitated by Principal Scientific Advisor, Prof Ajay Kumar Sood, Chairman ISRO, S.Somnath, Secretary Science & Technology, Dr. S Chandrashekhhar, Secretary, Earth Sciences, Dr. M Ravichandran, Secretary Biotechnology, Dr. Rajesh S Gokhale and DG CSIR Dr. N. Kalaiselvi.
- Dr. Jitendra Singh informed us that 35 eminent speakers will share their thoughts on various dimensions of Akash Tattva during Dehradun Conclave.

## 76th Infantry Day: Defense Minister takes part in 'Shaurya Diwas' celebrations in Srinagar



- Defense Minister Rajnath Singh celebrated Shaurya Diwas at Old Air Field, Srinagar.
- The Shaurya Diwas marks the 75th year of induction of the Indian Army to save the state of Jammu and Kashmir from Pakistan's invasion in 1947.
- The Shaurya Diwas is celebrated as a part of celebrations for Azadi ka Amrit Mahotsav and the 75th year of Air landed operations of the Indian Army at Budgam Airport.
- The Shaurya Diwas celebration event was felicitated by J&K Lieutenant Governor Manoj Sinha, Army Chief General Manoj Pande, Lieutenant General Upendra Dwivedi,
- GOC-in-C, Northern Command, Air Marshal S Prabhakaran.
- Air Officer Commanding-in-Chief, Western Air Command, Lieutenant General ADS Aujla, General Officer Commanding, 15-Corps along with several other civil and military dignitaries were part of the event.
- The replication of the historic event was organized at Old Air Field.
- The event aims to pay obeisance to the brave soldiers and people of Jammu and Kashmir who laid down their lives.

## BCCI bats for pay parity, same match fees for women & men: 'New era of equality'



- In a historic decision, the Board of Control for Cricket in India (BCCI) announced a “pay equity policy”, saying that its centrally-contracted men and women players would get the same match fees.
- BCCI secretary Jay Shah took to Twitter to announce the significant development.
- This means the women players will now get Rs 15 lakh per Test match, Rs 6 lakh for a One-Day International (ODI), and Rs 3 lakh for a T20 International.
- Till now, they were paid Rs 1 lakh for a white-ball match, and Rs 4 lakh for a Test.

- The annual retainership for women cricketers remains the same — Rs 50 lakh for Grade A, Rs 30 lakh for Grade B and Rs 10 lakh for Grade C. The men, who play more games, are paid Rs 1-7 crore, depending on their grade.

### **President Droupadi Murmu presents Silver Trumpet and Trumpet Banner to President's Bodyguard**



- The President of India, Smt Droupadi Murmu, presented the Silver Trumpet and Trumpet Banner to the President's Bodyguard (PBG) at a ceremony held at Rashtrapati Bhavan, Delhi.
- The President appreciated PBG for their excellent military traditions, professionalism and discipline in all their tasks. She said that the nation is proud of them.
- She expressed confidence that they will strive with dedication, discipline and valour, to maintain the highest traditions of Rashtrapati Bhavan and be an ideal role model for other Regiments of the Indian Army.
- The President's Bodyguard is the oldest regiment in the Indian Army, having been raised as the Governor-General's Bodyguard (later the Viceroy's Bodyguard) in 1773.
- As the President of India's own Guard, it has the unique distinction of being the only military unit of the Indian Army that is privileged to carry the President's Silver Trumpet and Trumpet Banner.
- This distinction was conferred on the President's Bodyguard in 1923 by the then Viceroy, Lord Reading, on the occasion of the Bodyguard completing 150 years of service. Each succeeding Viceroy, thereafter, presented the Silver Trumpet and Trumpet Banner to the Bodyguard.
- On January 27, 1950, the regiment was renamed the President's Bodyguard. Every President has continued the practice of honouring the regiment. Rather than a coat of arms, as was the practice in the colonial era, the monogram of the President appears on the Banner.
- Dr Rajendra Prasad, the first President of India, presented his Silver Trumpet and Trumpet Banner to the President's Bodyguard on May 14, 1957.

## India, US to conduct 'Yudh Abhyas' near China border from Nov 15: Report



- Indian and US militaries to conduct the battalion-level “Yudh Abhyas” exercise between 15th November 2022 to 2nd December 2022.
- The Yudh Abhyas will be held at Auli in Uttarakhand which is just 100 km from the Line of Actual Control (LAC).
- The member countries of the “Quad” will conduct the Malabar exercise off Yokosuka in Japan between 8th November 2022 to 18th November 2022.
- The “Quad” member countries include India, Australia, Japan, and the US.
- The Quad has declared that it would “deter” any “coercion” in the Indo-Pacific. “Yudh Abhyas” will include high-altitude warfare drills.
- In the Yudh Abhyas military drill around 350 soldiers from each country are expected to participate.
- The soldiers will witness the employment of integrated battle groups in mountains and extremely cold climates, along with heliborne elements in cold climates.
- In August, the US and Indian forces conducted the “Vajra Prahar” exercise at Bakloh in Himachal Pradesh.
- The “Vajra Prahar” involved the special forces of the two countries.

## India, Singapore 5-day bilateral naval exercise begins at Visakhapatnam



- SIMBEX 2022 maritime exercise: From October 26 to October 30, 2022, Visakhapatnam will play

home to the 29th Singapore-India Maritime Bilateral Exercise (SIMBEX).

- The two phases of SIMBEX-2022 are the Harbor Phase at Visakhapatnam and the Sea Phase in the Bay of Bengal.
- On October 25, 2022, RSS Stalwart (a Formidable Class Frigate) and RSS Vigilance (a Victory Class Corvette), two ships from the Republic of Singapore Navy, arrived at Visakhapatnam to take part in the exercise.
- On October 25, 2022, Vice Admiral Biswajit Dasgupta, Flag Officer Commanding-in-Chief, Eastern Naval Command, and Rear Admiral Sanjay Bhalla, Flag Officer Commanding Eastern Fleet had a visit from Rear Admiral Sean Wat Jianwen, Fleet Commander, Republic of Singapore Navy.
- Discussions about topics of mutual interest took place at the meetings.
- During the Harbour Phase, there were numerous professional and recreational exchanges between the two fleets, including cross-deck visits, SMEEs, and planning sessions.
- Exercise Lion King was the original name for the SIMBEX series of exercises, which debuted in 1994.
- Over the past two decades, the exercise's complexity and scope have significantly increased to incorporate
- cutting-edge naval training that encompass a variety of maritime missions.
- The drill is a prime example of India and Singapore's intense maritime cooperation.
- It also emphasises the two countries' dedication and support for boosting marine security in the Indian Ocean region.

### **Kerala tourism department launched 'women-friendly tourism' project**



- The Kerala state tourism department has launched a 'Women-Friendly Tourism' project to ensure safe and hygienic destinations for women.
- The all-women tour packages, which include food, accommodation, transportation and community guides, will be controlled and operated by women.
- Launching the state Responsible Tourism (RT) Mission's initiative, Tourism Minister Mohamed Riyas said Kerala already enjoys the reputation as the safest destination for women tourists.
- He also inaugurated a one-day workshop organised as part of the project.
- Delivering the keynote address, UN Women India Deputy Representative Kanta Singh said creating a safe, reliable and hygienic infrastructure that addresses the needs of women is vital while imple-

menting the project.

### **‘Tallest’ Shiva statue to be inaugurated in Rajasthan’s Rajsamand tomorrow | Details in 10 points**



- Shiva statue installed in Nathdwara: On October 29, a 369-foot-tall Shiva statue called “Viswas Swaroopam” that has been built in Nathdwara, Rajasthan’s Rajsamand district, will be dedicated.
- In the presence of Chief Minister Ashok Gehlot, Assembly Speaker CP Joshi, and others, preacher Morari Bapu will officially unveil Viswas Swaroopam, what is said to be the highest Shiva statue in the entire world.
- The Viswas Swaroopam statue was built by Tat Padam Sansthan and is located 45 kilometres from Udaipur.
- After the statue’s inauguration, a number of religious, spiritual, and cultural events will be organised over nine days, from October 29 to November 6, according to Madan Paliwal, the chairman of the Miraj company and a trustee for the Sansthan.
- Throughout the nine days, religious preacher Morari Bapu will also recite the Ram Katha.

### **Veteran Assamese actor Nipon Goswami dies at age 80**



- Veteran Assamese actor, Nipon Goswami passed away recently. He was born in Assam’s Tezpur town.
- He was an alumnus of the prestigious Film and Television Institute of India.
- He debuted in the Assamese cinema as a child artist in 1957. The octogenarian worked in a number of Assamese films and was a very popular face.
- Besides the silver screen, Goswami was also active in mobile theaters, advertisement commercials, and TV soaps.
- Sangram was Nipon Goswami’s first Assamese film and first success as a lead actor in an Assamese

film. During the years that followed, he appeared in several films, including Dr. Bezbaruah, released in 1969.

- As a character actor, he appeared in several Hindi films. Goswami has acted in 50 Assamese films including 'Mukuta', 'Sandhya Raag', etc.
- He had acted in seven Hindi films including Kalpana Lajmi's 'Daman', Bhabendranath Saikia's 'Kaal Sandhya' and Rajkumar Kohli's 'Virodhi' among others.

### **Indian scientists develop first indigenous Overhauser Magnetometer**



- Indian scientists developed an indigenous Overhauser Magnetometer, one of the most accurate Magnetometers extensively used in all magnetic observatories around the world.
- The Overhauser Magnetometer will make way for reducing the cost of sampling, according to the Ministry of Science & Technology.
- The sensor installed at Alibag Magnetic Observatory (MO) can reduce dependence of India on commercial OVH Magnetometers for performing geomagnetic field measurements.
- OVH Magnetometers are known for their higher accuracy, higher sensitivity, and efficient power consumption.
- The Indian Institute of Geomagnetism (IIG), an autonomous research institution under DST, has developed the Magnetometers.
- A team from IIG's instrumentation division used various spectroscopic tools and theoretical simulations to understand the working.
- They also performed various control experiments which includes varying the sensor composition and examining the sensor's performance.



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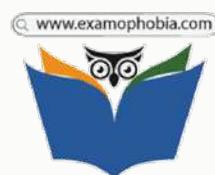
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