



FVF **RYDAY CURRENT AFFAIRS-September**

TAMIL NADU

- On September 12, Chief Minister M K Stalin - launched an information centre, 'Aadukalam' for the benefit of sportspersons in the state



- ✓ The Aadukalam information centre is functioning at the office of the Sports Development Authority of Tamil Nadu between 10am and 5pm on all working days.
- ✓ It will promote awareness regarding sports among the state's youth
- ✓ Further, the CM also distributed welfare aid to the tune of Rs.16.3 crore to 1,130 sports persons, who won medals in national and international sports events.
- ✓ He also presented Rs 16.30 lakh as incentives to other sportspersons, coaches, physical education trainers, and referees
- ✓ The event was organised by the department of youth welfare and sports at Nehru Indoor Stadium in Chennai
- ✓ During his speech, the CM said that the state is now hosting the WTA Chennai Open 2022 from September 12 to 18.
- ✓ The CM also inaugurated online registration for the Chief Minister Trophy State-level sports competitions
- ✓ In order to promote enthusiasm for sports among student and youth, the chief minister's state sports awards were announced and the registrations for the awards began on September 12.

- ✓ For the first time, sporting events would be held for various categories such as schools, colleges, general public, government employees and physically disabled, the chief minister said.
 - ✓ From next year, sports tournaments would be held from June till Pongal the following year as a celebration of culture and heritage, announced the Chief Minister
 - ✓ Further, the CM said that steps would be taken to train students of government schools with the help of grandmasters in chess
 - ✓ Students performing outstandingly in the tournaments would be admitted to the sports hostels in the state on priority basis and given training, the CM said.
 - ✓ The CM also said that sports and games of tribal communities in the State would be identified and popularized as other traditional sports like Silambam and kabaddi were being encouraged now.
- **The state government - has approved 48 posts for the Tamil Nadu state commission for scheduled castes and scheduled tribes**
- ✓ The government has also sanctioned Rs. 4.2 crore for effective functioning of the commission.
 - ✓ The commission was established on September 13 last year following the announcement under Rule 110 of the assembly by chief minister M K Stalin.
 - ✓ It was set up to address the grievances of SC/ST people and safeguard their rights and livelihood.
 - ✓ Apart from this, the commission would conduct field inspections and keep track of the status of the cases filed under the provisions of SC/ST Act and monitor the implementation of reservation policies in government institutions.
 - ✓ The commission is headed by retired HC Judge P R Shivakumar as its chairman
- **Chennai's first ever street composter, Kalyani – has started functioning on Arundale Beach Road in Besant Nagar's Kalakshetra Colony**



- ✓ It is a bin set up by Environmentalist Foundation of India and Residents of Kasturba Nagar Association (ROKA).
- ✓ The composter has converted about 600kg of wet waste generated in the locality into 300kg of manure within a week.

- ✓ The composter was set up based on the success of similar decentralized waste management system in Bengaluru's SSR Layout
- ✓ In Bengaluru, all the segregated waste along with coco peat or microbes, sawdust and dry leaves was dumped into the composter every day, which turned into manure after 30 days.
- ✓ The composter in Chennai has a capacity of 750kg and takes 45-60 days for waste to be converted into compost.
- ✓ The compost is made using three inputs - dry waste, green waste and microbes, while it produces two products - organic manure and leachate
- ✓ A street composter is one that collects waste from a local community and uses it as compost that converts green waste into useful products

NATIONAL

- **On September 12, Prime Minister Narendra Modi - inaugurated the International Dairy Federation's World Dairy Summit (IDF WDS) 2022 in Greater Noida, Uttar Pradesh**



- ✓ During his address, the PM said that scientists have prepared an indigenous vaccine for Lumpy Skin Disease among cattle.
- ✓ Lumpy skin disease is a contagious viral disease that spreads among cattle through mosquitoes, flies, lice, and wasps by direct contact, and also through contaminated food and water, causing fever and nodules on the skin, which can be fatal
- ✓ PM Modi further said that India is building the largest database of dairy animals, and every animal associated with the dairy sector is being tagged
- ✓ The four-day long IDF WDS 2022 is being held from September 12 to 16 centred around the theme of 'Dairy for Nutrition and Livelihood'.
- ✓ Minister of Fisheries, Animal Husbandry and Dairying Parshottam Rupala, Uttar Pradesh Chief Minister Yogi Adityanath and others were present

- ✓ The summit will also help Indian dairy farmers to gain exposure about global best practices.
 - ✓ Around 1,500 participants from 50 countries are likely to participate in IDF WDS 2022.
 - ✓ The last such summit in India was held in 1974
 - ✓ India's milk production is 220 million tonnes, contributing 23% of global milk production
 - ✓ The Indian dairy industry is unique as it is based on a cooperative model that empowers small and marginal dairy farmers, especially women.
 - ✓ Over the past two decades, India's milk production has doubled.
 - ✓ The credit also goes to the federation called 'Amul', which was created by 3.6 million milk producers in Gujarat.
 - ✓ In order to improve the livelihood of the farmers, Amul started its journey under 'Operation Flood'.
- **The National Council of Educational Research and Training (NCERT) - will soon be a 'deemed-to-be-university' in the 'De Novo' category.**
- ✓ The decision was taken on September 12 at the Council's Executive Committee meeting chaired by education minister Dharmendra Pradhan.
 - ✓ De-Novo Deemed University is a new institution which can apply to UGC for setting up as deemed to be university to undertake study and research in unique and emerging areas of knowledge that are not offered by any existing institution.
 - ✓ The apex organisation for school education, NCERT undertakes various activities and programmes, which include educational research and innovation, curriculum development and development of textual and teaching-learning materials, etc.

INTERNATIONAL

- **The United States Air Force (USAF) – has successfully tested an unarmed 'Minuteman III' intercontinental ballistic missile (ICBM) from Vandenberg Space Force Base in California recently on September 8**



- ✓ This is the second such test in less than a month after a previous launch was delayed twice.

- ✓ The US Air Force successfully launched a Minutemen III ICBM on August 16, after having postponed the test twice to avoid aggravating tensions over Ukraine and Taiwan.
- ✓ Minuteman III is one of America's most powerful missiles capable of carrying out a nuclear attack.
- ✓ It has been in service for 50 years, and is currently the only land-based ICBM in the US nuclear arsenal.
- ✓ Minuteman III missile can hit a range of more than 10000 km and is part of the Strategic Deterrence Force under the US Air Force Global Strike Command
- ✓ The missiles are housed in silos on three US military bases in Wyoming, North Dakota and Montana
- ✓ The US arsenal also includes Trident submarine-launched ballistic missiles and nuclear weapons carried by strategic bomber aircraft

CONFERENCES & SUMMITS

- **Lok Sabha Speaker Om Birla and Minister of State for Defence Ajay Bhatt - inaugurated the National Defence MSME Conclave and Exhibition in Kota, Rajasthan on September 11**



- ✓ More than 50 companies, Startups and MSMEs working in defence sector are participating in the event.
- ✓ During his speech, the Union Minister said that India is now among the top 25 countries that export defence equipment and apparatus
- ✓ India earned Rs 38,500 crore in five years by manufacturing and selling equipment and apparatus to foreign countries, he added.
- ✓ Defense equipment including T-90 and BMP-2 tanks, artillery guns, various types of sniper and machine guns and military bridges are being displayed in the exhibition.
- ✓ The Drone Light Show and Live Concert were the highlights of the programme.

PERSONALITIES

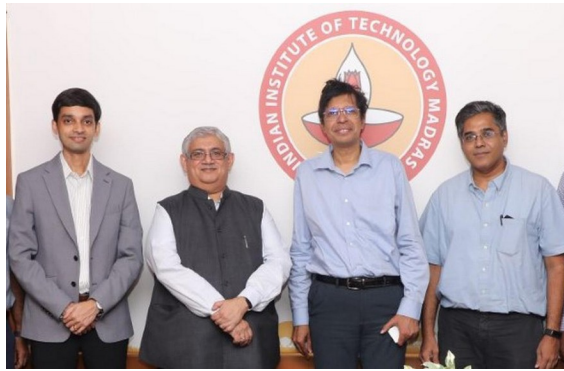
➤ **Chief Justice of Madras High Court, Munishwar Nath Bhandari – retired on September 12**



- ✓ Tamil Nadu advocate-general R Shunmugasundaram delivered the farewell address for Chief Justice Bhandari
- ✓ Chief Justice Bhandari served as chief of the court for 10 months.
- ✓ He has now been appointed as chairperson of the appellate tribunal under the Smugglers and Foreign Exchange Manipulators Act.
- ✓ Senior-most judge of the court, Justice M Duraiswamy, will be taking charge as the acting-chief justice on September 13
- ✓ Born on September 13, 1960, Chief Justice Bhandari was appointed as a judge of the Rajasthan high court on July 5, 2007.
- ✓ On March 15, 2019, he was transferred to the Allahabad high court and took oath as Judge on March 15, 2019.
- ✓ After being appointed as the acting chief justice of the Allahabad high court from June 26, 2021, Chief Justice Bhandari was transferred to the Madras high court on November 22, 2021.
- ✓ On February 10, 2022, he was appointed as the Chief Justice of the Madras high court.

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **The Indian Institute of Technology, Madras - has become the first Indian institution to join the IBM Quantum Network**
- ✓ The latest collaboration will enable students, researchers and allied enterprises to use IBM's advanced quantum computing systems to support research and development in the country
 - ✓ As member of the IBM Quantum Network, IIT Madras will get cloud-based access to the quantum computers
 - ✓ These computers require extremely low temperatures close to zero Kelvin (-273 degree Celsius) facilities, which are not yet available in the country



- ✓ IIT-M researchers will lead advancement of research in the application of quantum computing with support from IBM Research India to such domains that are relevant to India.
- ✓ The Centre for Quantum Quantum Information, Communication and Computing (CQulCC) at IIT Madras has been developed to focus on advancing core algorithms in research areas such as Quantum Machine Learning, Quantum Optimization, and applications research in finance
- ✓ With the new Centre, IIT Madras is now part of the 180-member global community of the IBM Quantum Network, which also includes start-ups, research laboratories, Fortune 500 companies, apart from 53 academic institutions.
- ✓ The announcement is also set to contribute to India's renewed efforts to power up its National Mission on Quantum Technologies & Applications (NM-QTA)
- ✓ IBM and IIT Madras have a long association in education and research areas like Artificial Intelligence and Machine Learning.
- ✓ Last year, IIT Madras joined IBM's Quantum Education Program to provide its students and faculty access to IBM quantum learning resources, quantum tools, and quantum systems for education and research purpose.
- ✓ IIT Madras currently offers two advanced inter-disciplinary courses on quantum computing for students of physics and computer engineering
- ✓ In August last year, IBM Quantum and IIT Madras also jointly offered a course on quantum computing on the NPTEL Platform to over 10,000 participants.
- ✓ Quantum computing is a technology that harnesses the laws of quantum mechanics to solve problems too complex for classical computers.

DEFENCE

- **Indian Army – is conducting a 20-day long exercise 'Parvat Prahar' in the Ladakh sector at an altitude of 14,000 feet**
- ✓ Army Chief General Manoj Pande recently visited the Ladakh sector to review the exercise
- ✓ During his visit, the General was briefed about the operational preparedness on the ground by the commanders.
- ✓ The exercise saw the deployment of an all new major induction of the Army.
- ✓ Parvat Prahar is being conducted by the One Strike Corps of the Indian Army. ‘



- ✓ The exercise involved high altitude infantry personnel, T-90S and T-72 tanks, mechanized infantry, K-9 Vajra, Bofors and M-777 howitzers, helicopters and aircrafts.
- ✓ Chinook heavy lift helicopters and all-terrain vehicles carried by K9-Vajra howitzers were used in the exercise.

ECONOMY

- **HDFC Bank, India's largest private sector bank - became the first bank in the country recently to issue an Electronic Bank Guarantee (e-BG)**



- ✓ The new system has been introduced in partnership with National E-Governance Services Limited (NeSL) using its paperless eStamping DDE platform.
- ✓ With the new system, the paper based, time-consuming process has been eliminated, while the new e-bank guarantees can be processed, stamped, verified and delivered instantly with enhanced security
- ✓ Physical stamping has been eliminated and replaced with eStamping and with eBG, the applicant and beneficiary can instantly view a bank guarantee on the NeSL portal.

SPORTS

- **Spanish teenager Carlos Alcaraz - beat Norway's Casper Ruud in four sets in the U.S. Open final on September 11 to win his maiden Grand Slam title at Arthur Ashe Stadium in New York**



- ✓ Alcaraz, playing only in his second full season on the tour, scripted history as he became the youngest World No. 1 in men's singles tennis.
- ✓ Alcaraz is the youngest-ever world number one since ATP rankings began in 1973.
 - ✓ He broke the mark set by Australian Lleyton Hewitt, who was 20 when he became number one in 2001.
- ✓ At 19 years and 129 days, Alcaraz has become the second-youngest US Open champion.
 - ✓ Pete Sampras won the US Open in 1990 being only 19 years and 15 days old, becoming the youngest-ever to win US Open, a record he still holds.
- ✓ Alcaraz also became the youngest Grand Slam champion since Rafael Nadal in 2005.
- ✓ He is now the the third Spanish men's player to win the US Open after Manuel Orantes (1975) and Rafael Nadal (2010, 2013, 2017, 2019).

ALCARAZ IS US OPEN CHAMP & YOUNGEST WORLD NO. 1

Teen sensation Carlos Alcaraz of Spain became the youngest world no. 1 in ATP rankings while claiming his maiden major title at the US Open late Sunday night. Alcaraz overpowered Casper Ruud 6-4, 2-6, 7-6 (1), 6-3, leaving the 23-year-old Norwegian with the runner-up plate and the no. 2 ranking

<p>19 years, 129 days Alcaraz's age when he took the no. 1 spot. Previous youngest was Aussie Lleyton Hewitt, aged 20 years, 8 months & 26 days when he rose to the top in Nov 2001</p> <p>2 Alcaraz is the second youngest US Open champ, behind Pete Sampras, who won in 1990 aged 19 years & 29 days. He's also the 2nd youngest Slam champion after Rafael Nadal, who won the French Open in 2005 at age 19 years & 3 days</p>	<p>23 hours, 39 mins Time Alcaraz spent on court during the tournament, the highest by any competitor in a Grand Slam event, surpassing Kevin Anderson at 2018 Wimbledon</p> <p>2 Alcaraz (19) and Casper Ruud (23) are 2nd youngest top two in ATP rankings after Jimmy Connors (22) and Bjorn Borg (18) in 1975</p>
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- ✓ The 2022 US Open men's singles final was the first time wherein two players were competing for both their maiden Grand Slam title and the world number one ATP rank.
- ✓ Alcaraz is now the fourth Spaniard, behind Nadal (22) Carlos Moya (22) and his coach Juan Carlos Ferrero, to reach the top rank on the ATP list (23).
- ✓ In another record, Alcaraz was on the court in this year's US open for a record-breaking 23 hours and 39 minutes.
 - ✓ He beat Andy Murray's record of 21 hours, 51 minutes on court at the 2012 US Open and Kevin Anderson's Grand Slam record of 23 hours, 20 minutes on court at the 2018 Wimbledon over the course of the tournament
- ✓ Further, Alcaraz became the first man since Stanislas Wawrinka in 2016 to win the US Open after saving a match point.
- ✓ Alcaraz won his debut ATP match against Albert Ramos Vinolas in 2020, barely 16 years old
- ✓ In another matches, American tennis player, Rajeev Ram and Great Britain's Joe Salisbury defeated No. 2 seeds Wesley Koolhof and Neil Skupski in straight sets to capture the men's doubles championship and successfully defend their title at the 2022 US Open.
- ✓ The Czech pair of Barbora Krejckikova and Katerina Siniakova defeated Americans Katie McNeely and Taylor Townsend to win the women's doubles title.

