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Date: 02 August, 2025



Rajasthan

7th Finance Commission of Rajasthan

- Why in News?
- On August 01, 2025, the Rajasthan government announced the 7th **Finance** formation the Commission of the state.



- **Main Point**
- Chairman of the 7th Finance Commission: Arun Chaturvedi.
- Arun Chaturvedi is a former cabinet minister and has also been the former state president of the political party Bharatiya Janata Party.
- Member Secretary of the 7th Finance Commission: Retired IAS Naresh Thakral.
- The Chairman and Member Secretary of the Commission will hold office for a period of one and a half years from August 01, 2025.

State Finance Commission:

- **Provision:** Article 243-I of the Indian Constitution provides that the Governor of the State shall constitute a Finance Commission to review the financial position of the Panchavats as soon as may be within one year from the commencement of the 73rd Constitutional Amendment Act, 1992 and thereafter at the expiration of every fifth year to review the financial position of the Panchayats and make recommendations to the Governor.
- Similarly, Article 243-Y of the Constitution provides for municipalities.

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- Functions: Articles 243-I and 243-Y provide that the State Finance Commission shall recommend the principles governing the distribution of the net proceeds of taxes, duties, tolls and fees levied by the State between the State and the Panchayats and the Municipalities.
- Composition of the Commission: It is a body consisting of a chairman and a maximum of four members.
- The number of chairman and members is determined by the Governor.
- The Governor presents each recommendation made by the Finance Commission to the State Legislature.

Facts for Prelims:

6th State Finance Commission:

- Constitution: 12th April, 2021 by the Governor.
- Chairman: Pradyuman Singh.
- **Members:** Dr. Laxman Singh Rawat.
- Members: Dr. Ashok Lahoti.
- Member Secretary: S.C. Derashri.

State Finance Commission of Rajasthan:

	- Y O 1		
State Finance	Chairman	Formation	Tenure
Commission			
1 st	Krishna Kumar Goyal	24 April, 1994	1995-1996 to 1999-
			2000
2 nd	Heera Lal Devpura	7 May, 1999	2000-2001 to 2004-
			2005
3 rd	Manik Chand Surana	May, 2004	2005-2006 to 2009-
			2010
4 th	B.D. Kalla	13 April, 2011	2010-2011 to 2014-15
5 th	Dr. Jyoti Kiran	July, 2014	2015-2016 to 2019-
			2020
6 th	Pradyuman Singh	12 April, 2021	2020-2021 to 2024-
			2025

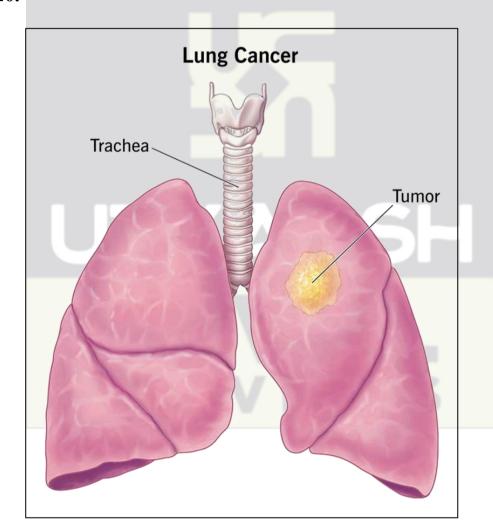
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Lung cancer cases in Rajasthan

♦ Why in News?

■ Recently, according to data from the Regional Cancer Registry Center, lung cancer was confirmed in 4,672 patients in Rajasthan between the years 2016 and 2020.



- Main Point
- Of the total cases registered in Rajasthan, 4,082 are men and 590 are women.
- Bikaner has the highest number of lung cancer cases: In the year 2022-2023, Bikaner had 913 cases, which is the highest of any district in the state.

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Facts for Prelims:

Lung cancer: Lung cancer is lung cancer. It occurs when abnormal cells in the lungs start growing uncontrollably and form a tumor.

Types of lung cancer:

- Non-small cell lung cancer (NSCLC): This is the most common type of lung cancer, accounting for about 85 percent of all cases.
- Small cell lung cancer (SCLC): This type is less common, but it grows more rapidly and is often diagnosed at an advanced stage.

Causes of lung cancer:

Smoking, secondhand smoke, radon gas (a natural gas), exposure to asbestos (asbestos is a known carcinogen), air pollution and genetic factors.

Facts for Prelims:

- World Lung Cancer Day is observed every year on August 1.
- Theme for the year 2025: Stronger Together: United for Lung Cancer Awareness.

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MoU between NCCF and CONFED under International

♦ Why in News?

- A departmental store will be started in Vaishali Nagar, Jaipur under a joint venture by Rajasthan State Cooperative Consumer Federation (CONFED) and National Cooperative Consumer Federation of India (NCCF).
- Recently a Memorandum of Understanding (MoU) was signed between NCCF and CONFED in this regard.



Main Point

- The departmental store will mainly feature products of NCCF's 'Jana:' brand and CONFED's 'Uphaar' brand.
- Organic products of 'Jana:' brand and spices and millet products of 'Uphaar'
 brand will be made available at the store.
- It is worth noting that the year 2025 is being celebrated by the United Nations as the 'International Year of Cooperatives'.
- Note: On July 17, 2025, 64 millet outlets were inaugurated by Union Home and Cooperation Minister Amit Shah during the Co-operation and Employment Festival organized in Jaipur.

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Facts for Prelims:

Cooperative Movement in Rajasthan:

- The cooperative movement in Rajasthan started in the year 1904 from Ajmer.
- Year 1904: The first cooperative agricultural bank of the state was established in Deeg (Bharatpur).
- Year 1904: The 'Cooperative Credit Society Act' was passed by the British Indian Government. Thereafter, on 25 October 1905, the first cooperative society of the state was established in Bhinay (Ajmer).
- **Year 1910:** First Central Cooperative Bank started in Ajmer.

Rajasthan's major institutions related to co-operatives:

Name of the institution	Establishment	Headquarters
Rajasthan State Cooperative Bank Limited (Apex Bank)	1953	Jaipur
Rajasthan State Cooperative Marketing Federation Limited (Rajfed)	1957	Jaipur
Rajasthan State Oilseeds Producer Cooperative Federation (Tilam Sangh)	1990	Jaipur
Rajasthan Institute of Cooperative Education and Management (RICEM)	1990	Jaipur
Rajasthan Cooperative Dairy Federation Limited (RCDF)	1977	Jaipur
Rajasthan State Cooperative Consumer Federation Limited, Jaipur (CONFED)	1967	Jaipur
Rajasthan State Cooperative Land Development Bank Limited	1957	Jaipur

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National Population Commission's report on the elderly

○ Why in News?

■ According to the report of the technical group of the National Population Commission, the population of elderly women above 60 years of age in Rajasthan



will increase by 20.38 percent in the next 6 years to 53.28 lakhs by March 1, 2031.

Main Point

- This increase is 2 percent more than that of elderly men.
- According to the data, the average age of men is estimated to be 71 years and that of women is 73 years.
- The total elderly population in India during this period will reach 19.37 crores by March 1, 2031, of which 10.08 crores will be women.
- Sex ratio: There will be 1085 elderly women per thousand men in India.
- Rajasthan will be at the 8th position among the top states with the highest number of elderly women by the year 2031.

Elderly women per thousand men and their growth rate (projected in 2031):

■ Rajasthan: 1194

■ Gujarat: 1089

■ Haryana: 1080



News in Shorts

S. No.	News
1.	Hanumangarh first in the state in e-organ donation oath In the e-organ donation oath campaign organized by the National Organ and Tissue Transplant Organization (Ministry of Health and Family
	 Welfare) in Rajasthan, Hanumangarh district secured first place in the whole of Rajasthan with more than 8000 oath takers. So far more than 72,000 people have taken e-oath of organ donation across the state.
2.	 6 newly constructed court buildings in Dausa Court Building ◆ Chief Justice of Rajasthan High Court Sriram Kalpati Rajendran recently inaugurated 6 newly constructed court buildings in Dausa Court Building. ◆ 6 courts will be operated in this new building, including
	Family Court, POCSO Court, Motor Accident Claims Tribunal (MACT), Additional District and Sessions Court, Additional Chief Judicial Magistrate No. 2 and Additional Civil Judge and Judicial Magistrate Court.

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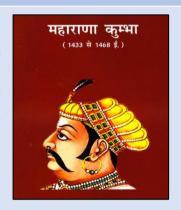
3. Netra Kumbh inaugurated in Ramdevra

- ♦ On July 31, 2025, Chief Minister Bhajanlal Sharma inaugurated the Netra Kumbh program in Ramdevra, Jaisalmer.
- ♦ The Netra Kumbh camp will be organized for 33 days.



4. Maharana Kumbha Kala Bhavan

♦ Recently, Rajasthan Governor Haribhau Bagde inaugurated the 'Maharana Kumbha Kala Bhavan' at the Mohanlal Sukhadia University campus in Udaipur.



♦ Apart from this, the Governor also participated as the chief guest in the 'Mohanlal Sukhadia Smriti Lecture-2025' at the Bappa Rawal Auditorium of Mohanlal Sukhadia University.

5. 5 top districts of Rajasthan in 'Give Up Abhiyan'

♦ The campaign being run by the Rajasthan government to voluntarily remove the name of capable persons from the National



Food Security Scheme in the state is continuously achieving success. 5 districts have performed best under the campaign.

♦ 5 top districts: Jaipur, Sikar, Udaipur, Bikaner, Banswara.

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National

National Critical Minerals Mission: 7 new centres of excellence

- **♦** Why in News?
- Recently, the Ministry of Mines has recognised seven institutions including four IITs and three R&D laboratories as centres of excellence under the National Critical Minerals Mission (NCMM).



Main Point

Centres of Excellence:

- **■** IIT Bombay
- IIT Hyderabad
- IIT ISM Dhanbad
- IIT Roorkee
- CSIR IMMT, Bhubaneswar
- CSIR NML, Jamshedpur
- NFTDC, Hyderabad

National Critical Minerals Mission (NCMM):

■ With the aim of making the country self-sufficient in critical minerals, the Government of India launched NCMM in the year 2025.

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Exploration Projects:

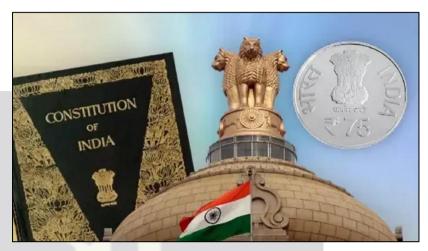
- Under this mission, the Geological Survey of India (GSI) was entrusted with the task of conducting 1,200 exploration projects from the year 2024-25 to 2030-31.
- Identification of Critical Minerals: In November, 2022, a committee constituted by the Ministry of Mines identified 30 critical minerals.
- Amendment to MMDR Act: Out of these, 24 minerals were included in Part D of Schedule I of the MMDR Act, 1957.
- Establishment of CECM: Recommended setting up of "Centre of Excellence on Critical Minerals" (CECM) for regular updating of mineral inventory and strategy formulation.
- Use in Clean Energy Technologies: Critical minerals are essential in solar panels, wind turbines, EVs and energy storage systems.
- Goal Supply Chain Security: NCMM was launched to ensure long-term availability and processing of these minerals.
- Linkage to National Security and Economic Development: Shortage of critical minerals or concentration in certain areas can impact the supply chain, thereby affecting national security and economic development.

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Hamara Samvidhan - Hamara Swabhiman Abhiyan

- Why in News?
- Recently, Minister of State for Law and **Justice** (Independent Charge) and Minister of State for **Parliamentary Affairs** Meghwal Arjun Ram provided information about



the "Hamara Samvidhan - Hamara Swabhiman Abhiyan" campaign in a written reply to a question in the Lok Sabha.

- **Main Point**
- To commemorate the completion of 75 years of adoption, enactment and dedication of the Constitution, a year-long commemoration was launched by the Ministry of Culture on 26 November 2024 (Constitution Day).
- Tagline: "Hamara Samvidhan Hamara Swabhiman".

Objective:

- To create a visual marker for the Constitution of India in the public consciousness.
- To increase awareness about the details of the Constitution of India.
- To bring to the public platform the tireless efforts of the making of the Constitution.
- To instill a sense of pride towards the Constitution among the people of India.

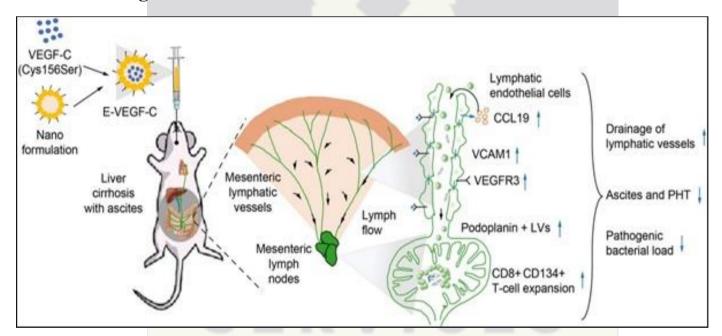
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Science and Technology

Liver Cirrhosis

- Why in News?
- Scientists from Institute of Liver and Biliary Sciences (ILBS) New Delhi and National Institute of Pharmaceutical Education and Research (NIPER) Guwahati have found a novel approach to improve intestinal lymphatic dysfunction and improve lymphatic drainage using a potent proteincontaining nanocarrier called VEGF-C.



- **Main Point**
- This research, funded by Nano Mission of Department of Science and Technology (DST) and published in JHEP Reports journal, is the first to show that therapeutic lymphangiogenesis with VEGF-C is a promising treatment to rebuild disrupted lymphatic networks and restore lymphatic function and drainage in advanced cirrhosis.
- Patients with advanced cirrhosis often develop decompensation with complications such as fluid accumulation in the abdomen (ascites).

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- Due to liver congestion and increased pressure of the portal vascular system, abdominal lymph production increases 30-fold in cirrhosis.
- Vascular endothelial growth factor-C (VEGF-C): A major prolymphangiogenic factor that activates lymphangiogenesis or new lymphatic vessel growth by binding to a cell membrane tyrosine kinase receptor, vascular endothelial growth factor receptor-3 (VEGFR-3), whose activation is essential for the development and growth of new lymphatic vessels.

Other important points:

Structure of the liver:

Right Hepatic Duct Liver Pancreas Stomach Cystic Duct Common Bile Duct Pancreatic Duct

- The liver is a triangular, bilobed structure with a larger right lobe and a smaller left lobe separated by the falciform ligament.
- Hepatic mantle: Made up of fibrous tissue called Glisson's capsule, which protects the liver from physical damage.

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- Hepatic portal vein: It carries nutrient-rich blood from the digestive system to the liver.
- Hepatic artery: It carries oxygenated blood from the heart to the liver.

Functions of the liver:

- Production of bile (bile is responsible for absorption of vitamin K)
- Absorption of bilirubin.
- **■** Immune functions (Kupffer cells)
- Storage of vitamins (A, D, E and B12) and minerals.
- Metabolism of fats.
- Carbohydrate metabolism (glycogenesis)
- Protein metabolism.
- Angiotensinogen synthesis (This hormone is responsible for contraction of blood vessels)
- **■** Filtration of blood.
- Transport of albumin fatty acids and steroids.

Diseases of the liver:

- Cirrhosis: It is caused by alcohol consumption, toxins and hepatitis in which scar cells replace liver cells in a process called fibrosis and the functionality of liver cells is lost, leading to liver failure.
- Liver cancer: Alcohol and hepatitis are the major causes of liver cancer.
- Fascioliasis: Caused by liver fluke parasites. o Hepatitis: It is caused by a virus which causes inflammation in the liver.
- Fatty liver disease: In this disease, fat vacuoles get accumulated in the liver cells.

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Sports

Divya Deshmukh and Koneru Humpy: Honoured at National

- **○** Why in News?
- On August 1, 2025, the Union Minister of Youth Affairs & Sports and Labour & Employment felicitated FIDE Women's World Cup 2025 medalist Divya Deshmukh and runner-up Koneru Humpy in New Delhi.



- Main Point
- Divya Deshmukh: Divya Deshmukh was personally felicitated, who is the 88th and fourth Indian woman grandmaster of the country.
- Divya is the first Indian woman and the youngest player to win the FIDE Women's World Cup.
- The final match of the FIDE Women's World Cup 2025, held in Batumi from July 5 to 28, 2025, was held between 19-year-old Divya Deshmukh (Nagpur) and Grandmaster Koneru Humpy. This was the first time two Indian women reached the final.

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- Koneru Humpy: She became a Grandmaster in the year 2002 at the age of 15.
- Grandmaster Koneru Humpy won the FIDE World Rapid Championship 2024 held in New York defeating Irene Sukandar of Indonesia and became the first Indian and the second player after Wenjun Xu of China to win the Women's Rapid World title more than once.

Other important points:

■ Goa will host the FIDE Men's World Cup 2025 in October 2025.

India's global standing in chess:

Championship	Indian Grandmaster
World Champion	Gukesh Dommaraju
World Rapid Championship	Koneru Humpy
Chess Olympiad Winner (Open)	India (Open Team)
Chess Olympiad Winner (Women)	India (Women's Team)
FIDE Women's World Cup Winner	Divya Deshmukh

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Awards

71st National Film Awards 2025

- Why in News?
- On August 1, 2025, the 71st National Film Awards for the year 2023 were announced by the Jury.



- **Main Point**
- **Announcement:** Union Ministry of Information and Broadcasting.
- **Provider:** President (New Delhi)
- **Objective:** To promote art, culture, cinema and literature etc. and to reward those who do excellent work.



Feature Film Awards

Category	Recipient	Award
Best Feature Film	12 th Fail (Hindi), Director: Vidhu Vinod Chopra	Golden Lotus (Swarna Kamal) and ₹3 lakh cash prize (each)
Best Debut Film of a Director	Ashish Bende, Film: Aatmapamphlet (Marathi)	Golden Lotus and ₹3 lakh cash prize
Best Popular Film Providing Wholesome Entertainment	v	
Best Feature Film Promoting Social, National & Environmental Values	Sam Bahadur (Hindi), Director: Meghna Gulzar	Silver Lotus (Rajat Kamal) and ₹2 lakh cash prize (each)
Best Children's Film	Naal 2 (Marathi), Director: Sudhakar Reddy Yakkanti	Golden Lotus and ₹3 lakh cash prize (each)
Best Film in AVGC (Animation, VFX, Gaming, and Comics)	Hanu-Man (Telugu), Director: Prasanth Varma	Golden Lotus and ₹3 lakh cash prize (each)



Category	Recipient(s)	Film	Award
Best Direction	Sudipto Sen	The Kerala Story	Golden Lotus and ₹3
		(Hindi)	lakh cash prize
Best Actor	Shah Rukh Khan	Jawan (Hindi)	Silver Lotus and ₹2
	Vikrant Massey	12 th Fail (Hindi)	lakh cash prize
Daniel Andrews	D ' M1 ''	M. Chattaria	(each)
Best Actress	Rani Mukerji	Mrs. Chatterjee vs Norway (Hindi)	Silver Lotus and ₹2 lakh cash prize
Best	Vijayaraghavan	Pookkaalam	Silver Lotus and ₹2
Supporting	J V O	(Malayalam)	lakh cash prize
Actor			(each)
	Muthupettai Somu	Parling (Tamil)	Silver Lotus and ₹2
	Bhaskar		lakh cash prize
			(each)
Best	Urvashi	Ullozhukku	Silver Lotus and ₹2
Supporting		(Malayalam)	lakh cash prize
Actress	Janki Bodiwala	Vach (Cuiavati)	(each)
	Janki Doulwala	Vash (Gujarati)	Silver Lotus and ₹2 lakh cash prize
			(each)
Best Child	Sukriti Veni	Gandhi Tatha	Silver Lotus and ₹2
Artist	Bandreddi	Chettu (Telugu)	lakh cash prize (each
	Kabir Khandare	Gypsy (Marathi)	group)
	Treesha Thosar,	Naal 2 (Marathi)	
	Shrinivas Pokale,		
	Bhargav Jagtap		G41
Best Music	S	Vaathi (Tamil)	Silver Lotus and ₹2
Direction	Prakash Kumar		lakh cash prize
	Paglaround Coord	Animal (Uindi)	(each) Silver Lotus and ₹2
	Background Score: Harshavardhan	Animal (Hindi)	lakh cash prize
	Rameshwar		(each)
Best	Vaibhavi Merchant	Rocky Aur Rani Ki	,
Choreography		Prem Kahani	lakh cash prize
		(Song: "Dindhora	
		Baje Re") (Hindi)	

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Non-Feature Film Awards

Best Biographical /	Mo Bau, Mo Gaan (Odia) and	Silver Lotus and ₹2
Historical	Lentina AO - A Light on the	lakh cash prize
Reconstruction /	Eastern Horizon (English)	(Shared)
Compilation Film		
Best Short Film (Up to 30	Giddh – The Scavenger	Silver Lotus and ₹2
minutes)	(Hindi)	lakh cash prize (each)

Other Category:

Best Non-Feature Film:

- Film Flowering Man (Hindi), Director : Soumyajit Ghosh Dastidar.
- Award Golden Kamal and cash prize of Rs 3 lakh each to producer and director.
- Best Documentary Award : God Vulture and Human (Hindi, English & Telugu).
- Best Short Film Award : Giddh The Scavenger.
- Best Hindi Film Award: Kathal: A Jackfruit Mystery.
- Producer: Netflix Entertainment Services Pvt Ltd, Balaji Telefilms Ltd and Sikhya Entertainment Pvt Ltd.
- Director: Yashovardhan Mishra.
- The film Hanuman was selected as the best film in AVGC (Animation, Visual Effects, Gaming and Comic).



News in Shorts

S. No.	News
1.	 Raj Kumar Arora: Controller General of Defence Accounts Raj Kumar Arora assumed charge as Controller General of Defence Accounts on August 1, 2025. Arora is an Indian Defence Accounts Service officer of the year 1990 batch. Raj Kumar Arora served as Additional Secretary in UPSC, Finance Manager (Air) in the Acquisition Corps of the Ministry of Defence and Director in the Ministry of Finance.
2.	 Dr. Mayank Sharma: Financial Advisor (Defence Services) Dr. Mayank Sharma assumed charge as Financial Advisor (Defence Services) on August 1, 2025. Dr. Mayank Sharma is an officer of the year 1989 batch of the Indian Defence Accounts Service. Dr. Mayank Sharma has also served as Under Secretary, Deputy Secretary and Joint Secretary in the Cabinet Secretariat.

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- ♦ He has represented India as Alternate Permanent Representative to the United Nations Office on Drugs and Crime, United Nations Commission on Crime Prevention and Criminal Justice and United Nations Commission on International Trade Law.
- ♦ Dr. Mayank Sharma has also been India's representative at the International Anti-Corruption Academy and the Diplomatic Academy of Vienna.
- ♦ Sharma has served as Additional Commissioner in Delhi Municipal Corporation and Deputy Director, Administrative and Senior Financial Advisor at AIIMS Delhi.

3. Vice Admiral Sanjay Vatsyayan: 47th Vice Chief of the Navy



- ♦ On August 1, 2025, Vice Admiral Sanjay Vatsyayan took over as the 47th Vice Chief of the Navy (VCNS).
- ♦ Vice Admiral Sanjay Vatsyayan, an alumnus of the 71st course of the National Defense Academy, Pune, was commissioned into the Indian Navy on January 1, 1988.
- **♦** Awarded the Ati Vishisht Seva Medal in the year 2021.

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4.

IPS Binita Thakur: New ADG of CISF



♦ 1996 batch Rajasthan cadre IPS officer Binita Thakur has been appointed by the Central Government as ADG in the Central Industrial Security Force (CISF).

5.

Dr. A. Rajarajan

♦ On August 1, 2025, Dr A Rajarajan, a senior scientist at the Indian Space Research Organisation (ISRO), was appointed as the Director of Vikram Sarabhai Space Centre (VSSC).



- ♦ Dr Rajarajan will replace Dr S Unnikrishnan Nair, who retired on July 31, 2025.
- ♦ Earlier, Rajarajan was working as the Director of Satish Dhawan Space Centre (SDSC-SHAR) at Sriharikota.
- ◆ Dr Rajarajan is a member of the Indian National Space
 Promotion and Authorisation Centre (IN-SPACe) board.

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6.

Sustainable Agriculture Day: 7 August



- ♦ The Maharashtra government has announced that August 7 will be celebrated as 'Sustainable Agriculture Day' every year to commemorate the birth centenary of Bharat Ratna Dr M S Swaminathan, the architect of India's green revolution.
- **♦** Dr Swaminathan's pioneering research in increasing the productivity of wheat and rice helped India achieve food self-sufficiency and economic stability. Recognizing his contributions, the Government of India awarded him the Bharat Ratna in the year 2024.
- **♦** He is also recognized by the United Nations as the Father of Economic Environment.
- **♦** Dr MS Swaminathan Bio-Happiness Centers will be set up in all agricultural universities across the state to commemorate his legacy.