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#### Rajasthan

### Postage stamp issued on Purushottamdas H. Purohit

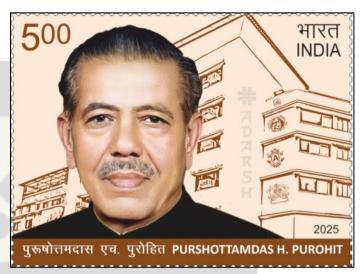
- **○** Why in News?
- On August 02, 2025, the Indian

  Postal Department issued a postage
  stamp on India's freedom fighter

  Purushottamdas H. Purohit in the

  presence of Rajasthan Governor

  Hari Bhau Bagde in Mumbai.



- Main Point
- Originally a resident of Basant village (Pali) in Rajasthan, Purushottamdas H.
   Purohit went to Mumbai in the year 1931 and started a business.
- During this time he got involved in India's freedom movement and social service.
- Purushottamdas Purohit also supported the Azad Hind Fauj in the freedom movement. For this work, he remained abroad for four consecutive years.
- Freedom fighter Purushottamdas made an invaluable contribution in making the country independent by supporting Netaji Subhash Chandra Bose.

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### Plastination technique used for the first time in Ayurveda

#### **○** Why in News?

Recently, Ayurveda doctors at the Anatomy Department of the National Institute of Ayurveda, Jaipur have created several organs like brain, lungs using plastination technique.



#### Main Point

- Plastination Technique: Invented by Dr. Gunther von Hagens in the year 1977, plastination is a process used to preserve human bodies, which consists of six standard steps. A plastinated human body can be touched easily and safely without gloves, it does not have any dead body or formaldehyde smell.
- Plastination, also called forced polymer impregnation, is an ideal method for long-term preservation of tissues, whole bodies or body parts.
- The main chemicals used in plastination include acetone, silicone and methylene chloride.

#### Other important points:

- The use of this technique will be beneficial for future Ayurveda doctors, as it will help them understand the anatomy of the body better.
- Organs prepared using plastination technique can be preserved in museums and labs for years.
- First Government AYUSH Institute in the country: National Institute of Ayurveda, Jaipur is the first Government AYUSH Institute in the country to adopt this technique.

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### Fourth edition of Youth Parliament in Rajasthan Legislative

- **○** Why in News?
- Recently, Youth Parliament
  was organized in Rajasthan
  Legislative Assembly under
  the aegis of Rajasthan branch
  of Commonwealth
  Parliamentary Association.



- Main Point
- **Edition:** Fourth edition.
- Inaugurated by: Rajasthan Legislative Assembly Speaker Vasudev Devnani.
- Participants: 168 youth communicated with facts on international issues related to the security of the country.
- In this Youth Parliament, 168 selected young students from class 9th to 12th from 55 schools of ten states of the country; Rajasthan, West Bengal, Uttarakhand, Haryana, Maharashtra, Uttar Pradesh, Madhya Pradesh, Goa, Karnataka, Gujarat and 3 Union Territories; Jammu & Kashmir, Chandigarh and New Delhi communicated on the efforts to fight terrorism and merge Pakistan Occupied Kashmir (POK) with India.

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### TTF Excellence Award to Rajasthan Tourism Department

- **♦** Why in News?
- Recently, Rajasthan Tourism Department was awarded the TTF Excellence Award during the Travel and Tourism Festival (TTF) in Gandhinagar, Gujarat.



- Main Point
- Category: Rajasthan Tourism was declared the winner for the Design and Decoration Award at TTF.
- India's largest travel show network organized the Travel and Tourism Festival (TTF) from 31 July to 2 August 2025 at the Gandhi Exhibition and Convention Center in Gandhinagar (Gujarat).

#### Other important points:

- It is worth mentioning that the Rajasthan Tourism Department has also been awarded the 'Best Cultural Destination' Award at the 10th International Tourism Conference and Travel Awards Ceremony held in New Delhi.
- Jaipur ranked 5th among the top 10 best cities in the world in the 2025 Readers Survey conducted by tourism magazine Travel and Leisure.

#### **Facts for Prelims:**

■ With the aim of promoting tourism in Rajasthan, the State Tourism Directorate was established in the year 1955 and Rajasthan Tourism Development Corporation Limited (RTDC) in 1978.

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Rajasthan Tourism Unit Policy (RTUP) - 2024

■ Launch: 4 December, 2024

Objective: To increase the benefits payable to investors and entrepreneurs associated with Rajasthan tourism and to provide employment and entrepreneurship opportunities through encouraging the establishment of new tourism units in the private sector.

This policy mainly focuses on providing exemptions for heritage hotels and properties, taking advantage of heritage properties available in the private sector.

■ Additionally, the licensing process for operating hotels, restaurants and other tourism-related establishments has been streamlined in the tourism policy.



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### **News in Shorts**

S. No.	News
1.	Breastfeeding Week – 2025  ◆ The Medical and Health Department of Rajasthan organized 'Breastfeeding Week' from 1 to 7 August 2025 with the aim of reducing child mortality, improving nutrition and increasing infant development and creating awareness about the importance of mother's milk.  ◆ Theme for the year 2025: "Prioritize Breastfeeding: Create Sustainable Support Systems".  ◆ World Breastfeeding Week is celebrated every year from 1 to 7 August in memory of the Innocenti Declaration.
2.	Film on Mukundra Tiger Reserve

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- **♦** The Rajasthan government is making a film on Mukundra Tiger Reserve under the direction of a professional wildlifer.
- ♦ Historical and religious places located in the Tiger Reserve: Ravatha Palace, Abali Meeni Palace, Shikargah, Bhimchori, Kishore Sagar, Gagron, Amjar Palace etc.
- ♦ Other places include Garadia, Gaipernath, Selzar Falls, Jawahar Sagar and Kota Dam.

#### 3. Shravan Kumbh Festival - Salumber

♦ Recently, Chief Minister Bhajan Lal Sharma attended the 45-day Shravan Kumbh Festival at Dhaulagarh Dham in Kenar village of Salumber district.



#### 4.

#### Rachna Jindal

♦ Recently, Confederation of Indian Industry (CII) announced the appointment of Rachna Jindal as the new Regional Director of Northern Region.



♦ Rachna Jindal will be based at CII Northern Region Headquarters in Chandigarh and will oversee CII operations in key states including Delhi, Punjab, Haryana, Rajasthan, Himachal Pradesh, Uttarakhand, Uttar Pradesh and Union Territories of Chandigarh, Jammu and Kashmir and Ladakh.

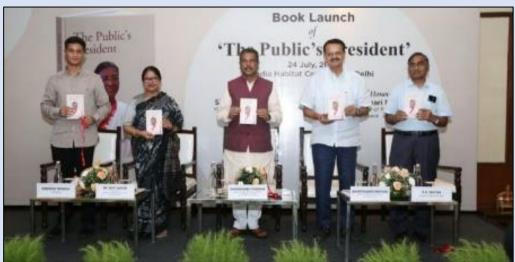
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#### **Dilip Singh Shekhawat**

- ♦ The All India Football Federation (AIFF) has appointed Dilip Singh Shekhawat, Secretary of Rajasthan Football Association, as the head of the delegation representing India's Under-20 team for the upcoming Asian Football Championship Under-20 Women's Asia Cup 2026 Qualifiers.
- ♦ The tournament will be held in Yangon, Myanmar from August 4 to 11, 2025.





- ♦ Recently, the book 'The Public's President' written by Adarsh Tripathi (resident of Odisha), a 12th class student of Jayshree Pediwal International School, Jaipur was released in New Delhi.
- ♦ This book is related to the 15th President of the country Draupadi Murmu and the post of President.
- ♦ Release: By Union Education Minister Dharmendra Pradhan and Cuttack MP Bhartruhari Mahtab at India Habitat Centre, New Delhi.

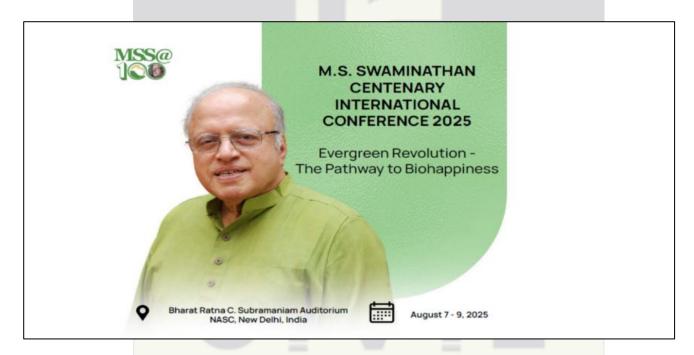
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#### **National**

### **MS Swaminathan Centenary International Conference**

- **○** Why in News?
- On August 7, 2025, the Prime Minister will inaugurate the MS Swaminathan
   Centenary International Conference in New Delhi.



- Main Point
- Organization: From 7 to 9 August 2025 in New Delhi.
- Organized by: MS Swaminathan Research Foundation (MSSRF).
- Cooperation: By Ministry of Agriculture and Farmers Welfare, Indian Council of Agricultural Research (ICAR) and National Academy of Agricultural Sciences (NAAS).
- Theme: Based on the theme "Evergreen Revolution The Pathway to Bio Happiness".

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- This conference will honor the lifelong contribution of Prof. MS Swaminathan, the pioneering agricultural scientist who made India a food surplus nation, to sustainable and equitable development.
- Key Focus Areas: Conservation of biodiversity, climate-resilient and nutrition-sensitive agriculture, technology-driven livelihood solutions, and empowering developing youth, women and communities, etc.
- During the inauguration, the Prime Minister will release a commemorative coin and postage stamp in honor of MS Swaminathan.
- The conference will serve as a global platform for scientists, policy makers, development professionals and stakeholders to deliberate on advancing the principles of the Evergreen Revolution.

#### Other important points:

MS Swaminathan:

- Nicknames: Father of the Green Revolution, Father of Economic Ecology (by the United Nations Environment Programme), Chief Architect of the Green Revolution in India.
- Born: August 7, 1925 in Tamil Nadu.
- Death: M.S. Swaminathan died on September 28, 2023 at the age of 98.

#### **Contribution and prestigious positions:**

- Director General of the Indian Council of Agricultural Research (ICAR) between 1972 and 1979
- Formed the National Bureau of Plant, Animal and Fish Genetic Resources of India.

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- Appointed Principal Secretary of the Ministry of Agriculture, Government of India in the year 1979.
- President of Food and Agriculture Organization (FAO) from 1981 to 85.
- President of International Union for Conservation of Nature and Natural Resources (IUCN) from 1984 to 90.
- President of World Wide Fund for Nature-India from 1988 to 96.
- Chairman of National Farmers Commission (NCF): Formed in 2004 to address the issue of farmers suicide in India.
- In November 1964, farmers of Jaunti village in Delhi started the Green Revolution by planting Sonora 64 and Lerma Rojo 64A wheat.

#### **Major Awards:**

- Ramon Magsaysay Award, First World Food Prize (1987), Tyler Prize (1991), Honda Prize (by Japan for Environmental Technology), Henry Shaw Medal (USA), Mahatma Gandhi Gold Medal (UNESCO)
- The Government of India has conferred 'Padma Shri' (1967), 'Padma Bhushan' to M. S. Swaminathan (1972), 'Padma Vibhushan' (1989) and Bharat Ratna (9 February, 2024).

#### Major books:

- Science and Sustainable Food Security
- I predict a century of hope towards an era of harmony with nature and freedom from hunger
- 50 Years of Green Revolution: An Anthology of Research Papers
- Groves of beauty and plenty: an atlas of major flowering trees in India

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### Kartavya Bhawan-3 inaugurated

#### **○** Why in News?

■ On August 6, 2025, the Prime Minister inaugurated the common Central Secretariat building 'Kartavya Bhawan-3', built on Kartavya Path in New Delhi under the Central Vista Project.



#### Main Point

- This is the first of several upcoming Common Central Secretariat buildings aimed at streamlining administrative processes and enabling agile governance.
- There will be a modern office complex of about 1.5 lakh square metres spread over two basements and seven floors. It houses key ministries such as Home, External Affairs, Rural Development, MSME, Department of Personnel and Training (DOPT), Petroleum and Natural Gas and offices of the Principal Scientific Adviser and Intelligence Bureau.

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- The new building includes secure workplaces, ID card-based entry control, integrated electronic surveillance, and a centralized command system under a modern governance framework.
- It will also promote sustainability with double-glazed façades, rooftop solar, solar water heating, advanced heating, ventilation and air conditioning systems, and rainwater harvesting.
- The facility will promote eco-awareness through zero-discharge waste management, internal solid waste processing, e-vehicle charging stations and extensive use of recycled building materials.

#### **Other Key Points:**

**Central Vista Redevelopment Project:** 

- Launch: Year 2019
- Ministry: Ministry of Housing and Urban Affairs.
- Objective: To strengthen administrative infrastructure by creating new facilities for various institutions of the Government of India.
- Redevelopment Works: Construction of a new Parliament building, new residences and offices for the Vice President and the Prime Minister, a common Central Secretariat, a Central Conference Centre, renovation of Central Vista Avenue, conversion of old structures into museums, structural changes in Indira Gandhi National Centre for the Arts, National Museum, Vigyan Bhawan, etc.

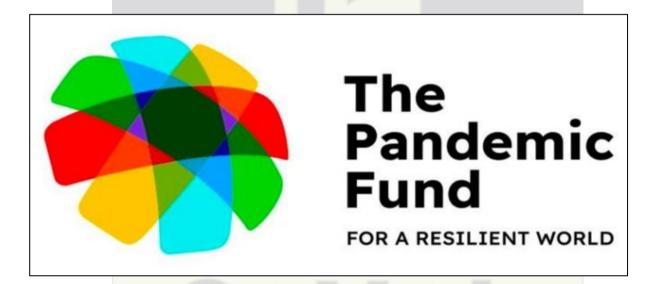
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### **Pandemic Fund Project**

#### **♦** Why in News?

■ On August 5, 2025, Union Minister of State for Fisheries, Animal Husbandry and Dairying shared information about the Pandemic Fund Project in the Lok Sabha.



#### Main Point

- The initiative aims to reduce the risk of the spread of pathogens originating from both domestic and wild animals to people.
- The Department of Animal Husbandry and Dairying has received a grant under the G20 Pandemic Fund Project named "Strengthening Animal Health Security in India for Pandemic Preparedness and Response" launched on October 25, 2024.
- The project has received a grant of US\$ 25 million from the G20 Pandemic Fund, which has been allocated to the three implementing agencies Asian Development Bank, Food and Agriculture Organization and World Bank.

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### 64th National Exhibition of Arts 2025

#### Why in News?

The 64th National Exhibition of Arts (NEA), organised by Lalit Kala Akademi, India's National Academy of Arts, was inaugurated in New Delhi on August 5, 2025.



- Main Point
- For the first time, the award winning artworks at the National Cultural Exhibition (NEA) are available for sale, thereby promoting cultural mapping and artistic livelihoods.
- 20 Lalit Kala Akademi Award winners were also felicitated on the occasion, including senior artists Shri Krishen Khanna, Shri Ram V. Sutar and Smt. Ira Choudhary for their unique lifetime contribution to Indian art and culture.

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- This is in line with the National Cultural Mapping Mission of the Government of India, which aims to identify, support and sustain artistic talent across the country.
- This year's NEA features a selected collection of 283 artworks, selected from over 5,900 submissions received from across India through a two-tier jury process. The mediums on display showcase the diversity and depth of Indian artistic expression across painting, sculpture, graphics, installation, photography and other arts.

#### Two major publications were unveiled during the ceremony:

- The 64th NEA Exhibition catalogue, detailing featured works and artists
- The book "Printmaker for All Seasons" (Padma Shri Shyam Sharma)
- The 64th National Exhibition of Arts will be open to the public on daily basis from August 6 to September 15, 2025.

#### Other important points:

#### Lalit Kala Akademi:

- Lalit Kala Akademi, National Academy of Arts, New Delhi was established by the Government of India on August 5, 1954 as an autonomous body.
- The Akademi was given statutory authority in the year 1957 under the Societies Registration Act 1860.

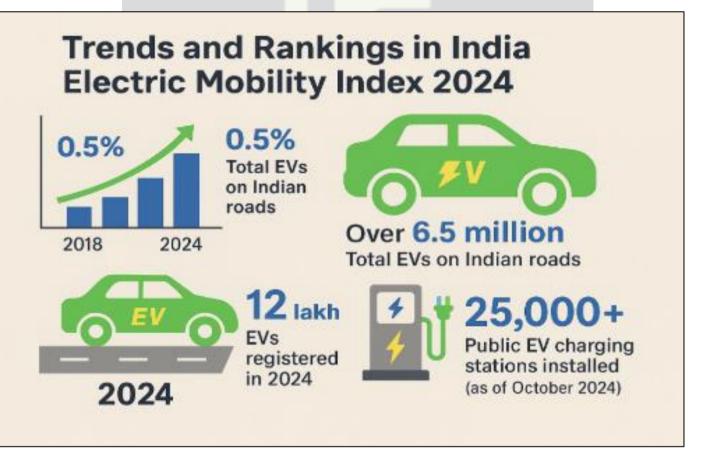
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#### **International**

### **India Electric Mobility Index 2024 (IEMI)**

- **○** Why in News?
- On August 4, 2025, NITI Aayog launched the India Electric Mobility Index 2024 to monitor the progress of states/union territories in India's transition to EV.



- Main Point
- The index was officially launched by NITI Aayog Member Rajiv Gauba.

The index covers three main themes:

- Progress in electrification in transport to meet growing demand.
- Charging infrastructure readiness to track developments in charging infrastructure.

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- State of EV research and innovation, including supply ecosystem and efforts made on research and development.
- Indicators: Tracks all Indian states and union territories based on 16 indicators.
- States are central to India's ambition to reduce emissions in the transport sector and achieve net-zero emissions by 2070.
- The index underlines the importance of state-level coordination, integrated planning and inter-sectoral collaboration in achieving India's electric mobility vision.

Other key points:

**India Mobility Global Expo 2025:** 

- Held: January 17 to 22, 2025 in New Delhi and Greater Noida.
- Objective: To integrate the entire mobility value chain.
- **Features:** Introduced the latest electric models, demonstrated charging infrastructure, battery technology and autonomous vehicle technologies.

3cdb4

Jaipur : NEAR MAHESH NAGAR THANA, GOPALPURA BYPASS ROAD, JAIPUR

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### **Science and Technology**

### **ISRO's HOPE mission**

- **○** Why in News?
- The Indian Space Research Organisation (ISRO) has launched the Himalayan Outpost for Planetary Exploration (HOPE) mission, a crucial analog simulation scheduled to run from August 1 to 10, 2025, in the Tso Kar valley of Ladakh.



- **Main Point**
- The mission will explore future human spaceflight and interplanetary exploration, including missions to the Moon and Mars.
- HOPE is set up in one of Earth's most Mars-like environments a highaltitude cold desert 4,530 metres above sea level, characterised by extreme cold, low air pressure, high ultraviolet radiation and saline permafrost.

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- The HOPE habitat consists of two interconnected modules: an 8-metre-wide living space for the crew and a 5-metre utility unit that houses essential equipment and systems.
- Researchers from leading Indian institutions including IIT Bombay, IIT Hyderabad, IIST Trivandrum, RGCB Trivandrum and Institute of Aerospace Medicine are studying crew health monitoring, operations on planetary surfaces, microorganism collection and advanced medical technologies.

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### **Agni Shodh Research Cell: IIT Madras**

#### **○** Why in News?

■ On August 5, 2025, Chief of Army Staff General Upendra Dwivedi inaugurated the Indian Army Research Cell (IARC) 'Agni Shodh' at the Indian Institute of Technology (IIT) Madras, towards strengthening self-reliance in defense technology.







#### **Main Point**

■ Objective: To integrate academic research with real-time operational applications, thereby supporting the goals of modernization and technology infusion of the Army under the five pillars of transformation.

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- The new research center will focus on converting laboratory-scale innovations into deployable technologies in collaboration with IIT Madras Research Park and institutions like Advanced Manufacturing Technology Development Center (AMTDS) and Pravartak Technologies Foundation.
- It will also support skill development of military personnel in emerging areas such as additive manufacturing, cyber security, quantum computing, wireless communications and unmanned aerial systems.
- The Army Chief presented the Veteran Achievers Award to four distinguished veterans for their continued service to the nation.



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### **Sports**

### Pan American Hockey Cup 2025

- **○** Why in News?
- Argentina won gold medals in both the men's and women's categories at the Pan American Cup 2025 held in Montevideo, Uruguay.



- Main Point
- In the men's final, Argentina defeated the USA to win their fourth consecutive and fifth overall Pan American Cup title.
- Tomas Domene, who scored four goals in the final, was named Player of the Tournament.

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- On the women's side, Argentina defeated the USA to win their seventh consecutive title.
- The USA won silver medals in both categories, while Canada's men and Uruguay's women secured bronze medals. With these results, Argentina's men and USA's women qualified for the 2026 FIH Hockey World Cup to be held in Belgium and the Netherlands.

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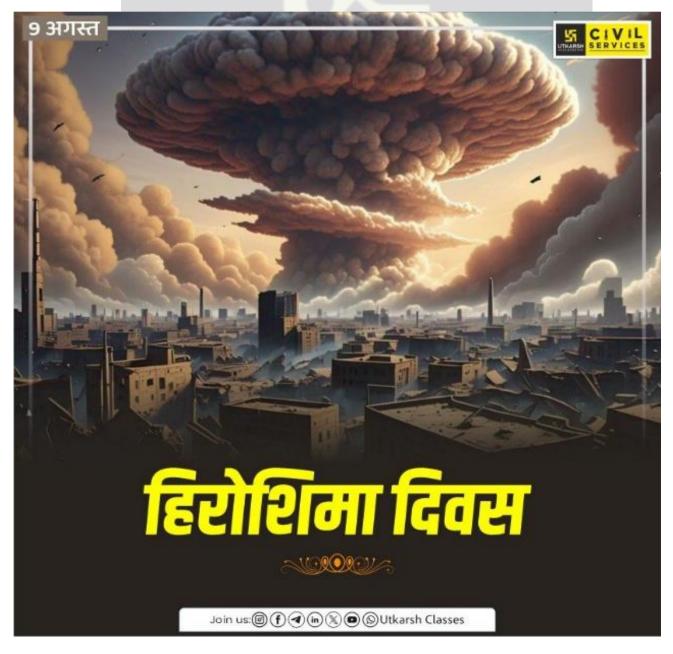
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### **Important Days**

### Hiroshima Day

- **♦** Why in News?
- Hiroshima Day is celebrated every year on 6 August to commemorate the dropping of the atomic bomb on Hiroshima, Japan by the US during World War II.



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#### Main Point

- On 6 August 1945, during World War II, the US dropped an atomic bomb called "Little Boy" on Hiroshima using the B-29 bomber Enola Gay.
- This was the first use of an atomic bomb against a nation globally.
- About 70,000-80,000 people died instantly and many died later from injuries and radiation.
- On 9 August 1945, the US dropped the second atomic bomb "Fat Man" on Nagasaki, which led to Japan's surrender on 15 August 1945 and ended World War II.
- This day plays an important role in making anti-war and anti-nuclear policies a priority in international relations.

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### **News in Shorts**

S. No. News

1. World's first electric cargo plane



- ♦ Recently, China has launched the world's first vertical takeoff and landing cargo aircraft.
- **♦** Its name is V2000 CG Carryall. It is fully electric and can take off vertically like a helicopter as well as cover long distances like a fixed-wing plane.
- ♦ It can cover a distance of 200 km on a single charge and the speed is 200 km per hour.

2. World's largest meditation center



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- **♦** Kanha Shanti Vanam located in Ranga Reddy district of Telangana has become a global center of spiritual peace.
- ★ It is the headquarters of 5000 meditation centers active in 160 countries. The meditation hall built here is considered to be the largest in the world, in which one lakh people can meditate simultaneously.
- ◆ Padma Vibhushan Kamlesh D Patel 'Daaji' and trained volunteers teach meditation to people above 15 years of age for free.

### 3. Country's first girls' FIFA Talent Academy



- ♦ The All India Football Federation (AIFF) and FIFA launched the country's first girls' FIFA Talent Academy in Hyderabad, Telangana. It will provide world-class training to female football talents.
- **♦** The Memorandum of Understanding (MoU) for the academy was signed at the Telangana Sports Conclave, Hyderabad.

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- ♦ The academy is part of FIFA's Talent Development Scheme (TDS).
- **♦** Located at the Gachibowli Stadium Complex in Hyderabad, the academy will provide residential facilities, quality education, medical care, nutrition and mental health services to 30 boys and 30 girls every year.

4.

#### **Underwater vibration sensor**



- **♦** Researchers from IIT Guwahati and Ohio State University (USA) have developed an underwater vibration sensor for automatic, contactless voice recognition.
- ♦ The innovative sensor detects subtle water waves generated by exhalation and converts them into electrical signals interpretable by deep learning models.
- ♦ The technology will be useful for people with speech impairment, and has potential applications in exercise tracking and underwater sensing.

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5.

#### Vedika Bhansali



- ♦ India's Vedika Bhansali emerged champion at the US Kids
   World Championship Golf at Pinehurst Village.
- ◆ Playing in the girls' 9-years category, Vedika shot a total of 10-under to beat Japan's Emi Minami by one shot and American Audrey Zhang by two shots.
- ♦ Bengaluru golfer Aida Thimmaiah (75-68-66) finished third in the girls' 11-years category.