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Today in History on 7 OCT

➤ 1952: The world's first internal pacemaker implanted

Arne Larsson in Sweden was implanted with an internal pacemaker on October 1952. This was the first internal pacemaker implant. It stopped working within three hours. Surgery had to be done the next day. Larsson lived until 2001 and underwent several surgeries in which more than 25 units were replaced.



➤ 1932: Indian Air Force was formed.

The Indian Air Force is a part of the Indian Armed Forces which does the important work of air warfare, air defense, and air surveillance for the country. It was established on October 1932. Before independence (declared a full republic in 1950), it was known as the Royal Indian Air Force and played an important role in the Second World War of 1945. After independence (declared a full republic in 1950), the word "Royal" was removed from it and it became just "Indian Air Force".



➤ 1919: World's first transcontinental air race

The first transcontinental air race began on October 1919. A total of 63 airplanes participated in it, including 15 from San Francisco and 48 from New York. These planes had to complete a round-trip of 5,400 miles. Lieutenant Belvin Maynard returned to New York in three days and 21 hours and won this championship.



➤ 1998: India became a member of the Flight Safety Foundation.





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On October 1998, India became a member of the Flight Safety Foundation. The Flight Safety Foundation (FSF) is a non-profit, international organization engaged in research, education, advocacy and communication in the field of aviation safety. The FSF brings together aviation professionals to help solve safety problems and to bring an international perspective on issues relating to aviation safety to the public.



Important NEWS on 7 OCT

National News

India's First Dugong Conservation Reserve Gets IUCN Recognition

➤ 2000: Vojoslav Kostunica became the President of Yugoslavia.

In the year 2000, Vojoslav Kostunica became the President of Yugoslavia. Yugoslavia was a former federal country in Europe located in the west-central part of the Balkan Peninsula. It was founded in 1918. In 1946, it became a socialist union of six republics. The names of these republics were: Croatia, Montenegro, Serbia, Slovenia, Bosnia and Herzegovina, Macedonia.

In a landmark for marine conservation, the International Union for Conservation of Nature (IUCN) officially recognized India's first Dugong Conservation Reserve, located in Palk Bay, Tamil Nadu, during the 2025 IUCN World Conservation Congress. This recognition marks a crucial step in safeguarding one of India's most endangered marine mammals — the dugong.

Key Points:-

- Established in September 2022 by the Government of Tamil Nadu under the Wildlife Protection Act, 1972, the Dugong Conservation Reserve covers an area of 448.34 square kilometers in northern Palk Bay.





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- The area contains over 12,250 hectares of seagrass meadows, which are essential grazing grounds for dugongs, also known as "sea cows."
- These meadows also act as carbon sinks and breeding grounds for many marine species, enhancing coastal biodiversity and fish production.

Location and Establishment: The reserve, which spans 448.34 sq. km in the northern Palk Bay, was established by the Government of Tamil Nadu in September 2022 under the Wildlife (Protection) Act, 1972.

Target Species: The primary focus is the conservation of the Dugong (Dugong dugon), a large, gentle, herbivorous marine mammal often nicknamed the "Sea Cow." The dugong is listed as Vulnerable on the IUCN Red List.

Ecological Significance: The area is crucial because it hosts over 12,250 hectares of seagrass meadows, which are the dugong's sole food source. These meadows are vital for marine biodiversity, acting as breeding grounds for many other marine species and functioning as significant "blue carbon" sinks.

Significance of IUCN Recognition:

It provides global validation of India's and Tamil Nadu's efforts in marine conservation, particularly the innovative, community-led approach.

- It positions the reserve as a replicable model for dugong and seagrass conservation for other nations in the Indian Ocean region.
- It brings international attention, collaboration, and potential funding to

protect the endangered dugong population (estimated at about 200 in India, with the majority in this region) and their essential seagrass habitat.

Government Hikes Minimum Support Prices for Rabi Crops

The Union Cabinet, led by Prime Minister Narendra Modi, has approved a significant Minimum Support Price (MSP) hike for all mandated Rabi crops for the 2026-27 marketing season. This decision aims to ensure better returns for farmers and promote crop diversification. Alongside this, a major initiative—the Mission for Aatmanirbharta in Pulses—was also launched to reduce import dependency and increase domestic production.

MSP FOR RABI CROPS

- Cabinet approves increase in MSP for all mandated Rabi Crops for Marketing Season 2026-27
- Absolute highest increase in MSP has been announced for Safflower at 2600 per quintal followed by Lentil (Masur) at 300 per quintal
- MSP raised by ₹ 250 for Rapeseed & Mustard, ₹ 225 for Gram, ₹ 170 for Barley, and approx 160 for Wheat per quintal

What is MSP? The Minimum Support Price is a floor price set by the government to protect farmers from sharp falls in market prices. It is the assured price at which government agencies will buy the produce.

Key Objective of the Hike:

Ensure Remunerative Prices: To provide better returns to farmers by fixing the MSP at a level of





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at least 1.5 times the all-India weighted average cost of production, fulfilling a long-standing government commitment.

Incentivize Production and Diversification: The higher prices, particularly for oilseeds and pulses, are intended to encourage farmers to cultivate these crops. This is crucial for reducing India's reliance on imports, especially for edible oils and pulses.

Major Hikes: The highest absolute increase was for Safflower, followed by Lentil (Masur) and Rapeseed & Mustard.

The MSP for Wheat (the main Rabi crop) was also significantly increased.

Significance: The move is a major step toward enhancing farmer income and promoting food security by encouraging the domestic production of essential crops like pulses, where India still faces a gap between demand and supply. The government concurrently launched a major initiative, the Mission for Aatmanirbharta in Pulses, to support this goal.

International News

India Re-Elected to ICAO Council's Part II Category

India has been re-elected to Part II of the Council of the International Civil Aviation Organization (ICAO), a specialized agency of the United Nations. The re-election, announced during the 42nd ICAO Assembly in Montreal, Canada, reaffirms India's status as one of the largest contributors to international civil air navigation infrastructure.

ICAO Council Part II Category

The ICAO Council, the governing body of the specialized UN agency, consists of 36 member states elected in three parts:

Part I: States of chief importance in air transport.

Part II: States making the largest contribution to the provision of facilities for international civil air navigation. (This is the category India was re-elected to).

Part III: States ensuring geographic representation.

Significance of India's Re-Election

India's continuous presence on the Council (it's a founding member) and its re-election to the Part II category specifically highlights its crucial technical and infrastructural contribution to global air navigation. The re-election reflects:

- Recognition of Contribution:** It acknowledges India's status as one of the world's fastest-growing aviation markets and its substantial investment in, and provision of, facilities necessary for international flights, such as air traffic services and navigation aids.
- Influence on Global Policy:** It allows India to maintain a strong voice and actively participate in shaping international aviation standards, policies, and regulatory frameworks related to safety, security, sustainability, and efficiency for the entire global air transport system.
- Diplomatic Success:** The re-election, often secured with a high number of votes, demonstrates strong global confidence in India's commitment to





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ICAO's objectives and its leadership role in the civil aviation world.

The significance of India's re-election to the International Civil Aviation Organization (ICAO) Council's Part II Category is multifaceted, reflecting its rising stature and technical importance in global aviation.

Global Influence and Policy Making

Shaping Global Standards: Continued presence on the 36-member Council allows India to be an active participant in setting global aviation standards (SARPs) for safety, security, and air navigation. This is crucial for safeguarding its national aviation interests and ensuring its own rapidly expanding sector remains harmonized with international norms.

Voice in Governance: It reinforces India's role in global aviation governance, enabling it to influence future policy directions, particularly on pressing issues like climate change (sustainable aviation fuels) and technological innovation.

Recognition of Technical Contribution (Part II Mandate)

Major Contributor Status: Re-election to Part II, specifically for "States making the largest contribution to the provision of facilities for international civil air navigation," acknowledges India's substantial investment and technical efforts in air traffic services, navigation aids, and air route infrastructure.

Global Confidence: Securing the re-election, often with an increasing mandate, reflects the strong confidence of ICAO member states in India's technical capability and commitment to safe, secure, and sustainable global air travel.

Diplomatic Leverage and Aviation Growth

Elevated Diplomatic Stature: The success is a diplomatic victory that highlights India's growing soft power and influence on the international stage, especially in a strategic sector like civil aviation.

Fastest-Growing Market: As one of the world's fastest-growing aviation markets, the Council seat ensures India can align its domestic expansion (new airports, MRO hubs) with global frameworks, benefiting its airlines, manufacturers, and tourism sector.

Supporting Developing Nations: India is committed to supporting ICAO's "No Country Left Behind" initiative, using its position to assist developing nations in improving their own aviation infrastructure and safety oversight.

Sports

India Clinches One-Two in Men's Javelin F44 at World Para Athletics

India produced a stunning one-two finish in the Men's Javelin Throw F44 at the 2025 World Para Athletics Championships, with Sandip Sanjay Sargar winning gold and Sandeep Chaudhary taking silver. This performance added to India's growing medal tally at the championships and underscored the nation's strength in para-athletics.

Key Points:-

- Sandeep Sanjay Sargar won the gold medal with a personal best throw of 62.82 meters in his fifth attempt, becoming the world champion in the F44 javelin throw. Sandeep Chaudhary won





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the silver medal with a season's best throw of 62.67 meters.

- Both India's strong efforts secured a first-second place finish, with Brazil's Edenilson Roberto taking the bronze with a throw of 62.36 meters.
- This result brought India's total medal tally to eight at the championships.
- The Achievement: India clinched the top two spots (Gold and Silver) in the Men's Javelin F44 category.
- The Winners:

Gold Medal: Sandip Sanjay Sargar (with a personal best throw).

Silver Medal: Sandeep Chaudhary (with a season-best throw).

Significance: A "one-two finish" is a rare and dominant performance where athletes from the same country win both the gold and silver in a single event, highlighting India's growing dominance in Para-Athletics field events, particularly the Javelin throw.

(Note: The F44 classification is for athletes with a leg impairment who compete without a prosthetic or use a prosthesis not designed for running, or a functional disability of one or both legs, such as the absence of a foot or ankle, or shortened limb.)

In a significant structural shift, the Reserve Bank of India (RBI) has set up a new six-member Payments Regulatory Board (PRB) to oversee and regulate India's payment systems. This move comes at a time when India's digital payment landscape is expanding rapidly, requiring more focused and adaptable oversight. The PRB replaces the earlier Board for Regulation and Supervision of Payment and Settlement Systems (BPSS) and will function with broader authority and a more inclusive structure, ensuring transparency, efficiency, and security in both domestic and cross-border payment systems.

Replaced Existing Body: The PRB replaces the older Board for Regulation and Supervision of Payment and Settlement Systems (BPSS), which was an internal sub-committee of the RBI's Central Board.

Enhanced Regulatory Focus: The PRB provides a dedicated, high-level, and specialized board to regulate and supervise all payment and settlement systems in India under the Payment and Settlement Systems (PSS) Act, 2007.

Inclusion of Government Nominees: The most significant change is the composition. The six-member PRB is chaired by the RBI Governor but also includes three nominees from the Central Government (Secretaries from the Department of Financial Services and Ministry of Electronics & IT, and an external expert).

Significance of New Composition:

- It ensures greater coordination between the RBI (the regulator) and the Government (which drives the Digital India vision).

Banking/Economy

RBI Sets Up Payments Regulatory Board





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- It brings in diverse expertise in law, IT, and financial policy, which is essential for regulating a constantly evolving technology-driven sector.
- It aims to provide a more agile and comprehensive regulatory framework to handle the exponential growth and complexity of India's digital payments market.

Awards

India Honoured with ISSA Award for Expanding Social Security Coverage

At the World Social Security Forum (WSSF) 2025 held in Kuala Lumpur, Union Minister Dr Mansukh Mandaviya highlighted India's remarkable journey in expanding social security coverage. He stated that over the last decade, India's coverage rose from 19 percent in 2015 to 64.3 percent in 2025, reaching over 940 million citizens — an achievement officially recognised by the International Labour Organization (ILO).

Massive Coverage Expansion: India's social security coverage dramatically increased from 19% in 2015 to 64.3% in 2025, now covering over 940 million citizens.

Digital Innovation: A major factor was the use of digital public infrastructure for efficient last-mile delivery of benefits. Key platforms highlighted include:

The e-Shram portal, a national database connecting over 310 million unorganised workers to various welfare schemes.

The National Career Service (NCS) portal, which links job seekers and employers.

Holistic Approach: The government adopted a strategy that combines policy reforms, process improvements, and digital innovation to strengthen the social safety net. This includes financial inclusion, skill development, and self-employment support.

Global Recognition: The award, presented triennially at the World Social Security Forum, makes India only the fifth country to receive this highest recognition from ISSA since its inception in 2013.

State News

Fire & rescue dept clears 4,390 firecracker shops ahead of festive season

Tamil Nadu fire and rescue services approved 4,390 applications for firecracker shops out of 6,578 they received ahead of Diwali. The licensing process was carried out under Explosives Act after inspections to ensure compliance with safety norms. The licensing process was carried out under Explosives Act after inspections to ensure compliance with safety norms. Joint director of fire and rescue services G Sathyanarayanan said 186 applications were rejected as the applicants failed to meet safety conditions, and 2,002 other applications are under review.





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Current affairs MCQS on 7 OCT

Q.1. Who recently launched the 'Interview Anecdotes' portal?

- (A) SSC
- (B) UPSC
- (C) UPPCS
- (D) BPSC

Answer: (B) UPSC

The Union Public Service Commission has played a vital role in shaping the administrative backbone of India. The UPSC has entered its 100th year of establishment. The function was inaugurated by the Chairman UPSC. On this occasion, UPSC Chairman Ajay Kumar also unveiled a new logo reflecting the Commission's glorious past and vision for the future. The 100-year journey of the UPSC has been a symbol of nation-building, excellence, and impartiality. Established in 1926, the institution has strengthened the country's governance system by selecting deserving candidates for the civil services. The "Interview Tales" portal was also launched in this centenary year.

Q.2. India's first dugong conservation reserve was recently recognized by which international body?

- (A) UNEF
- (B) UNESCO
- (C) IUCN
- (D) WWF

Answer: (C) IUCN

The International Union for Conservation of Nature (IUCN) officially recognized India's first dugong conservation reserve at the World Conservation Congress 2025. This is India's first dugong conservation reserve, notified by the Tamil Nadu government on September 21, 2022, under the Wildlife Protection Act, 1972. It covers the northern Palk Bay region of Thanjavur and Pudukottai districts.





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Q.3. Where was the 69th Dhamma Chakra Pravartan Day celebrated in 2025?

- (A) Nagpur, Maharashtra
- (B) Bodhgaya, Bihar
- (C) Sanchi, Madhya Pradesh
- (D) Lumbini, Nepal

Answer:(A) Nagpur, Maharashtra

In 2025, the 69th Dhamma Chakra Pravartan Day was celebrated at Deekshabhoomi in Nagpur, Maharashtra. This historic site is visited by millions of devotees each year for this important Buddhist event. The celebration honors Dr. B.R. Ambedkar's conversion to Buddhism in 1956 and symbolizes equality and social reform.

Q.4. Who recently won the 62nd National Chess Championship 2025?

- (A) R. Praggnanandhaa
- (B) Vidit Gujarathi
- (C) P. Iniyar
- (D) Nihal Sarin

Answer:(C) P. Iniyar

Grand Master P. Iniyar of Tamil Nadu has won the 62nd National Chess Championship. He achieved the feat with seven wins and four draws in eleven games in Guntur, Andhra Pradesh. Iniyar remained unbeaten in the tournament. He received a prize of ₹6 lakh, while the runner-up, 15-year-old International Master H. Gautam Krishna of Kerala, received ₹5 lakh.

Q.5. Who recently received the National Dhanvantari Ayurveda Award for the year 2025?

- (A) Prof. Banwari Lal
- (B) E.T. Neelakantan
- (C) Bhavana Parashar
- (D) All of the above

Answer:(D) All of the above

The Ministry of AYUSH has honored Prof. Banwari Lal Gaur, Vaidya Neelkandhan Moos E.T., and Vaidya Bhavana Parashar with the National Dhanvantari Ayurveda Award 2025 for their outstanding contributions to Ayurveda in the academic,

traditional, and scientific fields. These awards recognize those who have made significant contributions to the promotion, preservation, and advancement of Ayurveda. This year's awardees represent a unique confluence of classical scholarship, living tradition, and scientific innovation.

Q.6. Which Union Minister recently inaugurated the NIELIT Digital University (NDU) platform?

- (A) Rajiv Chandrashekar
- (B) Ashwini Vaishnav
- (C) Anurag Thakur
- (D) Dharmendra Pradhan

Answer:(B) Ashwini Vaishnav

In a significant step toward expanding digital education opportunities across India, Union Minister Ashwini Vaishnav inaugurated the NIELIT Digital University (NDU) platform in New Delhi. Launched under the Ministry of Electronics and Information Technology, the initiative aims to make advanced technical education more accessible, especially in underserved areas.

Q.7. In which city was the 11th World Green Economy Summit 2025 recently held?

- (A) Dubai
- (B) New Delhi
- (C) Geneva
- (D) Paris

Answer:(A) Dubai

The 11th World Green Economy Summit (WGES) opened at the World Trade Centre in Dubai, attracting over 3,300 participants from over 30 countries. The two-day summit, themed "Accelerating the Future of a Green Economy Driven by Innovation," brought together policymakers, business leaders, investors, and innovators. Its primary objective is to establish Dubai as a global hub for sustainable development and climate action.





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Q.8. The 'Adarsh Yuva Gram Sabha' initiative will be launched by the Government of India in collaboration with which ministry?

- (A) Ministry of Rural Development
- (B) Ministry of Women and Child Development
- (C) Ministry of Panchayati Raj, Education and Tribal Affairs
- (D) Ministry of Home Affairs

Answer:(C) Ministry of Panchayati Raj, Education and Tribal Affairs

To prevent Generation Z from going astray, the Government of India is taking the initiative to introduce children to democracy at the school level. The Ministry of Panchayati Raj, the Ministry of Education, and the Ministry of Tribal Affairs will jointly organize the Model Youth Gram Sabha competitions. Students in grades 9 to 12 will understand their constitutional rights and learn how to resolve problems democratically.

Q.9. Who recently became the first person to achieve a net worth of \$500 billion?

- (A) Warren Buffett
- (B) Elon Musk
- (C) Larry Ellison
- (D) Jeff Bezos

Answer:(B) Elon Musk

Tesla CEO Elon Musk has made history by becoming the world's richest person with a net worth of \$500.1 billion, according to the Forbes Real-Time Billionaires Tracker (October 2025). With this achievement, Musk is about \$150 billion ahead of Oracle co-founder Larry Ellison, who is currently the second-richest person.

Q.10. Which agency recently launched the IMAP mission?

- (A) NASA
- (B) ISRO
- (C) SpaceX
- (D) ESA

Answer:(A) NASA

The National Aeronautics and Space Administration (NASA) recently launched the Interstellar Mapping and Acceleration Probe (IMAP) mission. Its goal is to understand how solar particles are energized and how the heliosphere protects Earth. IMAP is located at the first Lagrange point (L1) of the Earth-Sun alignment, approximately 1 million miles from Earth.

Q.11. Where was the 11th World Green Economy Summit (WGES) 2025 held?

- (A) Dubai
- (B) Abu Dhabi
- (C) Riyadh
- (D) Cairo

Answer:(A) Dubai

The 11th World Green Economy Summit (WGES) was held at the Dubai World Trade Centre. It was attended by over 3,300 participants from more than 30 countries. The theme was "Innovation for Impact: Accelerating the Future of the Green Economy." Small and medium enterprises (SMEs) were highlighted as crucial for sustainable technologies. The Arab Foundations Forum launched the first Arab Regional Climate Commitment. Nearly 80 international speakers shared their views on renewable energy, the circular economy, and accountability. The Global Alliance on a Green Economy (GAGE) unveiled its key initiatives for 2024-2025.

Q.12. Which institution launched a tool called "SARAL" to make scientific research more accessible?

- (A) National Research Foundation for Scientific Research (ANRF)
- (B) Council of Scientific and Industrial Research (CSIR)
- (C) NITI Aayog
- (D) Ministry of Skill Development

Answer:(A) National Research Foundation for Scientific Research (ANRF)





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The National Research Foundation (ANRF) has launched SARAL (Simplified and Automated Research Amplification and Learning) to make research easy and accessible. SARAL uses artificial intelligence (AI) to simplify complex research into videos, podcasts, posters, and presentations.

Q.13. Which state/union territory has become the first state in India to conduct a complete snow leopard population assessment?

- (A) Sikkim
- (B) Arunachal Pradesh
- (C) Himachal Pradesh
- (D) Ladakh

Answer:(C) Himachal Pradesh

Himachal Pradesh recorded 83 snow leopards in 2025, up from 51 in 2021. The survey was conducted by the wildlife wing of the state forest department in collaboration with the Nature Conservation Foundation (NCF). It covered 26,000 square kilometers of Spiti Valley, Kinnaur, Pangi, Lahaul, and the Great Himalayan National Park. Himachal Pradesh became the first state in India to estimate the snow leopard population. For the first time globally, local women of Kibber were involved in data analysis. This exercise established a cost-effective and scalable model for long-term monitoring. It is listed as vulnerable on the International Union for Conservation of Nature (IUCN) Red List.

Q.14. What is the causative agent of false smut disease, recently in the news?

- (A) Bacteria
- (B) Virus
- (C) Fungi
- (D) Protozoa

Answer:(C) Fungi

Incessant rain and flooding in Punjab has prevented farmers from spraying antifungals. This has led to an increase in the incidence of false smut, locally known as turmeric disease, in rice crops. False smut is a major fungal disease of rice caused by the fungus

Ustilaginoidea virens. The fungus attacks during the flowering stage, but symptoms appear after panicle emergence. A black fungus grows on infected grains, which is later covered by a yellowish fungus. This reduces seed germination and significantly reduces yields, depending on the level of infection.

Q.15. Lecanemab, a drug recently in the news, is used to treat which disease?

- (A) Multiple sclerosis
- (B) Tuberculosis
- (C) Alzheimer's disease
- (D) Huntington's disease

Answer:(C) Alzheimer's disease

Australia recently approved lecanemab for early-stage Alzheimer's disease. Dementia causes progressive loss of memory and thinking ability and is now the leading cause of death in Australia. Alzheimer's disease accounts for 60-80% of dementia cases. Lecanemab is a monoclonal antibody drug that targets amyloid proteins in the brain. It aims to slow the progression of Alzheimer's disease by controlling not only its symptoms but also its causes. The drug uses antibodies to mark amyloid for removal by the brain's immune cells, preventing toxicity to brain cells.

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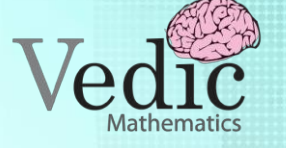
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