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**MONTHLY CURRENT AFFAIRS
EBOOK
OCTOBER 2025**

**YOUR GUIDE TO
MOST IMPORTANT
CURRENT AFFAIRS
AND EVENTS OF THE
MONTH.**

IAS | BANKING | SSC | NDA/CDS | AND OTHER COMPETITIVE EXAMS

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One Liners Current Affairs 31 Oct 2025: AICTE Has Partnered With IBM to Set up an AI Lab

One Liners Current Affairs 31 October 2025: Here's a fresh and concise presentation of today's one-liner current affairs. These updates are highly important for upcoming competitive exams and will help boost your preparation. Today's highlights include topics like National Unity Day 2025 and more key national updates.

1. National Unity Day is observed every year on – 31 October
2. This year marks the 150th birth anniversary of Sardar Vallabhbhai Patel
3. Prime Minister Narendra Modi will inaugurate projects worth 14,260 crore in Chhattisgarh on 1 November
4. AICTE has partnered with IBM to set up an Artificial Intelligence (AI) Lab at its headquarters
5. The 8th International Solar Alliance (ISA) Conference was held in New Delhi
6. Mrs. Punya Salila Srivastava, Union Health Secretary, chaired the annual meeting of the Norway–India Partnership Initiative
7. Minister of State for Heavy Industries Bhupathi Raju Srinivasa Varma launched the second edition of the ministry's Hindi magazine "Udyog Bharti"

[ICC Women's World Cup Final 2025](#)

One Liners Current Affairs 30 Oct 2025: National FPO Conclave 2025

One Liners Current Affairs 30 Oct 2025: One-liner current affairs are being presented in a new style. All these updates are very important from an exam point of view and will prove helpful for your preparation. Today's highlights include topics related to Indo-Pacific Regional Dialogue 2025, National FPO Conclave 2025, etc.

1. Which became the first non-NATO country to participate in Exercise Ocean Sky 2025 - **India**
2. In which city is the international dance and music festival 'Udbhav Utsav 2025' being organized - **Gwalior**
3. Where did Union Home Minister Amit Shah recently launch 'Deep Sea Fishing Vessels' under the PM Matsya Sampada Yojana - **Visakhapatnam**
4. Where is the Indo-Pacific Regional Dialogue 2025 being organized - **New Delhi**
5. Who has recently been elected as the 10th President of Ireland - **Catherine Connolly**
6. Which Delhi Metro line will receive the prestigious Chennai-based Indian Concrete Institute (ICI) award - **Maujpur-Majlis Park Corridor**
7. Which two digital platforms were launched by the Union Coal and Mines Minister to promote transparency and digital governance in the coal sector - **Coal Shakti Dashboard and Clamp Portal**
8. Where was the Asia Pacific Cities Summit (2025 APCS) 2025 organized for the first time - **Dubai**
9. Who inaugurated the National FPO Conclave 2025 - **Shivraj Singh Chouhan**
10. Mazagon Dock Shipbuilders Limited has recently signed an agreement with which company for the design and construction of Landing Platform Docks - **Swan Defense and Heavy Industries Limited (SDHI)**

Bihar Voter List 2025

India to Get its First Made in India Passenger Aircraft; Which Company is given the Responsibility?

India is all set to get its very own Made in India passenger aircraft. Hindustan Aeronautics Limited (HAL) and United Aircraft Corporation (UAC) of Russia have partnered to develop the SJ-100 aircraft, which will be the first passenger aircraft manufactured in India. Despite the US's disapproval, the development shows India's increasing involvement with Russia.

HAL to Manufacture SJ-100 Passenger Aircraft in India

According to HAL, the narrow-body, twin-engine SJ-100 will be a "game changer" for short-haul connectivity under the Modi government's UDAN program. The program was introduced in 2016 with the goal of improving tier-II and tier-III cities' regional connectivity.

According to the Memorandum of Understanding, HAL will be able to produce the aircraft for domestic clients as part of a major push for self-reliance. More than 16 airline operators currently operate more than 200 SJ-100 aircraft that have been manufactured.

First Passenger Plane Fully Made in India

Additionally, this will be the first time that an entire passenger airplane is manufactured in India. The production of AVRO HS-748 by HAL, which began in 1961 and concluded in 1988, was the final such project, according to a statement from HAL.

The aviation industry will need more than 200 of these narrow-body aircraft for regional connectivity over the course of the next ten years. "It's a step towards fulfilling the dream of 'Aatmanirbhar Bharat' in the civil aviation sector," HAL continued.

SJ-100: Key Features and Performance

According to information on the United Aircraft Corporation website in Russia, the SJ-100 has a 3,530-kilometer flight range and can carry 103 passengers.

The aircraft's capacity to operate in all climate zones with temperatures ranging from -55 to 45 degrees and its cheap operating expenses are its most notable qualities.

Despite Washington's discomfort, India and Russia are increasing their interaction in all areas. The US has already levied an additional 25% duty, bringing the total to 50% because of India's continuous purchase of Russian oil.

8th Pay Commission Latest News: Terms of Reference Approved

The 8th Pay Commission's Terms of Reference (ToR), which will update the pay of about 50 lakh central government employees, has finally been approved by the Union cabinet. The Commission will be chaired by former Supreme Court judge Ranjana Prakash Desai.

I&B minister Ashwini Vaishnaw stated at a Cabinet briefing on Tuesday that the Eighth Pay panel will give recommendations within 18 months and that it is expected to take effect on January 1, 2026.

8th Pay Commission Approved

The Cabinet authorized the establishment of the 8th Pay Commission in January with the goal of updating the pay and benefits of around 69 lakh pensioners and central government employees.

Members of the 8th Pay Commission

The Commission will be led by Justice Ranjana Prakash Desai, with Professor Pulak Ghosh serving as a member and Pankaj Jain serving as the member-secretary.

Government Finalized Terms of Reference (ToR)

Ashwini Vaishnaw announced choices during the Cabinet briefing on Tuesday, stating that the ToR has been finalized following deliberations with staff members of the joint consultative machinery, state governments, and several ministries.

In July, the administration told Parliament that it had consulted with states, the Department of Personnel and Training, the defense and Home Ministries, and other key stakeholders regarding the establishment of the 8th Central Pay Commission.

Implementation Timeline of the 8th Pay Commission

Union Minister of State for Finance Pankaj Chaudhary had previously

stated that the implementation will begin "once the recommendations are made by the 8th CPC and are accepted by the government," when asked when the updated pay scales for employees and pensioners would be put into effect.

The Center typically appoints the Pay Commission every ten years to update government employees' compensation.

History of Pay Commissions in India

Established in February 2014, the 7th Pay Commission's recommendations went into effect on January 1, 2016.

When Will the 8th Pay Commission Come Into Effect?

The 8th Pay Commission is scheduled to go into effect on January 1st, 2026.

Dearness allowance (DA) is paid to central government employees to make up for the decline in the real value of their salary due to inflation; the rate of DA is updated every six months based on the rate of inflation.

One-Liners Current Affairs 27 Oct 2025: Next Chief Justice of India

One-Liner Current Affairs October 27, 2025: Stay updated with the latest one-liner current affairs, presented in a new and engaging format. These crucial updates are highly relevant for competitive exams and will significantly aid your preparation. Today's highlights include topics related to the ASEAN-India Summit 2025 and Cyclone Montha.

- CJI B.R. Gavai's Successor: Justice Suryakant has been recommended as the next Chief Justice of India.
- World Audiovisual Heritage Day: Celebrated annually on October 27.
- Aurangabad Railway Station Renamed: The railway station in Maharashtra is now called Chhatrapati Sambhajnagar Railway Station.
- FIFA ASEAN Cup: FIFA has launched this new regional tournament to promote football development in Southeast Asia.
- PM Narendra Modi's Participation in ASEAN-India Summit: This was PM Modi's 12th participation in the 22nd ASEAN-India Summit.
- Cyclone Montha's Origin: The name for the recently discussed Cyclone "Montha" was suggested by Thailand.
- Infantry Day in India: Observed every year on October 27.

[Current Affairs Quiz 27 Oct 2025](#)

Current Affairs One-Liners 24 Oct 2025: Where was Shaurya Van inaugurated?

Current Affairs One-Liners: October 24, 2025 Jagran Josh presents today's one-liner current affairs for students preparing for competitive exams and informed readers. This section includes important questions for exams related to United Nations Day 2025, FIDE World Cup 2025, and more.

- DPIIT Partnership: DPIIT has signed an MoU with Primus Partners Private Limited to strengthen the startup ecosystem.
- International Snow Leopard Day: Celebrated annually on October 23.
- CQUM Member Secretary: Tarun Kumar Pithode has taken charge as the new full-time Member Secretary of the Commission for Air Quality Management (CQUM) in NCR and adjoining areas.
- DPIIT Bank MoU: DPIIT has collaborated with Kotak Mahindra Bank to enhance financial and non-financial support for startups.
- FIDE World Cup 2025 Venue: To be held in Goa.
- ASEAN Summit 2025 Venue: To be held in Malaysia.
- United Nations Day: Celebrated annually on October 24.
- India-Bhutan Border Meeting: The 14th India-Bhutan border management and security meeting was recently held in Thimphu, Bhutan.
- Shaurya Van Inauguration: Defence Minister Rajnath Singh recently inaugurated 'Shaurya Van' in Jaisalmer, Rajasthan.

[Current Affairs Quiz October 24, 2025](#)

Current Affairs One Liners Oct 23, 2025: Who Recently Became Japan's First Female PM?

Today's Current Affairs One-Liners 23 Oct 2025: Jagran Josh offers a concise overview of today's current events, ideal for competitive exam preparation and general knowledge. This section highlights key topics such as Japan's first female Prime Minister, the International Convention Against Doping in Sport, and JAIMEX–25, all crucial for exam success.

1. Which athlete was recently awarded the rank of Lieutenant Colonel in the Territorial Army? **Neeraj Chopra**
2. India was recently re-elected as the Vice-Chairperson of the COP10 Bureau of which organization? **International Convention Against Doping in Sport**
3. President Droupadi Murmu unveiled the statue of whom at Kerala Raj Bhavan? **Former President KR Narayanan**
4. Which Indian Navy ship participated in the Japan-India Maritime Exercise (JAIMEX–25)? **INS Sahyadri**
5. Who recently became Japan's first female Prime Minister? **Sanae Takaichi**
6. In which state will the 5th edition of the Khelo India University Games be organized? **Rajasthan**
7. India and the United Kingdom recently launched which new scientific fellowship program? **Ramanujan Junior Researchers Program**
8. Coal India Limited and IIT Madras have signed an MoU for the establishment of which center? **Center for Sustainable Energy**

[PF Withdrawal New Rules 2025](#)

Current Affairs Quiz 23 Oct 2025

Bamboo Project Launched for Kolam Tribe in Telangana's Adilabad Under Green India Challenge

In a major drive for sustainable development and tribal welfare, a pilot Bamboo Plantation Project has been launched at Mullagutta 2 village, Adilabad district of Telangana, under the Green India Challenge (GIC) initiative. The project aims to revive the Kolam tribe, a Particularly Vulnerable Tribal Group (PVTG), through the revival of the bamboo cultivation which is the focus of their socio-economic activities.

Objective of the Project

The bamboo plantation scheme is aimed at encouraging livelihood generation, ecological restoration, and regeneration of culture.

Green India Challenge (GIC) is a national movement pledged to forestation and protection of the environment. It calls on citizens, public bodies, and local communities to plant and nurture trees as part of a larger mission to check climate change, soil loss, and loss of biodiversity. The bamboo project in Adilabad forms part of this larger sustainability agenda by connecting climate action to community dividends, setting an example for eco-inclusive tribal development.

The Kolam tribe is one of India's Particularly Vulnerable Tribal Groups (PVTGs), and they are predominantly located in Maharashtra, Telangana, Chhattisgarh, and Madhya Pradesh. In the past, they are dependent on agriculture, forest produce, and fishing for livelihood.

Key features:

- **Language:** The tribe speaks the Kolami language, a Dravidian language with no script; the majority also speak Marathi or Telugu.
- **Society:** They have a patrilineal social organization with clans such as Chal Deve, Pach Deve, Saha Deve, and Sat Deve.
- **Culture:** Kolams share close cultural links with the Gonds, adhering

to nature worship-type rituals. They claim descent from Bhima and Hidimbi of the epic Mahabharata.

- **Traditions:** Their traditions comprise levirate marriage, in which a widow can get married to her deceased husband's brother.
- **Livelihood:** Livelihoods of theirs comprise a combination of cultivation—settled as well as shifting with animal husbandry and forest labor.

Implementation and Support

Bamboo Plantation Project is a venture on five acres of land provided free of cost by philanthropist Tekam Rao Ji Patel at Mullagutta 2. The plantation will introduce fast-growing bamboo species well-suited to the local climate, stimulating ecological regeneration as well as long-term community revenues.

The project will:

- Train the Kolam families in bamboo production and product development.
- Offer a demonstration site for community agroforestry.

The project also aims to encourage local schools to learn about the environment through excursion visits, promoting awareness for sustainable resource management.

Ecological and Socio-Economic Impact

The project is expected to have a twofold effect:

- **Ecological:** Bamboo has high carbon sequestration, soil stabilization, and natural regrowth.
- **Economic:** The project provides employment and raw material security to the Kolam tribe, reviving their traditional crafts and diversifying their income stream.

Through the integration of ecological rehabilitation and socio-economic empowerment, the project contributes to the UN Sustainable Development Goals (SDGs)—chiefly Goals 1 (No Poverty), 13 (Climate Action), and 15 (Life on Land).

The Bamboo Project among the Kolam tribe in Adilabad is a framework for green inclusive environmental development. It reinvents afforestation

efforts by organically interlacing indigenous knowledge, participation of the people, and sustainability of culture. As part of the Green India Challenge, not only does it restore forests, but it gives life to the heritage of one of India's most endangered tribal communities, making growth and green living complementary to each other.

Delhi Enforces GRAP 2 Measures Ahead of Diwali 2025 as Air Quality Worsens

Delhi has enforced GRAP 2 (Graded Response Action Plan, Phase 2) measures ahead of Diwali 2025, because the capital's Air Quality Index (AQI) is approaching the 'very poor' level. The rise in pollution levels has led the authorities to enforce additional emergency measures to stop worsening air quality.

With the approach of Diwali, which is often associated with increased air pollution from firecracker burning and other sources, Delhi's air quality has deteriorated. Monitoring agencies recorded a consistent climb in AQI values, warning that the capital could soon cross into the 'very poor' category.

What Are GRAP 2 Restrictions?

GRAP (Graded Response Action Plan) is a Delhi and National Capital Region (NCR) emergency action plan implemented to prevent letting air quality become dangerous. Stage 2 restrictions primarily tackle dust, vehicle emissions, and construction. Some of the key measures are:

- Limitation of construction and demolition activities for some non-essential projects.
- Strong dust control during construction operations, including sprinkling and material covering.
- Ban the use of firewood and coal for cooking in restaurants and outdoor eateries.
- Increased use of mechanized sweeping of roads and sprinkling of water on roads.
- Increased monitoring of industrial emissions, with penalties for non-compliance.

Implications for Residents and Businesses

Implementation of GRAP 2 will make residents observe slowdowns or halts in local construction, while businesses will have to adhere to

cleaner pollution standards. Restaurants and street-food stalls will have to switch to cleaner fuel sources and desist from burning coal or wood to prepare food.

Delhi's recurring air quality issues around Diwali necessitate the annual application of GRAP measures. These restrictions are intended to protect public health, especially vulnerable populations such as children, the elderly, and those with respiratory conditions. The city's administration reiterates the need for collective action: minimizing vehicle usage, avoiding open waste burning, and using only certified green firecrackers if at all.

Authorities will continue monitoring the AQI and may escalate restrictions if pollution levels worsen as Diwali celebrations approach. The situation underscores Delhi's persistent struggle with post-monsoon air pollution, and the critical need for both emergency responses and long-term solutions.

New Balsam Flower Species Discovered in Arunachal Pradesh

A milestone in botanical research has occurred in Arunachal Pradesh, with scientists from the Botanical Survey of India discovering a new species of balsam flower, *Impatiens rajibiana*. Located in Shergaon, West Kameng district, this new addition to India's plant life further promotes Arunachal Pradesh's status as a hotspot for botanical studies and biodiversity conservation.

***Impatiens rajibiana*: Unique and Endemic**

Impatiens rajibiana was found to be present in a survey of the natural forests of the region. A member of the balsam family, the species is characteristic for its colorful flowers and unique mechanisms for seed dispersal. What is interesting about *Impatiens rajibiana* is that it is found only in the Shergaon region, and its formal discovery lends richness to the native flora listed by the Botanical Survey of India.

Arunachal Pradesh: A Biodiversity Hotspot

The dense and richly forested state of Arunachal Pradesh supports numerous rare and endemic plant species, and the state has already been the location of such finds as *Impatiens godfreyi* and *Impatiens sashinborthakurii*. Such recent discoveries demonstrate the rich biodiversity of this region and affirm the need for conservation efforts to safeguard susceptible habitats and flora.

India harbors approximately 230 species of balsam, among which popular ones are *Impatiens balsamina* (referred to locally as garden balsam or touch-me-not). Most of them are indigenous as well as very commonly cultivated for their decorative value and ecological relevance.

Species of balsam are of significant importance to ecosystem well-being as well as having medicinal values, and hence a study on them is crucial for science as well as for conservation.

Role of the Botanical Survey of India

The Botanical Survey of India continues to be a leading player in plant diversity discovery and documentation in the country. By its systematic field work and cataloging, the organization not only provides insight into India's flora but also feeds into ecological health evaluation and conservation policy.

The discovery of *Impatiens rajibiana* serves as a reminder of the imperative to protect the forest ecosystems that harbor such distinct species. Plant discoveries add to ecosystem stability and complement India's natural heritage. They also provide a building block for future scientific investigation, making it imperative to continue botanical exploration against the backdrop of environmental adversity.

Current Affairs One Liners 17 Oct 2025: 11th Asian Aquatics Championships

Current Affairs One Liners 17 Oct 2025: For students preparing for competitive exams and well-informed readers, Jagran Josh presents today's one-liner Current Affairs. In this section, you can see important questions related to World Food Day 2025, Ayurveda Aahara List, and more which are highly relevant from the exam point of view.

- The IUCN World Conservation Congress concluded in – Abu Dhabi
- The 11th Asian Aquatics Championships concluded successfully in – Ahmedabad
- Ministry of AYUSH released the Ayurveda Aahara List in collaboration with – FSSAI
- The world's first multi-sensor EO satellite will be launched in the first quarter of 2026 by – GalaxEye
- The book "Ready, Relevant and Resurgent II" was released by – Defence Minister Rajnath Singh
- Projects worth 13,430 crore were inaugurated and launched in Andhra Pradesh by – PM Narendra Modi
- Airtel partnered with – IBM – to boost cloud services in India
- World Food Day is observed every year on – 16 October

[PF Withdrawal New Rules 2025](#)

India gets its Second Hosting Opportunity for Commonwealth Games; Beats this Nation in the Bid...

The Executive Board of Commonwealth Sport nominated Ahmedabad as the 2030 Commonwealth Games host on Wednesday, allowing the major event to return to India after 20 years. This decision will back the country's goal of hosting the Olympics in 2036.

The recommendation will be forwarded to Commonwealth Sport's full membership, and a final decision, which now appears to be a formality, will be made on November 26 at the body's General Assembly in Glasgow. The first time India held the Games was in New Delhi in 2010.

Ahmedabad Recommended as Host for 2030 Commonwealth Games

Obtaining the hosting rights for the Games would also be a major step toward India's goal of hosting the Olympics in Ahmedabad in 2036.

The Nigerian city of Abuja was a rival to India in the 2030 bid, but Commonwealth Sport has made the decision to "develop a strategy for supporting and accelerating" the African country's aspirations to host future Games, including 2034.

Commonwealth Sport's Official Announcement

"The Executive Board of Commonwealth Sport has confirmed today that it will recommend Amdavad, India, as the proposed host city for the 2030 Centenary Commonwealth Games," Commonwealth Sport said in a press release.

"Amdavad (also known as Ahmedabad, in the Indian state of Gujarat), will now be put forward to the full Commonwealth Sport membership, with the final decision taking place at the Commonwealth Sport General Assembly in Glasgow on 26 November," said the statement.

Evaluation Process and Criteria

The Commonwealth Sport Evaluation Committee is in charge of the procedure that led to the recommendation. Candidate cities were evaluated based on their "technical delivery, athlete experience, infrastructure, governance, and alignment with Commonwealth Sport values." "...both Ahmedabad, India, and Abuja, Nigeria, submitted compelling proposals that reflect the ambition and potential of the Commonwealth Sport Movement."

Leaders React to the Announcement

"A momentous occasion for Indian sports!" Sports Minister Mansukh Mandaviya posted on 'X', saying, "This decision reflects India's growing dominance in global sport, made possible by the visionary leadership of PM Shri @narendramodiji, whose commitment has put India firmly on the world sporting map."

Both India and Nigeria's applications were deemed "inspiring" by the Executive Board, but Ahmedabad was selected for 2030, according to Dr. Donald Rukare, interim president of Commonwealth Sport.

The head of the Commonwealth Games Association (India) and president of the Indian Olympic Association, P T Usha, stated that hosting the Centenary Commonwealth Games would be a "extraordinary honor" for India.

"In addition to showcasing India's elite athletic and event talents, the Games would be a significant part of our country's transition to Viksit Bharat 2047."

Ahmedabad New Hub for Sports Competition

The Commonwealth Weightlifting Championships were recently held in Ahmedabad, and the city is currently renovating its sports facilities to successfully host high-profile multisport events.

One of the premier sites now under construction is the Sardar Vallabhbhai Patel Sports Enclave, which, in addition to the Narendra Modi Cricket Stadium, is intended to feature a football stadium, an aquatics center, and two indoor sports arenas.

How the 2030 Games Differ from 2026

The 2026 CWG, scheduled for Glasgow, has been drastically reduced in order to avoid going over budget. The city has allocated a modest 114 million pounds (more than Rs 1300 crore) for the event, which will be held entirely within an eight-mile (about 12-kilometer) radius.

Consequently, the 10-sport lineup has excluded certain important sports including hockey, badminton, shooting, and wrestling.

The IOA has clarified, though, that the 2030 Games would have a comprehensive schedule that includes every discipline Glasgow has omitted.

Uttar Pradesh Launches Gomti Rejuvenation Mission to Revive Lifeline River

The Uttar Pradesh state government set out a revolutionary agenda with the inception of the Gomti Rejuvenation Mission in October 2025. Seeking to revive the natural flow and environmental balance of the Gomti River, the mission focuses on severe diminution of urban sewage inputs and pursues holistic river revitalization of its large basin. This mission is a significant step towards protection of water resources and revitalizing one of North India's life-giving rivers for both environmental health and people's well-being.

The Gomti Rejuvenation Mission covers the full length of the river, from northwestern plains Pilibhit to eastern Ghazipur. Its major thrust is to catch 95 percent of sewage from urban areas that is being let out into the river and keep the waterway clean and unbroken. By taking on the problem at the root urban drains the mission aims to stem pollution and restore the river's natural vigor.

Upgrading Sewage Infrastructure

One of the pillars of the mission is to improve sewage treatment capacity. Six sewage treatment plants (STPs) share the capacity of 605 million litres per day along the river. The plan is to increase this capacity even more by building new STPs, upgrading old ones, and diverting more drains to treatment facilities.

The end goal is to ensure that none of the untreated sewage at all directly flows into the river, bringing about dramatic improvement in water quality.

Pollution Control and Ecological Restoration

The scheme identifies 39 major drains as the chief polluters, of which 13 are releasing untreated sewage at present. According to the mission, all such drains will be intercepted, treated, and controlled. Further, the removal of encroachments along the riverbanks will restore natural width and improve the flow of the Gomti.

Ecological restoration is being aided by the creation of new wetlands like Ekana Wetland and Sajan Lake in Lucknow to increase biodiversity and water holding capacity. Beautification drives will also enhance green cover and restore riverfronts, both of which will benefit communities and wildlife.

Governance and Implementation

Implementation of the Gomti Rejuvenation Mission is overseen by the Gomti Task Force, constituted under the National Mission for Clean Ganga and consisting of representatives from departments and domain specialists. Quarterly progress reviews and monthly review meetings are required, with direct supervision by the Chief Minister's Office to ensure accountability and timely delivery.

Resources and Community Support

The government has committed strong financial support and the timely supply of needed equipment e.g., track boats, floating barriers, and excavators—to enable river cleaning and restoration. Community involvement, outreach campaigns, and interagency cooperation are pillars of the mission, with the goal of maintaining momentum in the long term.

The Gomti Rejuvenation Mission is an ambitious and far-reaching initiative to revive one of North India's symbolic rivers to its original strength. With joint planning, scientific intervention, and effective governance, the mission brings a new benchmark for river restoration projects in India. A successful mission will not only bring benefits to the environment but also provide cleaner water and improved quality of life to millions of people living along the bank.

Current Affairs One Liners 15 Oct 2025: Solar Energy Corporation of India

Current Affairs One Liners 15 Oct 2025: For students preparing for competitive exams and aware readers, Jagran Josh presents today's One Liners Current Affairs. This section includes important updates related to dhaRti BioNest and other key topics that are crucial from the exam point of view.

- Meghalaya Government signed a three-year MoU with **NorthEast United FC** to promote football and tourism.
- Union Railway Minister **Ashwini Vaishnaw** recently inaugurated the **16th International Railway Equipment Exhibition-2025**.
- **DRDO** signed an MoU with the **Solar Energy Corporation of India (SECI)** for 300 MW capacity solar-based renewable energy projects.
- Union Finance Minister **Nirmala Sitharaman** inaugurated the Farmers Training and Common Facility Centre on **15 October 2025** at **Methagal, Karnataka**.
- Union Home Minister **Amit Shah** recently laid the foundation of the **NSG Special Operations Training Centre (SOTC)** at **Manesar, Haryana**.
- The **National School of Drama (NSD)** signed an MoU with **Bharat Bhavan, Bhopal** to restore the Rangmandal Rangshala.
- Union Finance Minister **Nirmala Sitharaman** will inaugurate **dhaRti BioNest** at **IIT Dharwad**.

[Ladki Bahin Yojana 2025 eKYC](#)

Current Affairs One Liners 14 Oct 2025: World Standards Day 2025

Current Affairs One Liners 14 Oct 2025: For students preparing for competitive exams and aware readers, Jagran Josh presents today's One Liners Current Affairs. This section covers key questions related to IUCN's new member and more, which are very important from the exam point of view.

- Who was honored with the Human Resource Excellence Award at the Fortune Leadership Awards 2025? – Telecommunications Consultants India Limited (TCIL)
- Which country recently became the new member of the International Union for Conservation of Nature (IUCN)? – Armenia
- The 78th session of the WHO Regional Committee for South-East Asia has begun in – Colombo
- Who recently launched the Unified Market Interface for tokenized finance? – RBI
- International Day for Disaster Risk Reduction is observed every year on – 13 October
- Who inaugurated the administrative building at ICAR-Indian Institute of Maize Research, Ludhiana? – Shivraj Singh Chouhan
- World Standards Day is observed every year on – 14 October

[Ladki Bahin Yojana 2025 eKYC](#)

Why Donald Trump is getting Israel's Highest Civilian Honour? Check the Reason

Israeli President Isaac Herzog declared on Monday that US President Donald Trump will receive the Israeli Presidential Medal of Honour, the nation's highest civilian honor, for his efforts to secure the release of hostages held in Gaza and mediate a ceasefire between Israel and Hamas.

President Trump is now in Israel to commemorate the truce that the United States mediated, ending a bloody and protracted war. Hamas released all 20 of the remaining Israeli detainees to Red Cross workers as a result of the ceasefire agreement, which was finalized earlier this month. Israel released several Palestinian prisoners from their jails in return.

Trump to Receive Israel's Highest Civilian Honor

Israeli President Isaac Herzog will give Trump the medal in recognition of his unwavering efforts to free the captives and promote regional stability.

Trump's Role in Ceasefire Efforts

The statement comes after the first seven Israeli prisoners were released to the International Committee of the Red Cross, which was a crucial result of the ceasefire talks. According to President Herzog, Trump "laid the groundwork for a new era in the Middle East" that is marked by security, collaboration, and hope for peace. He also said that Trump "helped return Israeli hostages home."

According to sources, Trump pressured regional entities to support the ceasefire behind the scenes, despite the fact that specifics of his involvement were not made public. This is consistent with his established relationships with Israel and important Gulf countries.

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World

The ceasefire agreement also contains pledges of de-escalation from both sides, enhanced humanitarian access, and a phased release of hostages, all of which help to bring about a brief calm in an extremely unstable area.

About the Israeli Presidential Medal of Honor

The highest civilian honor in Israel is the Presidential Medal of Honor, which is given to people who have significantly benefited the State of Israel or all of humanity.

It was founded in 2012 and represents accomplishments on a national and worldwide scale.

Past Recipients of the Award

Former US Presidents Joe Biden and Barack Obama are among the world leaders who have received the Israeli Presidential Medal of Honor, which honors those who have made a remarkable contribution to humanity or the State of Israel.

ALSO READ: [List of Oldest Bridges in the World that Still Exist](#)

India's Net-Zero Vision: Deendayal, V.O. Chidambaranar, and Paradip Ports Named Green Hydrogen Hubs

India has made a big leap towards clean energy leadership by officially declaring Deendayal Port Authority (Gujarat), V.O. Chidambaranar Port Authority (Tamil Nadu) and Paradip Port Authority (Odisha) as Green Hydrogen Hubs. Declared by the Union Minister for Ports, Shipping and Waterways, Sarbananda Sonowal, this is in line with the country's intention to become net zero carbon neutral by the year 2070 and aligns with its commitment to climate action and energy security.

Why Green Hydrogen?

Green hydrogen is generated through renewable resources like wind and solar, releasing zero carbon emissions on consumption. Its use is essential for decarbonizing major sectors like industry, transport, and power generation. Through green hydrogen, India looks to curtail dependence on fossil fuels, enhance energy security, and become a global clean fuel technology leader.

The selection of major ports as hydrogen hubs captures their existing import-export infrastructure and industrial operations. Ports provide strategic connectivity and logistics, positioning them as the best place to produce, store, and distribute hydrogen. This allows industries to cluster around these nodes, accelerating the transition to a hydrogen economy.

Cluster-Based Development Approach

India's cluster approach to hydrogen hub development clusters related projects into a specified geography. The cluster enables shared infrastructure, realizes economies of scale, and promotes early innovation and investment. Multiple stakeholder integration also boosts collaborative research and technology development for hydrogen production and use.

Hydrogen Valley Innovation Clusters (HVIC)

Backed by policy structures, Hydrogen Valley Innovation Clusters (HVIC) offer investment guidance, technology advancement, and government assistance. HVICs are intended to foster hydrogen megaprojects and enable industrial collaborations, speeding up the transition towards cleaner fuel across the country.

The branding of these ports as green hydrogen hubs will unlock investments, drive research into clean technologies, and drive the creation of jobs. These projects deepen regional economies and catalyse sustainable industrial development in line with India's vision for a low-carbon future.

In short, the strategic initiative to set up green hydrogen hubs in Deendayal, V.O. Chidambaranar, and Paradip ports is a landmark moment in India's journey towards clean energy, reconciling economic development with ecological responsibility.

Current Affairs One Liners 10 Oct 2025: Naval Exercise 'Konkan-25'

Current Affairs One Liners 10 Oct 2025: For students preparing for competitive exams and aware readers, Jagran Josh presents today's one-liner Current Affairs. This section covers key topics like the 2025 Nobel Peace Prize, Exercise Konkan-25, and more- highly important from the exam point of view.

- The third edition of the International Purple Fest - Celebrating Diversity is being organized in- Goa.
- India and which country's navy conducted the bilateral naval exercise 'Konkan-25'– United Kingdom.
- Who has been awarded the 2025 Nobel Peace Prize- Maria Corina Machado.
- Khaled El-Enany has been elected as the new Director-General of UNESCO for 2025–2029. He belongs to – Egypt.
- Who won the 2025 Nobel Prize in Literature- László Krasznahorkai.
- The 2025 Nobel Prize in Chemistry was awarded for – Development of Metal–Organic Frameworks (MOFs).
- Narcotics Control Bureau recently signed an MoU with – Rashtriya Raksha University

[Nobel Prize Winners List 2025](#)

India's Green Leap: Solar and Wind Power Set Record in First Half of 2025

The rapid transformation of the Indian energy sector towards a cleaner and more sustainable system has made significant achievements in terms of renewable energy development in the first half of the 2025. Having an impressive growth in solar, wind, nuclear, and hydro power, the country is tracing new directions in the area of emission reduction and energy security.

Surge in Solar and Wind Power Records.

The greatest success is the historical increase in solar and wind power generation. The growth of solar power was 17 terawatt-hours (TWh), which is 25 percent more as compared to the prior year. India now uses solar power to supply 9.2 percent of its overall electricity in the country as compared to 7.4 percent in the same time in the preceding year.

Such a jump has been facilitated by massive installation of solar parks and rooftop solar installations which have contributed to solar energy overtaking the aggregate growth of the national electricity demand

The wind power also recorded good results as it increased by significant margins as the power generation increased by 11 Twh, which is a growth of 29 in year on year basis. The wind contributed 5.1 percent in the generation of electricity in the country compared to 4 percent last year.

This energy is an indication of effective investments in wind farms both down the coast and inland and helps India to achieve its renewable goals and provide dependable energy to the areas in high demand.

Diversification of Clean Energy and Reduction of Emissions

Other than solar and wind, nuclear power generation increased by 14 and hydropower recovered with a 17 percent increase after it had fallen earlier. The integration of the solar, wind, nuclear, and hydro allowed

reducing the coal-based power generation by 22 Twh and reducing gas-based power by 34% drastically.

These changes collectively resulted in a 24 million tonne reduction in carbon dioxide emissions in the power sector making India one of the leaders of climate action in Asia.

Electricity Demand Trends.

The increase in electricity demand in the first half of 2025 was only 1.3, the lowest it had been since the COVID-19 pandemic. This trend was caused by such issues as softer weather, weaker industrial activity, and less cooling. The growth of clean energy would have exceeded the increase in demand even in the event that the temperatures were the same as last year.

In the future, the electricity demand will likely recover in the second half of 2025, thereby leading to a slight increase in coal-financed power demand. Nevertheless, the steep growth trend of solar and wind development does provide an opportunity to believe that India will continue to reduce its reliance on fossil fuels and additional emissions will be reduced to drive towards its long-term sustainability and climate goals.

India to Get its First Bullet Train by 2027: Check Full Details

Ashwini Vaishnaw, the Union Minister for Railways, declared on Thursday that India's first bullet train will be operational by August 2027.

"As everyone is aware, the bullet train project is moving along quickly. Things are moving along quite nicely in Gujarat; girders have been put in, wire ducts have been finished, and work on the rails and electrical cabling is ongoing. Japanese Minister Nakano recently traveled to Gujarat to assess the project's status," said Ashwini Vaishnaw.

Bullet Train in India by 2027

Speaking at the inaugural Vibrant Gujarat Regional Conference, which was hosted at Ganpat University in Mehsana, Vaishnaw stated, "We have set a target to run the first bullet train by August 2027."

The Mumbai–Ahmedabad bullet train project sites in Surat and Mumbai were visited by Vaishnaw and Hiromasa Nakano, Japan's Minister of Land, Infrastructure, Transport, and Tourism, on October 3.

Mumbai–Ahmedabad Bullet Train Route and Stations

There are 12 stations in the 508-kilometer Mumbai–Ahmedabad high-speed rail corridor: Thane, Virar, Boisar, Vapi, Bilimora, Surat, Bharuch, Vadodara, Anand/Nadiad, Ahmedabad, and Sabarmati.

Prime Minister Narendra Modi laid the 1.1-lakh-crore project's foundation stone at Ahmedabad's Sabarmati in September 2017.

ALSO READ: [Ratan Tata: First Indian Businessman to Ever Fly F-16 Fighter Jet](#)

Progress and Construction Updates

Updates from the National High-Speed Rail Corporation Limited (NHSRCL) indicate that the project has advanced significantly.

There are currently:

- 17 river bridges
- 5 PSC bridges
- 9 steel bridges
- Roughly 323 kilometers of viaduct and 399 kilometers of pier work have been completed

Along the route, over four lakh noise barriers have been installed, and about 211 kilometers of track bed have been prepared.

The construction of seven mountain tunnels in Palghar is currently in progress, while five kilometers of the 21-kilometer NATM tunnel between Shilphata and Bandra Kurla Complex have made progress.

Gujarat-Maharashtra Bullet Train Superstructure

Superstructure development is progressing at all Gujarati stations, while rolling stock depots are being built in Surat and Ahmedabad.

Additionally, construction has started on Maharashtra's three elevated stations.

Gujarat's Role in the Bullet Train Project

According to Vaishnaw's speech, Gujarat was the best state to host the nation's first bullet train because of its infrastructure history and advancements. Gujarat has constructed 2,764 kilometers of new railway lines in the last 11 years, he claimed, surpassing Denmark's whole railway network.

During this time, the state received investments in the railway sector of 1.46 lakh crore. The minister claimed that Gujarat's contribution goes beyond the railway industry to include industries like electronics and semiconductors.

Growth of Semiconductor and Electronics Sector in Gujarat

According to the minister, the semiconductor industry has received 1.25 lakh crore in investments.

- 30 Japanese companies plan to produce essential components in Gujarat
- Four large factories are under development

He also mentioned that India's electronics manufacturing sector has

expanded to 12 lakh crore over the past 11 years.

ALSO READ: [List of Oldest Bridges in the World that Still Exist](#)

India Sets World Record: BRO Builds Highest Motorable Road at Mig La Pass

India has achieved a stellar world record by building the world's highest motorable road at Mig La Pass in Ladakh's eastern sector. This feat, led by the Border Roads Organisation (BRO) under Project Himank, not only demonstrates Indian engineering skills in high altitude areas but also provides multi-faceted advantages to national security and local people.

At an elevation of 19,400 feet (5,913 meters), the road across Mig La Pass beats the former world record held by Umling La Pass, reflecting India's dominance in defying infrastructure developments.

Mig La Pass is now higher than historic mountaineering base camps like Everest South Base Camp (17,598 feet) and North Base Camp (16,900 feet). This new highway links the Hanle region with Fukche village, situated near the highly sensitive Line of Actual Control (LAC) that demarcates the border between Indo-China.

The achievement, spearheaded by Brigadier Vishal Srivastava, extends further the reach of the Indian state into some of the remotest landscapes on earth.

Engineering Success Despite Harsh Conditions

Building the road over the Mig La Pass involved conquering some of the most arduous natural challenges anywhere on the planet. Engineers and laborers fought against sub-zero temperatures, snowstorms, and ever-changing terrain. The elevated altitude provided less than half the oxygen available at sea level, subjecting daily life to stress on humans and machinery alike.

In spite of all these arduous conditions, BRO engineers continued to show resilience and planning strictness, turning the impossible into possible with a road that now facilitates traffic almost 20,000 feet above sea level.

Civilian and Strategic Benefits

The new road revolutionizes life for Hanle and Fukche villagers by offering all-season connectivity. Previously, these border villages used to remain cut off during winter; the road now guarantees access to essential provisions, education, emergency medical care, and economic prospects like tourism and trade.

The initiative also heralds noteworthy defence benefits: speedy movement of troops and safe supply lines are now possible, immensely bolstering India's border governance and military deterrence capacity.

Enhancing Border Presence and Self-Sufficiency

Completion of the road at Mig La Pass under Project Himank reflects the BRO's proficiency in mountain engineering and strengthens India's position to sustain a strong and secure presence in a geographically strategic area. It is an example of Indian grit, reflecting both technological perseverance and a commitment to enhancing the lives of far-flung Himalayan people.

Nobel Prize in Medicine 2025 Awarded for Discovery of Immune System's 'Security Guards'

The 2025 Nobel Prizes formally began today, with focus on the inaugural substantive announcement of the illustrious global award. Each year in October, the globe looks to Sweden and Norway as the best of science, literature, peace, and economics are awarded "for the greatest benefit to mankind." This year's sequence of announcements takes place from October 6 until October 13, starting with the iconic Nobel Prize in Physiology or Medicine.

Medicine Prize: Champions of Immune Regulation

The Nobel Prize in Physiology or Medicine for 2025 went to Mary E. Brunkow, Fred Ramsdell, and Shimon Sakaguchi. The three researchers were awarded the honor for their pioneering research on "peripheral immune tolerance," a vital process that safeguards against the immune system attacking the body's own tissues.

Their findings exposed the role of regulatory T cells—so-called security guards of the immune system—that maintain our immunity in balance and shield us from autoimmune diseases. In a statement, the Nobel Assembly at Sweden's Karolinska Institute said that this cornerstone discovery opens up new approaches to cancer and other immune disorders treatments and has already spawned therapies being tested in clinical trials.

Dr. Sakaguchi, in Osaka, found these key regulatory cells and shed light on their genetic underpinnings, while Brunkow and Ramsdell, working extensively in the US, discovered the gene FOXP3's key function. The Nobel Prize is accompanied by a cash award of 11 million Swedish crowns (\$1.2 million), and the medal is handed over by Sweden's king in December ceremonies.

Nobel Week 2025: Schedule and Expectations

Each Nobel Prize announcement generates global enthusiasm. Tomorrow will see the Physics Nobel revealed, followed by Chemistry, Literature, Peace, and Economics across the week. All announcements are broadcast live on Nobel media platforms, drawing millions of viewers worldwide.

The week of Nobel Prizes commemorates not only the excellence of an individual but also the harmony and advancement of global science, literature, and peace initiatives. The Brunkow, Ramsdell, and Sakaguchi discoveries mark the beginning of an uplifting Nobel season that reiterates humanity's never-ending pursuit of knowledge and healing.

NHAI's New QR Code Boards: What does it Contain? Check Here

The National Highways Authority of India (NHAI) has announced the installation of QR Code Sign Boards throughout National Highway segments. This initiative marks a major step towards digital transformation and commuter convenience. This action seeks to increase road safety for highway users, guarantee quick access to project-specific facts, and improve transparency.

The program, which was started with the more general objective of providing "Ease of Commuting," fits in with the government's focus on smart infrastructure and technology-driven governance.

QR Code Signboards for Highways

The recently created vertical QR code signboards will be positioned along highways in critical locations and provide up-to-date, project-specific information by simply scanning the QR code.

Information Available on the QR Boards

The details that these consist of

- Chainage (location markers) and the National Highway number
- Project duration and schedules for construction and upkeep

Contact information for

- Highway Patrol
- Toll Manager
- Project Manager
- Resident Engineer
- NHAI Field Office
- Emergency Helpline 1033

Additionally, these QR boards direct guests to the closest amenities, including

- Toilets, gas stations, and hospitals
- Restaurants and police stations

- Truck lay-byes, e-charging stations, auto repair shops, and puncture repair shops
- The distance to future toll booths

With just a fast scan, commuters may access this plethora of information, providing them with emergency and logistical support.

[ALSO READ: How did the First Telephone Look Like? Check how Much Different it is from Modern Telephone](#)

Strategic Placement for Maximum Use

The QR code boards will be positioned in the following locations to guarantee optimal visibility and efficiency:

- Restrooms and amenities along the route
- Truck lay-bys and toll plazas
- Start and finish locations for highways
- Large signboards lining the path

This kind of positioning improves on-road readiness in an emergency situation in addition to assisting with navigational awareness.

Improving Road Safety and Emergency Response

With an increase in traffic accidents and delays brought on by inadequate communication, our action attempts to close important gaps.

- Users of the highway will have rapid access to engineers or patrol teams.
- It prominently incorporates the 1033 helpline, a crucial national emergency number.
- In traffic situations, having better access to the closest police and medical facilities can save lives.

[ALSO READ: Who is Sridhar Vembu: Founder of Arattai App; Check his Professional Journey](#)

Current Affairs One Liners 06 Oct 2025: Who has been jointly awarded the Nobel Prize in Medicine 2025?

Current Affairs One Liners 06 Oct 2025: For students preparing for competitive exams and aware readers, Jagran Josh presents today's one-liner Current Affairs. This section covers key topics like the Nobel Prize 2025, India Mobile Congress 2025, and more — highly important from the exam point of view.

- Who has been jointly awarded the Nobel Prize in Medicine 2025? – Mary E. Brunkow, Fred Ramsdell, and Shimon Sakaguchi
- For what discovery was the Nobel Prize in Medicine 2025 awarded?
 - For their pioneering discoveries related to the immune system
- Who will inaugurate the India Mobile Congress 2025? – Prime Minister Narendra Modi
- Who recently announced the installation of QR code signboards on national highways? – National Highways Authority of India (NHAI)
- Who inaugurated the Patna Metro in Bihar? – Chief Minister Nitish Kumar
- Where was Coal India's first Women Central Store Unit inaugurated? – SECL Korba
- Who organized the 10th NATPOLREX-X and 27th NOSDCP off the Chennai coast? – Indian Coast Guard (ICG)

[Viksit Bharat Buildathon 2025](#)

PM Modi Launches Rs 62,000 Crore Youth Package for Skilling and Education

Prime Minister Narendra Modi will release a comprehensive package of youth-oriented schemes worth more than Rs.62,000 crore, a turning point for skilling, education, and entrepreneurship in India. The historic event, to be held at Vigyan Bhawan in New Delhi, will highlight game-changing projects with a special thrust on Bihar which marks the state's rich heritage and young population momentum.

National Youth Skilling Overhaul

The core of the announcement lies in PM-SETU (Pradhan Mantri Skilling and Employability Transformation through Upgraded ITIs), a centrally sponsored scheme supported by Rs.60,000 crore. In an innovative hub-and-spoke model, 1,000 government ITIs will be upgraded and networked, operated in collaboration with anchor industry leaders.

Clusters will have state-of-the-art infrastructure, digital education, incubation centers, and production facilities guaranteeing outcome-based, industry-relevant training for young people. The initial phase will focus on ITIs in Bihar, particularly those in Patna and Darbhanga, based on the central role of the region in India's skill upgradation.

Vocational Labs & Education Access

The Prime Minister will launch 1,200 vocational skill laboratories in 400 Navodaya Vidyalayas and 200 Eklavya Model Residential Schools in 34 states and UTs. The labs provide experiential training to students in high-growth areas such as IT, agriculture, automobiles, and logistics, creating early employability foundations and NEP 2020 and CBSE standards.

Bihar-Centric Initiatives

One of the key focuses is on strengthening Bihar as a skilled manpower center with initiatives like:

- **Revamped Mukhyamantri Nishchay Svyam Sahayata Bhatta Yojana:** Rs.1,000 monthly allowance and free skill training to almost five lakh graduates every year.
- **Redesigned Bihar Student Credit Card Scheme:** Full interest-free education loan of up to Rs.4 lakh to ease financial constraints for higher studies.
- **Bihar Yuva Ayog:** Constitutional commission to tap youth potential (18–45 years).
- **Inauguration of Jan Nayak Karpoori Thakur Skill University:** Industry-oriented vocational courses to create a globally competitive workforce.

Academic Infrastructure & Scholarships

The PM will lay foundation stones for new research and academic facilities under PM-USHA in four Bihar universities and dedicate the new Bihta campus of NIT Patna featuring advanced labs, a 5G facility, and ISRO-linked innovation centers.

Appointment letters will be distributed to 4,000 new recruits, and Rs.450 crore in scholarships via DBT will benefit 25 lakh students under the Mukhyamantri Balak/Balika scheme.

Current Affairs One Liners 03 Oct 2025: MY Bharat Mobile App

Current Affairs One Liners 03 Oct 2025: For competitive exam aspirants and keen readers, here are today's one-liner updates from Jagran Josh. This section covers key topics like NIELIT Digital University, MY Bharat Mobile App, etc., which are highly important from the exam point of view.

Which medal did Mirabai Chanu win at the World Weightlifting Championship? – Silver Medal

In Men's Javelin Throw F44 event at World Para Athletics, which medals did India win? – Gold and Silver

Which Union Minister launched the MY Bharat Mobile Application? – Dr. Mansukh Mandaviya

Which Union Minister launched NIELIT Digital University (NDU) in New Delhi? – Ashwini Vaishnaw

PM Modi will unveil youth-centric initiatives worth more than how many crore rupees in New Delhi? – 62,000 Crore

How many new Kendriya Vidyalayas (KVs) has the Union Cabinet approved to open in civilian areas? – 57

Railways started special train services between which two stations? – Bidar and Bengaluru Cantt

What GDP growth rate has RBI projected for FY 2025-26? – 6.8%

[Ladki Bahin Yojana 2025- eKYC](#)

NASA Plans Long-Term Moon Settlement Powered by Mini Nuclear Reactor

NASA is working towards building a long-term human settlement on the Moon by the following decade, an idea known as the "moon village." It is a massive step beyond short-term lunar missions, focusing on long-term sustainable infrastructure and long-term human presence.

At the heart of this effort is a mini nuclear reactor that will provide stable power, overcoming the challenge of the Moon's long night periods during which sunlight power becomes insufficient. The nuclear facility will energize habitats, scientific research, and life-support activities, enabling a permanent lunar base.

Artemis Program and Prelude Missions

The moon village is a key part of NASA's Artemis program for returning humans to the Moon and for later sending humans on to Mars. The first mission in this new era, Artemis II, is set for launch in early 2026 and will be crewed, going around the Moon to test technology for long-duration stays.

Autonomous, the moon village will be built on the edge of Shackleton Crater at the lunar south pole. The location offers almost continuous sunlight for solar power and access to valuable resources like water ice, which is available in the shadowed interiors of the crater. Dwellings, research, and manufacturing zones will be composed of inflatable modules with 3D-printed regolith shells for radiation protection and micrometeorite shielding.

International Cooperation and Peaceful Exploration

The moon village is designed as a global undertaking, with the help of various nations and business associates. NASA advocates openness and international collaboration, making a conducive environment in the face of space rivalry.

NASA's lunar village is a vision of humanity's future in space that is indeed ambitious. Not only does it seek to explore the universe, it aims to create a sustainable presence that promotes lunar exploration and advances missions to Mars. The initiative will redefine the relationship of humanity with the universe, as it stimulates innovation, cooperation, and new frontiers.

Diwali Gift: Modi Government Announces 3% DA Hike for these Employees

In anticipation of Dussehra on Thursday and Diwali later this month, the government has authorized a three percent rise in Dearness Allowance and Dearness Relief. This hike will take effect on July 1st, Union Minister Ashwini Vaishnaw announced Wednesday afternoon.

DA Hike for Diwali

As the holiday season begins this month, sources have already informed the media houses that a raise is anticipated for government workers and pensioners.

This is the second rise this year; the first was announced in March, when DA payouts increased from 53% of basic salary to 55%. That followed a 3% increase in October.

Employees of the government receive DA to make up for inflation.

How much will the DA Increase?

This month's increase is anticipated to correspond with changes in industrial workers' CPI (Consumer Price Index) statistics, which serve as the foundation for the Dearness Allowance's biannual modifications.

After the March rise, an employee with a base pay of Rs 60,000 will now receive an additional Rs 34,800 in DA, up from Rs 33,000 previously.

[ALSO READ: Top 5 Countries with Most Active Volcanoes in the World](#)

Eighth Pay Commission

The Eighth Pay Commission, which was announced in January, will make decisions regarding further salary and allowance revisions. A formal announcement on its members and terms of reference, or ToR, is still pending.

'Fitment factor' is a multiplier added to base pay that will determine

salary increases.

Expected Salary Hike Range

Experts put this figure between 1.83 and 2.86, which may represent a 13–34% increase. However, after the commission's recommendations are put into effect on January 1, 2026, the DA, which is currently at 55%, will probably be reset to zero and combined with basic pay.

DA Hike Impact on Pensions

This implies that because pensions are correlated with basic pay and DA, the effective increase may be modest but still advantageous. In an effort to simplify and increase transparency in the pay structure, the 7th Pay Commission examined roughly 200 allowances, eliminating 52 and combining others.

ALSO READ: [List of Oldest Bridges in the World that Still Exist](#)