RICE EDUCATION

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Current Affairs

FOR RAILWAYS EXAMS

DATE

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Daily Current Affairs for Railways

Awards & Honours

National Awards & Recognitions (India)

- **Oskar Klein Medal 2026:** Renowned theoretical physicist Ashoke Sen became the first Indian physicist to be awarded the prestigious Oskar Klein Medal by Stockholm University and the Royal Swedish Academy of Sciences for seminal contributions to string theory.
- **Swavalamban Indigenisation Awards 2026:** Conferred by Defence Minister Rajnath Singh during the 5th edition of the naval innovation seminar 'Swavalamban' in New Delhi, honoring defence MSMEs and startups under 'Atmanirbharta 2.0'.
- **Rashtriya Vigyan Puraskar Preparatory Citations:** Ministry of Science and Technology finalized expert committee recommendations recognizing foundational research in quantum computing, green hydrogen, and deep-ocean technology.
- **Swachhata Pakhwada Railway Awards 2026:** Railway Board adjudged Eastern Railway and South Central Railway as top-performing zones for mechanized station sanitation, clean tracks, and 100% bio-toilet discharge compliance.
- **The Assam government named Usha Mangeshkar for the inaugural Dr. Bhupen Hazarika National Award**. PM Modi will present the 10 lakh cash prize on November 29 at Bharat Mandapam. This triennial honor recognizes global excellence in **music, arts, and cinema.**
- **Pavani Pasumarthi** Wins **Ustad Bismillah Khan Yuva Puraskar**.This prestigious award was given for her notable contributions to **Kuchipudi music.**

International Honours & Global Recognitions

- **Men's & Women's Ballon d'Or 2026:** England and Bayern Munich striker Harry Kane was awarded the Men's Ballon d'Or (first Englishman to win since Michael Owen in 2001); Spain's Alexia Putellas won the Ballon d'Or Feminin for a record third time.
- **UNESCO World Day for Audiovisual Heritage Commendation:** Observed globally on October 27 with international honours presented to national archives preserving vulnerable film and audio recordings under the Memory of the World programme.
- **Nobel Prizes 2026 Citations Spotlight:** Scientific bodies highlighted 2026 Nobel laureates Francis Halzen (Physics - IceCube Neutrino Observatory) and the optogenetics pioneers in Medicine for transformative discoveries.
- **Messi won the 2026 Princess of Asturias Award for Sports** in Oviedo, Spain. He is the first individual footballer in history to receive this honor.

Appointments & Persons in News

National Appointments (India)

- **Chief Justice of Delhi High Court:** Justice P. Sam Koshy was officially recommended by the Supreme Court Collegium as the new Chief Justice of the Delhi High Court.

- **Chief Secretary of Jammu & Kashmir:** Ministry of Home Affairs appointed Dr. Sajjan Singh Yadav (1995-batch AGMUT cadre IAS officer) as the new Chief Secretary of the Union Territory of Jammu and Kashmir.
- **Managing Director & CEO of HDFC Bank:** Anup Bagchi officially took charge as the MD & CEO of HDFC Bank on October 27, 2026, for a three-year tenure, succeeding Shashidhar Jagdishan.
- **Chairmanship of 12th BRICS Parliamentary Forum:** Lok Sabha Speaker Om Birla chaired the 12th BRICS Parliamentary Forum in the Central Hall of Parliament, New Delhi, accompanied by Rajya Sabha Deputy Chairman Harivansh.
- **Railway Technical Wing Administrative Postings:** Ministry of Railways notified senior administrative postings at RDSO (Lucknow) and ICF (Chennai) to steer Kavach 5.0 high-speed trials and aluminum-body Vande Bharat coach production.

International Appointments & World Leaders

- **President of Brazil (Fourth Term):** Luiz Inácio Lula da Silva was re-elected as President of Brazil for a historic fourth presidential term following general election outcomes.
- **Timor-Leste Enters ASEAN:** Timor-Leste officially took its seat as the 11th full member of the Association of Southeast Asian Nations (ASEAN) following completion of formal accession instruments.
- **Asian Para Games 2026 Flag-Bearers:** Mona Agarwal and Nishad Kumar led the Indian contingent as official flag-bearers at the closing ceremony, celebrating India's 4th-place finish with 114 medals.

Persons in News & Notable Demises

- **Passing of Renowned Painter Jogen Chowdhury:** Celebrated Indian master artist, former Rajya Sabha MP, and Padma Bhushan recipient Jogen Chowdhury passed away in Kolkata at the age of 87.
- **Passing of Chef K. Damodaran (Chef Damu):** Renowned culinary maestro, Guinness World Record holder, and Padma Shri awardee Chef Damu passed away in Chennai at the age of 72.
- **Priteesmita Bhoi in News:** 15-year-old Indian weightlifting prodigy scripted sports history by setting a new Youth World Record in the clean and jerk (92 kg; total 158 kg) at the Asian Youth Games.

Government Schemes, Policies & Welfare Initiatives

Central Government Schemes & National Policies

- **Atmanirbharta 2.0 Defence Procurement Approval:** The Defence Acquisition Council (DAC), chaired by Defence Minister Rajnath Singh, approved procurement proposals worth ₹2.12 lakh crore, with over 82% of hardware sourced from domestic defence industries.
- **Notification of E100 Pure Ethanol Fuel:** Ministry of Road Transport and Highways officially notified E100 (100% pure ethanol) and E85 as approved standard motor fuels for flex-fuel vehicles across India.
- **Pratibha Setu Talent Utilization Portal:** Central Government launched 'Pratibha Setu' to connect high-scoring UPSC Civil Services non-recommended candidates with premier leadership roles across public sector enterprises and autonomous research councils.

- **Frontier Nagaland Territorial Authority Bill 2026:** President Droupadi Murmu gave presidential assent to the bill, establishing an autonomous administrative council framework for eastern districts of Nagaland.
- **Unified Digital Identity for Farmers Milestone:** Ministry of Agriculture and Farmers Welfare created 11 crore unique digital farmer identity cards under the Digital Agriculture Mission, five months ahead of deadline.

State Government Welfare Initiatives

- **Drought-Affected Relief Assistance (Gujarat):** Chief Minister Bhupendra Patel declared Devbhoomi Dwarka, Kutch, Jamnagar, and Porbandar as drought-affected districts, rolling out SDRF assistance of ₹8,500 per hectare for affected farmers.
- **Kolamarka Conservation Reserve Declared Wildlife Sanctuary (Maharashtra):** Maharashtra State Board for Wildlife, chaired by the Chief Minister, formally approved the upgrade of the Kolamarka reserve in Gadchiroli district into a full wildlife sanctuary.
- **Bihar Green Hydrogen Policy 2026 Approved:** Bihar Cabinet cleared the Green Hydrogen Policy targeting 1 lakh tonnes of annual production by 2031 with ₹16,000 crore in private investments alongside a ₹2,761 crore farm-feeder solarisation plan.
- **Assam Cabinet Welspun Manufacturing Investment:** Assam Cabinet, chaired by CM Himanta Biswa Sarma, approved a ₹303.69 crore investment proposal by Welspun Group to set up an advanced manufacturing unit in Rangia, Kamrup district.
- **Real-Time Urban Flood Forecasting System (Tamil Nadu):** Chennai became India's first metropolis to fully operationalize an automated hydrometeorological radar and automated gate-sensor network for real-time flood control.
- **Goa Launches** Artificial Intelligence Policy 2026. **Goa will set up an Al Centre of Excellence** with BITS Pilani for research and training. A Konkani language model is being made **with BHASHINI** to build local Al applications.
- **UP topped** the national rankings for **implementing Mission Karmayogi**, followed by Rajasthan and Jammu and Kashmir. **The state Home Department ranked first** in Category A for completing over one crore training courses under the initiative.

Railway & Infrastructure Initiatives (Special Exam Focus)

- **Commercial Clearance for Alstom-Powered Vande Bharat:** Railway Board granted commercial operational clearance for the 16-car Chair Car Vande Bharat trainset manufactured at RCF Kapurthala for operational speeds up to 160 kmph.
- **Inauguration of Santragachi-Khatipura (Jaipur) Express:** Railway Minister flagged off Train No. 18061/18062, operated by South Eastern Railway, linking West Bengal and Rajasthan via an expedited inter-state route.
- **Aurangabad Railway Station Renamed:** The Ministry of Railways formally renamed Aurangabad Railway Station on the Kacheguda-Manmad section under South Central Railway as 'Chhatrapati Sambhajinagar Station'.
- **Tata Elxsi & Kavach 4.0/5.0 Manufacturing:** Tata Elxsi initiated mass assembly lines in Bengaluru for advanced IoT sensors, automated loco pilot consoles, and drone survey cameras to accelerate Kavach rollout.
- **Four Operational Space Launch Pads by 2029:** ISRO confirmed expanding India's launch infrastructure to four operational launch pads by 2029, integrating the new Kulasekarapattinam SSLV spaceport and a third launch pad at Sriharikota.

- **China CR450 High-Speed Rail Benchmark:** China's CR450 passenger bullet train completed pre-service trial runs on the Shanghai-Chengdu line reaching 453 km/h, accelerating to 350 km/h in 4 minutes 40 seconds.

Sports & Games

Cricket

- **ICC Rankings Review:** International Cricket Council released weekly updates confirming India consolidating top global spots across ODI and Test team rankings following dominant bilateral fixtures.
- **Ranji Trophy 2026 Knockout Race:** Elite first-class teams concluded critical round-robin matches, with domestic top-order batters posting consecutive double-hundreds to secure quarter-final berths.
- **BCCI Pace Bowling Development Pathways:** National Cricket Academy (NCA) in Bengaluru inducted 20 emerging fast bowlers into high-performance biomechanical workload tracking camps.

Hockey, Football & Multi-Sport

- **Asian Champions Trophy Hockey in Jalandhar:** Jalandhar hosted its first-ever international hockey tournament at the Olympian Surjit Singh Hockey Stadium, with defending champions India taking center stage.
- **Asian Para Games 2026 Wrap-Up:** China topped the final medal tally, while the Indian para-athletic contingent achieved its best-ever away performance, finishing 4th with 114 medals.
- **Team MRF Tyres ERC Teams' Championship:** Team MRF Tyres clinched its fourth FIA European Rally Championship (ERC) Teams' title in five years following the final round in Portugal, finishing with 233 points.
- **Shaurya Veer Run for India 2026:** Chief of the Army Staff General Upendra Dwivedi flagged off the national marathon at India Gate, New Delhi, to commemorate the valor of infantry soldiers on Shaurya Diwas.
- **11-year-old Bodhana Sivanandan** is the youngest female International Master. The milestone was achieved at **the European Women's Chess Club Cup in 2026.**

Science, Space & Technology

Space Exploration & Satellite Missions

- **Gaganyaan Crew & Service Module Separation Test:** ISRO successfully completed the pyrotechnic separation, umbilical severance, and shock survivability validation tests at VSSC, Thiruvananthapuram, clearing the way for uncrewed orbital flight G1.
- **Model Rocketry and CANSAT India Finals:** National student rocketry and payload competition commenced along the Narayani River in Kushinagar, Uttar Pradesh, testing student payloads reaching 1.5 km altitudes.
- **Atmospheric Chemistry & Aerosol Toxicity Laboratory (AATAL):** Union Minister Dr. Jitendra Singh inaugurated the world's first-of-its-kind integrated aerosol toxicity analysis laboratory at IITM, New Delhi.
- **NASA-ISRO NISAR Satellite Tracking Operations:** Space agencies monitored Earth observation data feeds tracking seasonal ground displacement, tectonic faults, and glaciological ice movements.

Defense Technology & Indigenous Innovations

- **Land Warfare Doctrine 2026 Released:** Union Defence Minister Rajnath Singh released the updated Land Warfare Doctrine during the Army Commanders' Conference in New Delhi to prepare the Indian Army for multi-domain warfare.
- **Operation Trident by Narcotics Control Bureau:** NCB launched simultaneous inter-state raids across 38 locations in Assam, Mizoram, and Manipur, freezing 1,424 bank accounts and detecting ₹100 crore in illicit narco-hawala transactions.
- **Induction of Indigenous ASW Ship 'Mahe':** Indian Navy inducted the indigenously designed Anti-Submarine Warfare Shallow Water Craft (ASW-SWC) 'Mahe' to boost shallow-water coastal security.
- **BrahMos Supersonic Missile Procurement:** Indian Navy progressed deployment of extended-range BrahMos supersonic cruise missiles under the ₹20,506 crore procurement programme to enhance sea-strike capabilities.
- **INS Sutlej Joint Hydrographic Survey:** INS Sutlej completed an extensive joint hydrographic survey with the Mauritius Hydrographic Service, mapping 35,000 square nautical miles under the MAHASAGAR vision.

Artificial Intelligence, Computing & Health Innovations

- **IIT Bombay Blood Screening Device:** Department of Chemical Engineering at IIT Bombay developed a microfluidic device to screen for sickle cell disease and anemia using blood smear lengths, licensed to startup Rheoheme.
- **First Indigenous Antibiotic 'Nafithromycin':** Indian biomedical researchers unveiled Nafithromycin to combat community-acquired bacterial pneumonia and drug-resistant respiratory pathogens.
- **OpenAI Web Browser 'Atlas' Launch:** OpenAI unveiled its AI-native web browser 'Atlas' integrating autonomous multi-agent web research and conversational navigation.
- **Breakthrough Gene Therapy for Hemophilia:** Indian clinical researchers completed evaluation trials of indigenously developed lentiviral gene therapy for hemophilia patients.
- **IIIT-Bangalore and Poland's AGH University Sign Research MoU October 27, 2026 :** The agreement covers joint research and development of academic programmes. The partnership focuses on Al, quantum tech, and other emerging technologies.
- **Union Minister Shivraj Singh Chouhan** launched an **enhanced NMMS app for VB-G RAM G**. Developed with IIT Madras, the app uses Al-based face verification for attendance.

Summits, Bills & International Affairs

International Summits & Conferences

- **12th BRICS Parliamentary Forum in New Delhi:** Hosted in the Central Hall of Parliament, with delegates debating multilateral trade fairness, BRICS local currency settlements, and Global South representation.
- **14th India Chem Conclave (Mumbai):** Hosted by the Department of Chemicals and Petrochemicals, focusing on sustainable chemical manufacturing and self-reliance in specialty intermediates.
- **Chinmaya Amrit Mahotsav Global Sammelan:** Prime Minister Narendra Modi inaugurated the international spiritual convention in New Delhi, interacting with 'Holobot', an AI-powered projection of Swami Chinmayananda.
- **47th ASEAN Summit in Kuala Lumpur:** Southeast Asian heads of state met under the theme 'Inclusivity and Sustainability', formally welcoming Timor-Leste as the 11th member state.

Bills, Legislation & Parliamentary Developments

- **National Highway Access Control Directives:** Ministry of Road Transport and Highways issued updated guidelines for highway speed monitoring and automated toll enforcement on national expressways.
- **Financial Services Tokenization & Offline CBDC Frameworks:** Reserve Bank of India finalized regulatory sandboxes inviting tech-driven solutions for tokenized KYC and offline digital rupee transactions.
- **Unified Pension Scheme (UPS) Implementation Protocols:** Central Government finalized administrative guidelines across all civil departments to ensure seamless operationalization of UPS benefits.

International Affairs & Bilateral Agreements

- **ADB $3 Billion Exposure Exchange Agreement:** Asian Development Bank and World Bank signed a landmark $3 billion exposure exchange agreement to optimize sovereign balance sheets and expand development lending.
- **World Bank $280-Million Kerala Health Improvement Programme:** Cleared financing to develop elderly home-care models, cancer screening for women, and climate-resilient primary healthcare centers in Kerala.
- **India-Mauritius Hydrographic and EEZ Cooperation:** Joint maritime teams concluded EEZ surveillance and oceanographic charting missions supporting the sustainable blue economy in the Western Indian Ocean.

Books, Authors & Important Days

Books & Authors

- **'Advantage India: Reshaping the Future for an Equitable World':** Released by Vice President C.P. Radhakrishnan, exploring India's economic resilience and rising diplomatic footprint in the Global South.
- **'Atmanirbharta in Defence: The Maritime Dimension':** Authored by senior defense analyst examining the naval indigenisation roadmap from INS Vikrant to the ASW shallow water craft.
- **'Tracks of Modern India: Renaming, Revamping & High-Speed Rail':** Authored by transport historian chronicling the evolution from colonial halts to smart Vande Bharat terminals.
- **'The Green Fuel Frontier: Biofuels and India's Energy Transition':** Authored by energy economist analyzing the deployment of E100 flex fuels and compressed biogas infrastructure.

Important Days & Themes

- **October 27 – Infantry Day (Shaurya Diwas):** Celebrated annually by the Indian Army to honor the infantry's supreme sacrifices; commemorates the historic 1947 airlift operation of the 1st Sikh Regiment into Srinagar (80th observance in 2026).
- **October 27 – World Day for Audiovisual Heritage:** Proclaimed by UNESCO to raise awareness of the significance of sound recordings and moving images; Theme: 'Your Window to the World'.
- **October 24–30 – United Nations Disarmament Week:** Observed globally to promote awareness and better understanding of multilateral disarmament, non-proliferation, and armed conflict reduction.

- **October 26–November 1 – Vigilance Awareness Week:** Central Vigilance Commission (CVC) launched integrity pledges and public transparency campaigns across all central government, PSU, and railway establishments.
- **October 26 – Accession Day (Jammu and Kashmir):** Marking the historic signing of the Instrument of Accession in 1947 by Maharaja Hari Singh, officially acceding the princely state to the Union of India.
- **World Polio Day** Observed Globally On October 24 . The **2026 theme** is "One day, one focus, Ending polio for good" for children.

Miscellaneous (GI Tags, Superlatives, UNESCO Heritage & Dance Personalities)

Geographical Indication (GI) Tags

- **GI Authenticity Drive for Chhatrapati Sambhajinagar Crafts:** Dedicated marketing counters established following the renaming of Aurangabad station to promote GI-certified Himroo shawls and Paithani sarees.
- **Kashmiri Saffron & Pashmina Certification:** Directorate of Handicrafts deployed upgraded QR authentication labels to protect GI-certified saffron and hand-spun Pashmina shawls against synthetic counterfeits.
- **Bastar Iron Craft Promotion:** Tribal artisan cooperatives expanded direct e-commerce exports of GI-tagged wrought iron craft and bell-metal sculptures to European and Gulf buyers.

Superlatives (India & World: Firsts, Largest, Highest)

- **World's Fastest Commercial High-Speed Train Test (China CR450):** Clocked 453 km/h during pre-service high-speed trials on the Shanghai-Chengdu corridor, accelerating to 350 km/h in 4 minutes 40 seconds.
- **India's First City with Real-Time Flood Forecasting (Chennai):** Became India's first metropolis to deploy automated hydrometeorological radar and gate sensors for real-time urban flood management.
- **India's Forex Reserves Milestone:** India's foreign exchange reserves rose by $4.5 billion to cross the $702 billion mark, with RBI holding 880 tonnes of gold reserves (14% of total reserves).
- **Youth World Record in Weightlifting:** Indian lifter Priteesmita Bhoi set a new Youth World Record with a clean-and-jerk lift of 92 kg (total 158 kg) at the Asian Youth Games.

UNESCO & World Heritage

- **World Day for Audiovisual Heritage Global Registry:** UNESCO evaluated historic radio recordings and documentary footage for inclusion in the Memory of the World International Register.
- **Ajanta & Ellora Caves Tourist Circuit Enhancements:** Ministry of Tourism launched integrated heritage shuttles linking the newly renamed Chhatrapati Sambhajinagar Railway Station to the UNESCO rock-cut cave monuments.
- **Heritage Conservation at Chhatrapati Shivaji Maharaj Terminus (CSMT):** Western and Central Railways reviewed structural conservation and nocturnal illumination around the UNESCO World Heritage terminus.

Dance Personalities & Performing Arts

- **Tributes to Classical Dance Pioneers:** Cultural institutions celebrated commemorative retrospectives honoring legendary exponents of Kathak and Bharatanatyam who popularized classical dance dramas globally.
- **National Sangeet Natak Akademi Amrit Utsav:** Conferred special performing arts honours on veteran folk instrumentalists, puppeteers, and regional stage performers preserving ancestral theatrical styles.
- **Classical Dance at Heritage Monuments:** State tourism boards organized sunset classical dance performances featuring young exponents of Odissi and Kuchipudi at historic temple corridors.
- **Japanese Novelist And Filmmaker Ryu Murakami** Passes Away At 74

ENVIRONMENT

Environment & Wildlife Protection Initiatives

- **Kolamarka Conservation Reserve Declared Wildlife Sanctuary:** Maharashtra approved the upgrade of the Kolamarka reserve in Gadchiroli district, protecting the endangered Asiatic wild water buffalo (*Bubalus arnee*).
- **Automated Green Cess in Eco-Sensitive Himalayan Corridors:** Uttarakhand implemented an automated RFID-based green tax collection system at state borders to curb vehicular pollution in alpine zones.
- **Cyclonic Storm Alert over Bay of Bengal:** India Meteorological Department (IMD) tracked a deep cyclonic depression developing over the Bay of Bengal approaching the Andhra Pradesh and Odisha coastlines.
- **Coal India & IIT Madras Sustainable Energy Center:** Coal India partnered with IIT Madras to establish a dedicated Centre for Sustainable Energy to research carbon capture, utilization, and green energy materials.
- **Ola Shakti Residential Battery Energy Storage:** Ola Electric launched residential battery energy storage systems (1.5 kWh to 9.1 kWh) to scale domestic rooftop solar power integration.
- **Groundwater Extraction Monitoring via Bhu-Neer:** Ministry of Jal Shakti reviewed digital compliance of groundwater extraction permits across industrial and infrastructure project developers.
- **Global Methane Emission Status:** UNEP climate tracking bodies warned that global methane emissions must decline rapidly to achieve 2030 temperature stabilization targets.
- **Smooth-Coated Otter Recorded in Indravati Tiger Reserve:** Rare smooth-coated otter photographed in Chhattisgarh's Indravati Tiger Reserve, marking the species' presence after a 25-year hiatus.
- **Khangchendzonga National Park Rated 'Good' by IUCN:** Sikkim's Khangchendzonga National Park remained the only Indian natural site rated as 'Good' in the latest IUCN World Heritage Outlook report.
- **NLCIL Signs 37,000cr** MoUs With **IPICOL** For **Odisha** Projects. A 3,200 MW **ultra-supercritical thermal power** plant will be built for ₹35,000 crore.
- PM Modi inaugurated a **Rs 169-crore RBI data centre and training institute** near **Bhubaneswar.** The institute focuses on research and capacity building for the cybersecurity sector. The site provides geographical stability and safety from high-risk border areas.

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