

UPSC Daily Current Affairs | One Liners 02-09-2026

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International Relations and Issues

G20 FMCBG Meeting

Two-day G20 Finance Ministers and Central Bank Governors (FMCBG) meeting under US presidency, held in Asheville.

- **India's Role** - Focus on needs of emerging economies, sustainable growth, trade and investment.
- **Agenda** - Global economic growth, financial stability, rising debt, reforms to international financial system.
- **Issues** - Russia's participation sparked disagreements; US raised concern over China's trade surplus.
- **Significance** - Highlights India's growing influence in shaping global economic policies; Leaders' Summit scheduled in Miami.



Dialogue Partner' Status - GCAP 6th Gen Jet

India joins UK-Japan-Italy Global Combat Air Programme (GCAP) as "Dialogue Partner."

- India is not a buyer/developer; access to discussions on sixth-generation fighter aircraft known as "TEMPEST".
- **Benefit** - Insight into advanced combat-air technologies while developing India's own AMCA (5th-gen).
- **Programme** - GCAP funded with USD6.1 Billion; aircraft targeted for 2034 entry into service.
- **Context** - India also exploring France-led Future Combat Air System (FCAS).
- **Future** - Positions India in global sixth-generation fighter ecosystem, enhancing strategic aviation capabilities.



SCO Summit 2026 - Bishkek, Kyrgyzstan

26th SCO Summit held Aug 31-Sep 1, 2026 at Yrys Ordo, Bishkek under Kyrgyz chairmanship.

- **Theme** - "25 Years of the SCO: Together Towards Sustainable Peace, Development and Prosperity."
- **Participants** - Leaders of 10 member states: India, China, Russia, Pakistan, Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan, Iran and Belarus.
- **Agenda** - Regional security, counter terrorism, organised crime, cyber threats, trade, transport connectivity, energy security, sustainable development and finance.
- **Highlights** - Draft Bishkek Declaration, SCO Energy Consortium proposal, SCO Development Bank discussions.
- **Special Note** - Coincides with SCO's 25th anniversary and opening of 6th World Nomad Games attended by PM Narendra Modi.
- **Significance** - Strengthens Eurasian cooperation, multilateral engagement and people-to-people ties.



Veligonda Irrigation Project

Andhra Pradesh CM inaugurates first phase of Veligonda Project, dedicates it to the nation.

- **Scope** - Diverts Krishna River water from Srisailem Reservoir to Nallamala Sagar via gravity and canal network.
- **Phase I** - Twin tunnels (18.8 km) and feeder canal (21.8 km) built.
- **Benefits** - Drinking water to every household; irrigation for acres; 4 lakh people to benefit.
- **Relief** - 10.70 TMC water storage; addresses drought in Markapuram region.
- **Future** - Second phase to be completed by 2028; Markapuram included in Rs.1-lakh-crore Global Horticulture Hub project.

THE POOLA SUBBAIAH VELIGONDA PROJECT
48 YEARS OF STRUGGLE
MARKAPURAM MLA POOLA SUBBAIAH LED
MOVEMENTS IN 1978 DEMANDING
KRISHNA RIVER WATER FOR
DROUGHT-HIT PRAKASAM REGION.
DISCUSSIONS AND IDEATION STARTED
DURING THE TENURE OF N. T. RAMA RAO
FOUNDATION STAGE INITIATED IN 1996
UNDER N. CHANDRABABU NAIDU

FUNDS ALLOCATED & MAJOR CONSTRUCTION WORKS
OF THE PROJECT STARTED
UNDER Y. S. RAJASEKHARA REDDY
AND HE NAMED POOLA SUBBAIAH VELIGONDA PROJECT

IN 2019 - 2024 TUNNEL WORKS PROGRESSED
AND WERE INAUGURATED
UNDER Y. S. JAGAN MOHAN REDDY.
2024-2025 REMAINING WORKS ACCELERATED
UNDER THE GOVERNMENT LED
BY N. CHANDRABABU NAIDU.
EXPECTED COMPLETION: JULY-AUGUST 2026



UPI Payment in Uzbekistan

NPCI International partners with Uzbekistan's National Interbank Processing Centre to enable UPI payments.

- **Feature** - Indian travellers can scan UZQR codes for instant merchant payments across retail, hospitality and services.
- **Approval** - Cleared by RBI and Central Bank of Uzbekistan; HUMO designated as authorised partner.
- **HUMO** - One of Uzbekistan's national payment systems and card networks.
- **Benefit** - Direct person-to-merchant (P2M) payments from Indian bank accounts; avoids forex markup and reduces reliance on cards/cash.
- **Global Footprint** - UPI now accepted in 10 countries including Singapore, UAE, France, Mauritius, Nepal, Bhutan, Qatar, Sri Lanka, Cambodia and Greece.



Chennai Rain Futures Contract - NCDEX

NCDEX launches rainfall-based weather derivatives futures contract for Chennai.

- **Purpose** - Allows market participants to hedge financial risks linked to Northeast monsoon.
- **Feature** - Rainfall index used as benchmark; supports risk management for agriculture and allied sectors.
- **Significance** - First of its kind contract; strengthens weather-linked financial instruments in India.
- **Impact** - Provides protection against monsoon variability, aiding farmers, traders and businesses dependent on rainfall.



The advertisement features the NCDEX logo at the top left, with the tagline 'Building markets, creating possibilities'. The background is a photograph of the Chennai Central Railway Station during a rainstorm, with water reflecting the lights. The text 'RAINFALL VARIES. RISK CAN BE HEDGED.' is prominently displayed in blue. Below this, the title 'RAINCHENNAI Rainfall Futures Contract' is shown. A dark blue banner reads 'Completing India's Monsoon Risk Management Cycle'. A white box titled 'THE CONTRACT AT A GLANCE' lists the following details:

Icon	Detail
Location pin	Basis: Chennai
Cloud with rain	Rainfall Regime: Northeast Monsoon
Calendar	Contract Months: September–December
Person with location pin	Rainfall Measurement Stations: Meenambakkam & Nungambakkam
Bar chart	Highest Monthly LPA (50 Years Long Period Average): November ~373.45 mm
Indian Rupee symbol	Lot Value (Rs.) at Base Price: ₹49,912.50

National Conference on Quantum Biotechnology

National Conference on Quantum Biotechnology held at IIT Bombay, hosted by QMet Tech Foundation.

- **Focus** - Translating quantum science into diagnostics, biomedical imaging, drug discovery and precision medicine under National Quantum Mission.
- **Platform** - Interdisciplinary sessions on quantum for biology, biosensors lab-to-industry, innovation in biosensing.
- **Participants** - Researchers, clinicians, industry leaders, startups, students; DST, DBT and IIT Bombay experts.
- **Significance** - Reinforces India's collaborative quantum ecosystem, positioning quantum-enabled life sciences as priority frontier.

The infographic features a teal background with white text and icons. At the top left, the title 'Quantum Computing in Biotechnology' is displayed in large, bold, white font, with a small white plus sign icon to the right of 'Quantum'. To the right of the title is a stylized icon of a microchip with a blue atomic symbol in the center. Below the title, there are six numbered points, each with a small white plus sign icon to its left. The points are arranged in two columns. The first column contains points 1, 2, and 3, while the second column contains points 4, 5, and 6. Each point has a brief description in smaller white text. At the bottom right, there is a stylized icon of a DNA double helix structure.

Quantum⁺ Computing in Biotechnology

- 1. Revolutionizing Drug Discovery**
Quantum computing accelerates molecular simulations, predicts drug-protein interactions, and optimizes drug properties for faster, cost-effective development.
- 2. Unraveling Protein Folding**
Predict 3D protein structures with quantum precision, aiding in understanding diseases like Alzheimer's and creating therapeutic proteins.
- 3. Genomic Data Analysis**
Process vast genetic datasets rapidly, identify complex patterns, and enable personalized medicine tailored to genetic profiles.
- 4. Quantum-Classical Hybrid Systems**
Early integration of quantum and classical computing improves molecular modeling accuracy and drug discovery pipelines.
- 5. Quantum Sensors for Biology**
Achieve ultra-sensitive detection of biomolecules, enabling real-time cellular process monitoring and enhancing medical imaging.
- 6. Pioneering Bioinformatics**
Develop real-time genome analysis and advanced synthetic biology applications, including metabolic optimization and biomaterial innovation.

Turkey - 71st Artemis Accords Signatory

Türkiye officially joins US-led Artemis Accords, becoming the 71st country.

- **Framework** - Promotes safe, transparent and peaceful exploration of Moon, Mars and deep space; based on 1967 Outer Space Treaty.
- **Commitments** - Sharing scientific data, astronaut assistance, interoperability, preservation of historic sites.
- **Ambitions** - Türkiye developing first lunar mission AYAP-1; hosting International Astronautical Congress in Antalya.
- **Milestones** - First astronaut Alper Gezeravcı (ISS, 2024); Tuva Atasever (Virgin Galactic 07).
- **Regional Context** - Seventh West Asian nation to sign, joining UAE, Saudi Arabia, Bahrain, Oman, Jordan and Israel.
- **Significance** - Strengthens global coalition for Artemis programme, supporting long-term Moon presence and future Mars missions.

