UPSC Current Affairs
10th October 2025

🏛️ Polity & Governance

Bihar Electoral Roll Case – Supreme Court Hearing

Keywords: <u>Electoral Transparency</u>, <u>Voter Rights Protection</u> - <u>Electoral Transparency:</u> The principle that electoral processes must be open, accountable, and subject to public scrutiny to maintain democratic legitimacy; <u>**Voter Rights Protection:**</u> Safeguarding citizens' fundamental right to participate in democratic processes through fair and inclusive electoral systems.

Numbers Issue	SC Bench	Petition Filed
Adult population: 8.22 crore; Final rolls: 7.42 crore → ~80 lakh missing voters (~10%)	Justice Surya Kant and Joymalya Bagchi directing EC clarification	Prashant Bhushan alleging disproportionate deletion of women & minorities

Rule Cited: Rule 21A, Registration of Electors' Rules, 1960 — requires public notice of deleted names.

Constitutional Link: Article 326 — Universal Adult Suffrage; Article 324 — Election Commission powers.

SC Notice to Assam BJP & X (Social Media Case)

Context: Plea against AI-generated communal video showing "Muslim takeover" if BJP loses polls.

Bench: Justices Vikram Nath & Sandeep Mehta.

Reach: 4.6 million views, 19,000 likes, 6,100 reposts.

Grounds: Violation of secular principles & Representation of the People Act, 1951.

🌍 International Relations
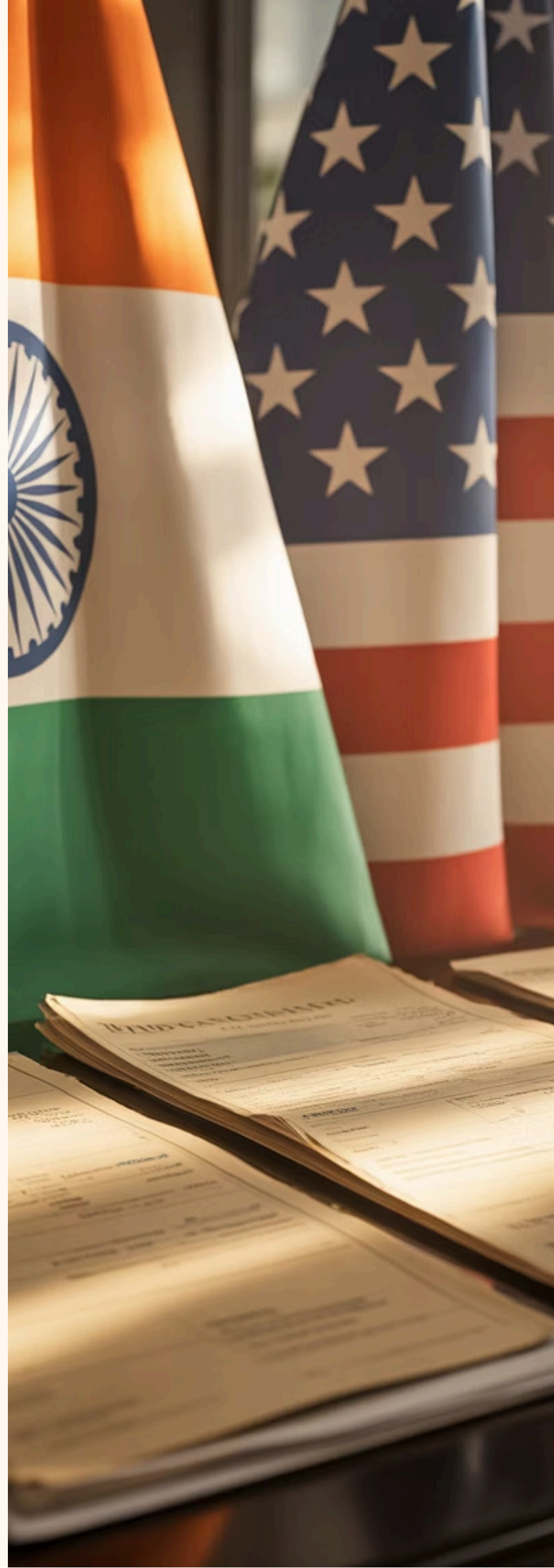
India–UK Relations: Starmer's India Visit

- **Leader:** UK PM Keir Starmer with 100-member business delegation.**Keywords: Economic diplomacy, bilateral engagement** - **Economic diplomacy refers to using economic tools to achieve foreign policy objectives; bilateral engagement involves direct cooperation between two nations.**

- **Event:** Global Fintech Fest, Mumbai (Oct 10–11).**Keywords: Financial technology cooperation, sectoral partnership** - **Financial technology cooperation involves joint development of fintech solutions; sectoral partnership focuses on specific industry collaboration.**

- **Objective:** Review implementation of Comprehensive Economic & Trade Agreement (CETA).**Keywords: Trade agreement implementation, economic integration** - **Trade agreement implementation involves executing negotiated terms; economic integration creates deeper economic ties between nations.**

- **Trade Volume:** £44.1 billion (2024–25).**Keywords: Bilateral trade growth, economic partnership value** - **Bilateral trade growth measures increasing economic exchanges; economic partnership value quantifies mutual economic benefits.**

- **Focus Sectors:** Fintech, education, green finance, digital trade.**Keywords: Digital economy cooperation, sustainable finance** - **Digital economy cooperation involves joint digital initiatives; sustainable finance integrates environmental considerations into financial systems.**

India–Afghanistan: Taliban's Muttaqi Visit

Visitor: Amir Khan Muttaqi, Taliban Foreign Minister.

Event: Moscow Format meet hosted by Russia – India participated.

Significance: Taliban admitted as "member" for first time; its flag displayed officially. Step toward de facto recognition; UNSC exemption for travel granted.

⚖️ Law, Administration & Ethics

Madras HC Transfers District Judge

Keywords: **Judicial Accountability, Abuse of Authority** - **Judicial Accountability ensures judges are answerable for their actions within the legal framework; Abuse of Authority involves misuse of official power beyond legal jurisdiction.**

Officer: Pa.U. Chemmal, Kancheepuram District Judge.

Reason: Abuse of authority — remanded DSP to custody without jurisdiction.

Inquiry by: Registrar (Vigilance) confirmed misuse of power.

Action: Transferred as Chairman, Permanent Lok Adalat (Ariyalur).

Karur Stampede Case (Tamil Nadu) – SC Hearing

Context: Plea for CBI probe into Sept 27, 2025 stampede (41 deaths) at actor Vijay's rally.

Current Status: SC to hear on Oct 10, 2025.

Earlier: Madras HC refused CBI probe; SIT investigation ongoing.

💰 Economy & Infrastructure

Keywords: <u>Infrastructure Development, Economic Multiplier Effect</u> - <u>**Infrastructure Development involves building physical systems that support economic activity; Economic Multiplier Effect describes how initial spending creates additional rounds of economic activity.**</u>

Cabinet Approval – Multi-Tracking Rail Projects

Keywords: <u>Connectivity Enhancement, Logistics Efficiency</u> - <u>**Connectivity Enhancement improves physical and economic links between regions; Logistics Efficiency reduces transportation costs and time through better infrastructure.**</u>

894

Total Length (km)

Multi-tracking rail projects across states

Keywords: <u>Rail Network Expansion, Freight Capacity</u> - <u>**Rail Network Expansion increases transportation infrastructure; Freight Capacity enhances goods movement efficiency.**</u>

₹24,634

Total Cost (crore)

Investment in rail infrastructure

Keywords: <u>Capital Investment, Infrastructure Financing</u> - <u>**Capital Investment involves long-term spending on productive assets; Infrastructure Financing provides funding for public infrastructure projects.**</u>

States: <u>Maharashtra, MP, Gujarat, Chhattisgarh</u>.

Completion: By 2030–31 under PM Gati Shakti National Master Plan.

Districts Covered: 18 districts, including Vidisha, Rajnandgaon.

Maharashtra ₹31,628-crore Relief for Farmers

Keywords: <u>Agricultural Risk Management, Disaster Compensation</u> - <u>**Agricultural Risk Management involves strategies to protect farmers from production and income risks; Disaster Compensation provides financial relief for losses due to natural calamities.**</u>

- **Purpose:** Flood & heavy rain damage relief
- **Dry land:** ₹18,500/ha
- **Irrigated:** ₹27,000/ha
- **Fully irrigated:** ₹32,500/ha
- **Add-ons:** ₹47,000/ha for washed land, ₹3 lakh via MGNREGS, ₹10,000/ha rabi support

🌿 Environment, Science & Technology
Elephant Conflict Study – Karnataka & Kerala

Keywords: **Human-Wildlife Conflict**, **Conservation Biology** - **Human-Wildlife Conflict occurs when wildlife requirements overlap with human activities, leading to costs for both; Conservation Biology applies scientific principles to protect biodiversity and ecosystem integrity.**

Report by: Centre for Wildlife Studies (CWS)

Comprehensive analysis of elephant-human interactions

Keywords: **Ecological Research, Wildlife Behavior Analysis** - **Ecological Research studies relationships between organisms and their environment; Wildlife Behavior Analysis examines animal responses to environmental changes and human activities.**

Key Finding: 38% injuries/deaths in Kerala from infrastructure

Trenches, solar, electric fences cause most elephant casualties

Keywords: **Anthropogenic Barriers, Wildlife Corridor Fragmentation** - **Anthropogenic Barriers are human-made obstacles that impede wildlife movement; Wildlife Corridor Fragmentation breaks up natural pathways animals use for migration and foraging.**

Additional Findings:

- **Rainfall:** Top driver (28%) of human–elephant conflict mitigation choices
- **Cultural Factor:** Communities show empathy → link to cultural reverence for Ganesha

Physics Nobel Prize 2025

Winners: John Clarke, Michel Devoret, John Martinis.

Work: Created circuit demonstrating quantum tunnelling using Josephson junctions.

Significance: Foundation for quantum computing technology.

Keywords: Quantum Physics Applications, **Superconductivity Research** - Quantum Physics Applications involve practical uses of quantum mechanical principles; Superconductivity Research studies materials with zero electrical resistance.

🚨 Internal Security & Law and Order

Ladakh Violence Update

01

Personnel Deployment

Deployed: 1,500 CRPF troops.

Context: Managing law and order situation following protests.

Keywords: **Internal Security Management**, **Paramilitary Deployment** - **Internal Security Management involves maintaining law and order within national boundaries; Paramilitary Deployment uses semi-military forces for internal security operations.**

02

Casualty Assessment

Casualties: 4 dead, 150 injured (Sept 24 protests).

Denial: CRPF refuted pellet gun use; only tear gas deployed.

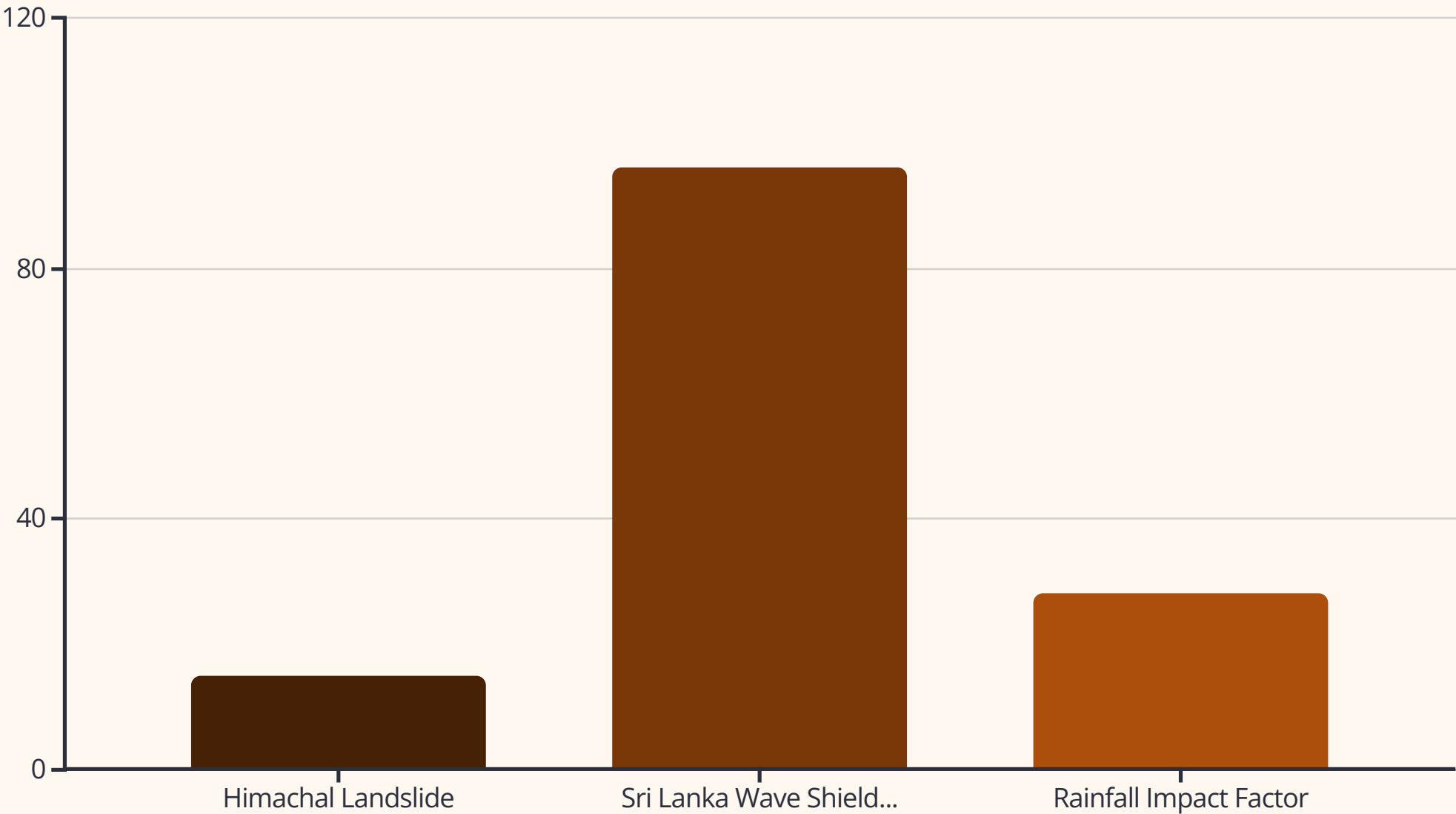Keywords: **Crowd Control Protocols**, **Use of Force Guidelines** - Crowd Control Protocols are standardized procedures for managing large gatherings; Use of Force Guidelines govern when and how security forces can employ force.

⚠️ Disasters & Climate Events
Natural Disasters & Response

Keywords: <u>Disaster Risk Reduction</u>, <u>Emergency Response Systems</u> -
<u>Disaster Risk Reduction involves systematic efforts to analyze and reduce disaster vulnerabilities.</u>
<u>Emergency Response Systems are coordinated mechanisms for immediate disaster response and relief.</u>

Himachal Landslide – Bilaspur District

Casualties: 15 dead; bus hit by falling boulders (Oct 8).

Relief: ₹1 lakh PMNRF + ₹50,000 for injured.

Cause: Heavy rain since Oct 6.

Keywords: <u>Slope Stability</u>, <u>Himalayan Vulnerability</u> -
<u>Slope Stability refers to the resistance of inclined surfaces to failure by sliding or collapsing.</u>
<u>Himalayan Vulnerability describes the mountain region's susceptibility to climate-induced disasters.</u>

Sri Lanka's Geographic Role in Wave Protection

Study by: INCOIS (Hyderabad).

Finding: Sri Lanka acts as natural shield protecting India's SE coast from Southern Ocean swell waves.

Data: 96% of long-period swells blocked by Sri Lankan landmass.

💼 Administration & Governance Updates

PM Modi–Putin Phone Call

Occasion: Putin's 73rd birthday.

Context: Discussion on upcoming India–Russia Summit (Dec 2025); Arctic cooperation.

Keywords: Strategic Partnership, Arctic Diplomacy - **Strategic Partnership: long-term cooperative relationship between nations based on shared interests; Arctic Diplomacy: international relations and cooperation in the Arctic region, increasingly important due to climate change and resource access.**

INCOIS Wave Study

Research: Sri Lanka's role as natural wave barrier.

Implication: Coastal hazard models must include natural barriers amid climate change.

Data Source: Indian National Centre for Ocean Information Services.

Keywords: Coastal Geography, Disaster Preparedness - **Coastal Geography: study of the dynamic interface between ocean and land; Disaster Preparedness: advance planning and preparation to effectively respond to emergency situations.**

Quantum Computing Recognition

Achievement: Physics Nobel for quantum tunnelling research.

Scientists: Clarke, Devoret, Martinis.

Impact: Foundation technology for quantum computing advancement.

Keywords: Quantum Technology, Scientific Innovation - **Quantum Technology: applications based on quantum mechanical phenomena; Scientific Innovation: the development of new technologies and methods through research and experimentation.**

Key Institutional Updates

Keywords: Institutional Governance, Administrative Efficiency - **Institutional Governance: systems and processes that guide institutional decision-making and accountability; Administrative Efficiency: the ability to achieve maximum output with minimum wasted effort or expense in government operations.**

- **Election Commission:** Clarifying Bihar voter roll discrepancies under SC direction
- **High Court Action:** Madras HC demonstrates judicial accountability through district judge transfer
- **CRPF Deployment:** 1,500 troops managing Ladakh situation with restrained force protocols
- **Relief Distribution:** Maharashtra's ₹31,628 crore farmer relief package implementation

🧩 Quick Prelims Recap

Topic	Key Fact	UPSC Relevance
Bihar rolls case	80 lakh voters deleted	Polity / Electoral reforms
UK PM Starmer visit	£44.1 bn bilateral trade	IR / Economy
Taliban invited to Moscow Format	First formal participation	IR / Afghanistan
Multi-tracking projects	₹24,634 cr, 894 km	Infra / Economy
Physics Nobel 2025	Quantum tunnelling (Josephson junction)	Sci & Tech
Maharashtra relief	₹31,628 cr package	Governance / Agriculture
Elephant fence study	Fences cause 38% deaths	Environment
Sri Lanka wave shield	96% swell blocked	Geography / Disaster mgmt
Himachal landslide	15 deaths	Disaster mgmt
SC notice to BJP (AI video)	4.6M views, communal	Law / Ethics

Key Examination Areas Covered:

- **Polity:** Electoral transparency, judicial accountability, federalism
- **International Relations:** Bilateral partnerships, regional diplomacy, strategic cooperation
- **Economy:** Infrastructure investment, agricultural relief, trade relations
- **Environment:** Conservation challenges, climate impacts, disaster management
- **Science & Technology:** Quantum computing, research recognition, innovation