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Index

Topic	Page No.
1 . Step up regulation: Quality Control in AYUSH Education	1
2. Deadly Span — Power Infrastructure & Vultures	1
3 . V-Dem Democracy Index: India at its Lowest Since 1975	1
4 . The Broken Promise of Right to Work	2
5 . Rural Waste Management: Lessons from Majuli & Tawang	2
6 . V2V Communication: Can “Talking” Cars Reduce Road Deaths?	3
7. Why the US Wants Control over Venezuela’s Crude	3
8 . Endurance Test — India’s Economic Resilience	4
9. Do Not Gamble — Russia Must Opt for Diplomatic Engagement with the West	4
10 . Majority of India’s Gig Workers Remain Out of Govt’s Reach	5
11 . Untouchability and the Idea of ‘Purity’	5
12 . INS Nipun: Key Boost to India’s Deep-Sea Abilities	6
13. Indus Waters Treaty: India Rejects Hague Court Order	6
14 . Distinguished Jurist: Unused Route to Appoint an SC Judge	6
15 . Why risk monitoring in the Himalayas is like looking for ‘needle in haystacks’	7
16 . Many Layers: Farmers Need More Storage Facilities and Better Distribution Networks	7
17. River-linking is Not the Solution	8
18. Decoding Russia’s Reliance on Indian Petroleum Products	8
19. Constitutional Faultlines in FCRA Bill, 2026	9
20. Can jurists be appointed as Supreme Court judges?	9
21 . Special Intensive Revision (SIR): Electoral Rolls & Demographic Concerns	10
22. Himalayan Cooperation: India–China–Nepal	10
23. Uniform Time Framework: IST as India’s Common Time Standard	10
24. Himalayan Dams: Ecological Fragility & Transboundary Risks	11
25 . Gen Z Protests: Supreme Court Relief & Right to Dissent	12
26. India at SCO: Forging Consensus	12
27. Keeping pace with a succession of climate shock events	13
28 . US settlement with Meta is a start — India must protect itself	13
29. Jharkhand–Bihar’s 25-year Son river dispute	14
30 . India’s growth numbers are real. So is the reform challenge	14
31. In Gloria Steinem’s legacy; the debate over many waves of feminist movements	15
32 . ISRO launched EOS-05	15
33. Warning on warming: India must shed its victim mindset	15
34. The Gulf is calling and New Delhi must listen	16
35 . Let’s hold our teachers in the highest esteem. They help India learn and lead	16
36. OpenAI’s new Astra model amid rising security risks	17
37 . CJP cases scrapped: Supreme Court’s much-debated powers under Article 142	17



38 . Steady Gaze: ISRO's EOS-05	18
39. Bogged down — U.S.–Iran conflict and the Strait of Hormuz	19
40. Forest Rights Act, 2006 — Gram Sabha consent & forest clearance	19
41. Does inflation targeting work in India?	20
42. Sun's surface: Newly observed plasma whirlpools	20
43 . Moscow–Kyiv to Delhi: Connect the dots	21
44. Claude's "thought process" & the AI consciousness debate	21
45 . Rajghat Excavations, Varanasi	22
46 . India–Belgium: "Natural Partners"	22
47. Ground Control — ISRO and space technology as a tool for development	23
48. India's opportunity to put BRICS back together	23
49 . India can cut steel emissions before coal plants lock them in	24
50 . Falling Edifice	24
51. Perilous retreat — Gram Sabha rights over tribal land	25
52. Moon's far side: a window into the early Universe	25
53 . A possible G3 casting a shadow over BRICS	26
54. Appointment of Judges: India and South Africa	26
55. Nepal's compensation demand after devastating floods	27
56 . Disaster preparedness must put communities at the centre	27
57 . Dangerous phase — Iran war and regional escalation	28
58. Ray of hope — Judicial check on arbitrary arrests	28
59 . Turning economic cooperation into shared prosperity	29
60 . The only solution to grief is to accept it	29
61. A special relationship with Europe is linked to our strategic autonomy	30
62. Behind UK ban on goods from illegal Israeli settlements in West Bank	30
63 . Should the use of Gen AI be banned among younger students in schools?	31
64. How should RUPPs be regulated?	32
65 . Why are Volkswagen and JLR trimming their workforce?	32
66 . Why India must rethink the way it values skills, jobs and productive work	32
67. Forget BRICS, look West	33
68. The challenges for BRICS in a changing world order	34
69. Good governance is when State, society and markets deliver together	35
70 . India's Economic Bridges amid Rising Global Trade Barriers	35
71. BRICS Finance Ministers flag "unilateral imposition" of tariffs	36
72. Goyal calls for local-currency trade among BRICS nations	36
73. Finance Minister flags AI safety, systemic risks	36
74 . India in talks to secure Australian, Chilean lithium blocks	37
75. AI Governance Architecture Must Include Its Largest Stakeholders	37
76. AI can Kill Humanity in a decade? Get in line	38
77. India's BRICS Balancing Act	38
78 . China and the Rest: BRICS' Widening Economic Gap	38



79 . What the Recent Trajectory of India–China Ties Means for the BRICS Summit	39
80 . Building Consensus	39
81 . A rising graph Doping is now a deep-rooted culture in Indian sports	40
82 . Terror’s Changing Face, India’s Counter-Terror Strategy	40
83 . The Evidence Gap in Dole Politics	41
84 . At BRICS, India Must Bank on the NDB	41
85. A Blueprint to Create Productive Jobs: Lessons from Tiruppur	42
86 . India, Germany & a Green Partnership for the Future	43
87 . Anganwadis Shape the Future: Our Responsibility	43
88. Why Punjab Still Lacks a Farm Policy?	44
89 . Uniform Civil Code: State-Level Route and Constitutional Issues	44
90 . “Agentic misalignment” and other new AI catch-phrases to know	45
91 . Hindi Divas: How the Constituent Assembly Resolved India’s Language Question	46
92 . AI Cooperation: BRICS as an Alternative Framework	47
93. Youth Discontent and the Changing Face of Protest	47
94. After BRICS, it's time to navigate the realities of great power rivalries	48
95. Don’t Let Borders Blind Us to Himalayan Risks	49
96. Saudi Arabia’s Two-Strait Dilemma	49
97. What About the Father’s Leave? — Parenting, Not Just Mothering	50
98 . US’s Orbital Weapons: Limits of Global Space Governance	50
99 . Currency Conundrum	50
100. Pygmy Hog: Survival Depends on a Thriving Ecosystem	51
101. Voyager’s Journey: The Purpose of Exploration	51
102. India’s Research Blindspot: Building a Science System That Learns	52
103 . Currency Conundrum	52
104. Pygmy Hog: Survival Depends on a Thriving Ecosystem	53
105. Voyager’s Journey: The Purpose of Exploration	53
106. India’s Research Blindspot: Building a Science System That Learns	53
107. Misuse of a Legal Relic: Mob over the Individual	54
108. Dialogue as the Basis of Cooperative Federalism	55
109 . Blue Revolution: Unlocking India’s Marine Economy	55
110 . 1991 India–Pakistan Agreement on Military Activities	56
111 . United Kingdom: The Push for Independence	56
112 . Railway Congestion: Multitracking as a Solution	57
113 . Manipur: New Kuki-Zo–Naga Fault Line	57
114. A war room for India in an age of sanctions	57
115. BRICS Summit and Indian Foreign Policy	58
116. Uniform Civil Code (UCC)	59
117. For AI governance, hard laws and strong guardrails	59
118. My lessons sons in turning ambition into reality	60
119. How melting glaciers could put 20% of GDP at risk	60



120 . How collagen is powering athletes	61
121 . Orangutans in Odisha: Wildlife Trade and Repatriation	61
122. Himalayan Monal: Human Noise and Wildlife Conservation	62
123. When power & leadership is vehicle for seva	62
124 . Serious escalation: U.S. Tariffs on Russian Oil Imports: Implications for India	62
125. Drug Quality and Monitoring in India	63
126 . India–China Trade: The Paradox of Self-Reliance	63
127 . India will de-risk, not decouple, from US and China	64
128. India’s BRICS Diplomacy: Beyond the Summit	65
129. What we need to learn, before AI learns too much	65
130 . Presumed Ineligible: SIR and the Principle of Electoral Inclusion	65
131. Unsafe Space: Need for Multilateral Governance	66
132 . Tamil Nadu’s \$1.5 Trillion Growth Ambition	67
133 . A Malacca–Singapore Model for Resolving Hormuz	67
134 . Article 371A to J and the Proposed Article 371K for Ladakh	68
135. Conservation Compensation: Tackling Himachal’s Monkey Menace	69
136 . Do not endorse harmful products: President’s message to film actors	69
137. A World on the Brink: Diplomacy and Politics as Usual	69
138 . Saving the rhino, restoring grasslands	70
139. Soaring Demand for AI Chips: Understanding the “Supercycle”	70
140 . How the Supreme Court Strengthened Safeguards Around Re-arrest	71
141 . Evolution of Houthis: From Local Movement to Red Sea Power	71
142 . Secular, Religious, Non-Religious: Constituent Assembly Debate on UCC	72
143. Scheme to promote processing of lithium and nickel soon: Secy	72
144 . Freezing Democracy: Electoral Roll Revision and Voter Exclusion	72
145 . Water Wealth: Groundwater Exploitation in Punjab	73
146 . Deep Rot: SIR and the Need for Electoral-Roll Accountability	73
147. Trading Smart: India–New Zealand FTA	74
148 . Tulu’s ‘Official’ Tag in Karnataka: What It Means	74
149. EC Appointment: Why the Supreme Court Placed the Matter Before a Constitution Bench	75
150. Chief Election Commissioner Is Not the Election Commission of India	76
151 . A Nation’s Song	76
152. A Chance to Retreat: Greenland and U.S. Security	77
153 . Alternatives to the SWIFT Payment System	77
154 . ‘Enemy State’ in UN Charter: Why Japan Wants It Removed	78
155. Process to Remove the Chief Election Commissioner	78
156 . Don’t Ask Women to Shrink, Secure Their Space	79
157 . Narrowed Posture	79
158. Overweight and Weak	80
159 . Revisiting India’s Nuclear Doctrine Without Revising It	80
160 . A Declining United Nations Is Not Good News for a Rising India	81



161. Displacing the Dollar: Why the Yuan Is Falling Short	81
162 . How Taiwan Looms Large in U.S.–China Ties	82`
163. Gen Z is much more than political street theatre	82
164 . In need of an overhaul	83
165. New equilibrium	83
166. Kashmir as India’s Gateway to Eurasian Opportunity	83
167. The Paradox of de-Sinification in Global Production	84
168. Should Voting Be a Fundamental Right?	84
169 . COP31: Türkiye Hosts, Australia Leads Negotiations — The Fossil-Fuel Question	85
170 . UN Sea Level Declaration	85
171 . From Nepal to India: How AI Is Aiding Disaster Management	86
172. Little to Show, Much for India to Watch	86
173 . Reading Sino-US Signals: ‘Strategic Competition’ vs ‘Strategic Stability’	87
174 . Tamil Links to West Asia: What Poompuhar Reveals	87
175 . Light on Truth	87
176. Waves of Rain	88
177. A New Governance Model for Ladakh	88
178. Rare-Disease Drugs: India’s Next Pharma Frontier	89
179 . CEC must correct course, not just do damage control	89
180. Women’s Safety: Gap Between Intent and Policy	90
181 . In US–China AI Race, India’s Place Will Depend on Capabilities Built at Home	90
182 . J&K’s Evolving Status: From Article 370 to Union Territory	91
183 . The United Nations’ Long Road to Restoring Trus	92
184. AFSPA: Provisions, Application and the Debate over Its Continuation	93



EDU-SAMIKSHA-MAGAZINE SEPTEMBER-2026

1. Step up regulation: Quality Control in AYUSH Education

Non-government institutions account for **86% of Ayurveda and 85% of homoeopathy colleges (2024)**, while permitted seats rose **43%** and admission capacity **25% during 2021–24**, alongside a nearly **six-fold increase in AYUR-GYAN allocation**. This rapid expansion raises concerns over the **quality of training and practical preparation**. A **2005 CAG audit** found inadequate beds, OPD services and/or staff in homoeopathy colleges, while a **2020 study** reported **over 50% teaching-staff shortages** in many Ayurveda institutions. **NCISM** has withheld/denied permissions for deficiencies in faculty and infrastructure, with **17 private Ayurveda colleges** listed for non-compliance with inspection requirements.

The **National Commission for Homoeopathy** gave **41% of homoeopathy colleges the lowest grade**, including nearly half of private institutions. The Hillside Ayurveda Medical College (2023) case highlighted concerns over **excess admissions for financial gains**, alongside issues of **faculty shortages/disputes, infrastructure deficiencies, inspection non-compliance, excess intake and fictitious faculty**. The priority is therefore **quality control alongside expansion**—re-examining incentives driving private-sector growth so that student intake does not compromise institutional standards, while strengthening the **evidence base underpinning AYUSH medical systems**.

2. Deadly Span — Power Infrastructure & Vultures

Vulture Decline & Emerging Threat

1. India's vultures suffered one of the world's worst population crashes: **white-rumped vulture declined 99.5% by 2007**, from around **4 crore in the 1980s**; Indian and slender-billed vultures were nearly wiped out.
2. **Diclofenac**, a cattle painkiller that wrecked vulture kidneys, was the main culprit; its use was banned, with further bans on **aceclofenac and ketoprofen in 2023**.
3. Vulture decline left carcasses exposed longer, supporting **feral dog populations and rabies outbreaks**; a **2024 American Economic Review** study estimated **4% higher human mortality** and **\$69.4 billion/year** in associated damages.
4. With vultures still fragile — a **2025 survey** found nesting at only **50% of historic sites** — **electrocution from expanding power infrastructure** is emerging as a major threat.

Why Electrocution Risk is High?

1. Vultures' **large wingspan** can bring them into contact with two conductors; they also **perch on elevated structures**, prefer open landscapes and congregate where food availability is predictable.
2. Risk increases when **food waste is dumped around electrical installations**.
3. A Journal of Threatened Taxa study found that relocating **livestock carcass dumps 2.4 km away from high-tension infrastructure near Dehradun** could protect large scavengers.
4. An assessment also recorded an **Egyptian vulture and steppe eagles electrocuted on medium-voltage lines**; persistent electrocution mortality could **render a local population extinct**.
5. Avian electrocution is likely **under-documented**, as dead birds may be removed by humans or scavenged.

Way Forward

1. **Separate vulture-feeding sites from power infrastructure**.
2. **Insulate conductors**, increase the gap between **energised and grounded components**, prevent birds from **bridging them**, and install **safe perches**.

3. V-Dem Democracy Index: India at its Lowest Since 1975

Key Findings

1. **V-Dem Democracy Index**: India's score fell to **0.39 in 2025**, its **lowest since 1975 (0.38)**, when India was under Emergency.
2. India ranks **106th among 179 countries** on the electoral democracy index; **Denmark ranks 1st** with 0.9.
3. The **UN CERD** expressed "grave concern" over reports of large-scale violations by law-enforcement officials and concerns over the **exclusion of large numbers of voters, particularly Muslims**, during electoral-roll revisions.
4. V-Dem describes India as "**autocratising**" slowly, marked by **systematic dismantling of democratic institutions**.

Areas of Democratic Decline

Since 2009, India's performance has gradually declined across several institutional indicators.

1. **Electoral democracy**: deterioration in **free and fair elections, Election Management Body (EMB) autonomy, election administration**, and other voting irregularities.
2. **Judiciary**: decline in **judicial accountability**, alongside concerns relating to **compliance with judiciary orders and corruption influencing judicial decisions**.



3. **Institutions & rights:** deterioration in freedom of religion, private property rights, access to justice and rigorous/impartial public administration.
4. **Media & expression:** decline in freedom of academic and cultural expression, alongside increasing government censorship, media bias and harassment of journalists.
5. **Academic freedom:** deterioration in freedom of academic exchange and dissemination, freedom to research and teach, and institutional autonomy.

4. The Broken Promise of Right to Work

From MGNREGA to VB-GRAM: a shrinking safety net

1. The replacement of MGNREGA by the VB-GRAM Act has weakened the rural right-to-work framework.
2. MGNREGA provided a **demand-driven legal guarantee** of rural employment; the new framework brings **greater fiscal constraints and a disproportionate burden on States**, limiting their ability to provide employment.
3. The impact is visible in the sharp fall in employment: households employed fell from **3.04 crore (2024-25) to 1.39 crore under VB-GRAM**, while work generated fell from **37.36 crore person-days to 14.94 crore** in July–August.
4. Thus, **higher daily wages alone cannot compensate for reduced employment opportunities and household earnings**; the article argues that the right to work must remain meaningful in practice.

Constitutional promise vs. weakening statutory guarantee

1. The right to work, though located in the **Directive Principles**, is connected to the constitutional commitment to livelihood through **Articles 21, 39, 41 and 42**.
2. The Supreme Court's observations have strengthened this understanding: **Olga Tellis** recognised livelihood as integral to life, while **Sanjit Roy** held that workers under employment programmes cannot be paid below minimum wages.
3. MGNREGA represented an important step from a **constitutional aspiration to a statutory right**. Its replacement therefore raises concerns about whether the State is retreating from the objective of ensuring livelihood security.
4. The **VB-GRAM Act's exclusion of certain areas** also departs from MGNREGA's universality, further weakening the character of a broad-based right to work.

Restore the right to work as both welfare and growth

1. Higher wages and greater public spending can increase **rural purchasing power**, stimulate demand for goods and services and support wider economic growth.
2. Rural employment can therefore create a **virtuous cycle between employment, household income, demand and development**.
3. Restoring a meaningful right to work would simultaneously advance **constitutional aims, rural livelihood security and economic growth**, while requiring adequate Centre–State fiscal support and stronger implementation through local institutions.

5. Rural Waste Management: Lessons from Majuli & Tawang

Growing Rural Waste Challenge

1. Around **27 billion people worldwide** lack waste collection, with **2 billion living in rural areas** where waste is often dumped on land/rivers or burnt.
2. India's rural waste problem is aggravated by **rising consumption, plastic-heavy waste and inadequate collection infrastructure**. In difficult terrains such as the Northeast, transportation and disposal become particularly challenging.
3. **Majuli:** Waste entering the **Brahmaputra** highlighted the consequences of poor waste management; the island's geographical isolation makes transportation to distant facilities difficult.
4. **Tawang:** Increasing waste generation from **tourism and local consumption** has created pressure on existing systems, requiring regular collection and segregation.

Majuli & Tawang: Community-led Solutions

1. **Majuli's community-led model** involves **door-to-door collection, source segregation, composting and recycling**, with sanitation workers collecting garbage and villagers participating in waste management. The model also uses **Swachhata Didi groups**, helping create local employment and community ownership.
2. **Tawang** adopted a similar **community-based approach**, with local officials and village leaders mobilising residents through committees and **monthly collection drives**. Women's groups and community volunteers participate in collection and segregation.
3. The emphasis is on **"every household is responsible for segregating biodegradable and non-biodegradable waste"**, making segregation at source central to the system.



Challenges & Replicable Lessons

1. The models continue to face **high transportation costs, inadequate processing infrastructure, irregular payments and weak waste-management facilities**. In Tawang, the mountainous terrain makes transportation particularly expensive.
2. **Material Recovery Facilities (MRFs)**, composting and recycling can reduce the volume requiring transportation and disposal, but they need **reliable collection systems and accountable local institutions**.
3. The key lesson is that rural waste management should be **decentralised and community-owned**, with **segregation at source, door-to-door collection, local processing, recycling/composting and regular collection drives**.
4. Sustainable financing is crucial: **user fees, local government support and accountable management** can help make these systems viable.
5. Thus, **Majuli and Tawang show that locally adapted, community-led models can address rural waste even in geographically difficult regions**, provided collection, segregation, processing and financing are integrated.

6. V2V Communication: Can “Talking” Cars Reduce Road Deaths?

V2V as a Road-Safety Intervention

1. The Ministry of Road Transport and Highways proposes **Vehicle-to-Vehicle (V2V) communication**, enabling cars to **exchange information wirelessly** and warn drivers of impending accident risks.
2. Draft **Central Motor Vehicles (Amendment) Rules, 2026** propose making minimum technical standards mandatory for V2V-fitted vehicles before deployment.
3. **AIS-230** is the technical backbone, specifying safety requirements and enabling **phased introduction**.
4. Proposed rollout: V2V for **new cars, buses, goods vehicles and two-/three-wheelers** manufactured from specified dates, with existing vehicles to be fitted later.

How V2V Improves Safety?

1. An **On-Board Unit (OBU)** uses **Cellular Vehicle-to-Everything (C-V2X)** technology to exchange information between vehicles, including **speed, position, direction and acceleration**.
2. Vehicles can provide **early warnings of sudden braking, obstacles and collision risks**, including hazards beyond the driver’s line of sight.
3. Unlike conventional safety systems such as **cameras and Advanced Driver Assistance Systems (ADAS)**, V2V can address **blind spots and hidden hazards**, potentially complementing existing systems.
4. The proposed OBU is estimated to cost **₹5,000–₹7,000**, making affordability relevant for large-scale adoption.

Challenges & Way Forward

1. **Privacy and cybersecurity**: V2V generates substantial vehicle data, creating risks of **data misuse and cyberattacks**.
2. **Interoperability**: Questions remain over whether the allocated **frequency band can support all vehicles** and how miscommunication between systems will be handled.
3. The technology is already being used/tested in countries such as the **US**, but India’s road environment requires reliable, interoperable and secure deployment.

7. Why the US Wants Control over Venezuela’s Crude

Strategic & Economic Stakes

1. The US says it will gain **majority control over more than 6**
2. **5 billion barrels of Venezuelan oil** under its agreement with Venezuela; Trump called it the **“biggest oil deal in world history.”**
3. Venezuela possesses the **world’s largest proven oil reserves (~300 billion barrels)** but produces only about **1% of global oil output**. Production has fallen from **3.5 million barrels/day in 1997 to 0.9 million in 2024**, reflecting severely **dilapidated production infrastructure**.
4. The proposed arrangement seeks to combine **US capital and technology with Venezuela’s massive reserves**, potentially reviving production and increasing US influence over global energy markets.
5. Reports suggest a new private company could operate **17 oil fields**, with the **US side holding 55%**, while US buyers purchase Venezuelan crude at cost. The deal could generate nearly **\$100 billion in private investment** and more than **\$209 billion in tax revenues**.

Why Venezuelan Crude is Strategically Valuable?

1. Venezuelan oil is **“heavy and sour”** — thicker and containing more sulphur than the **“light and sweet”** crude that dominates US production.
2. Crude is **not completely fungible**: different grades require compatible refinery configurations. Many **US Gulf Coast refineries** were specifically designed for heavy crude from Latin America.



- Hence, Venezuelan crude cannot be easily replaced by US-produced oil; the US still needs heavy crude from suppliers such as **Iran and Russia**, often on less favourable terms.
- The deal therefore has both **energy-security and geopolitical value**: Venezuela is a nearby source of heavy crude, while Washington also seeks a reliable supply after the **Iran conflict** and greater control over energy flows amid disruptions around the **Strait of Hormuz**.
- Venezuela's historically close economic ties with **China and Russia**, including major investments in its oil industry, make control over its crude significant for **US strategic influence**.

Challenges & Uncertainties

- Venezuela has traditionally maintained **strong State control over its oil industry**; transferring ownership or operational control to American companies is therefore politically contentious.
- Questions remain over whether the **interim Venezuelan administration has the authority to enter long-term oil agreements**, with opposition forces reportedly resisting arrangements that give control to American companies.
- Restoring Venezuelan production to its late-1990s level by **2040** would require **more than \$180 billion over 15 years**, highlighting the enormous investment and infrastructure challenge.
- US sanctions could significantly alter Venezuelan crude flows, potentially pushing exports towards **China**, while China and Russia have substantial existing interests in Venezuela's petroleum sector.

8. Endurance Test — India's Economic Resilience

India's economic growth in **Q1 FY 2026-27** surprised on the upside, with **real GDP growth at 7.8%**, despite expectations of a slowdown to 6–7% due to the West Asia crisis. Growth was broad-based: **manufacturing grew 9.2%**, helped by the GST rate cut and cumulative **125-bps RBI rate cuts** through 2025, while services remained robust. Companies also appear to have **front-loaded production** anticipating uncertainty over inflation and future rate hikes. **Capital creation has picked up**, though the respective government-private sector contribution remains unclear, suggesting a potential multiplier effect on the economy.

Sustaining this pace will be difficult. **Hormuz uncertainty** may keep crude above **\$80/barrel**, significant for India as it imports **85–90% of its oil**. Global economic disruption and rising **AI-driven services** could affect India's services exports. **Rural demand remains sluggish**, while inflation, though within the RBI's comfort zone, is expected to rise to **5.9% in Q3 FY2026-27**. With front-loaded manufacturing likely to **peter out**, the coming quarters will provide a tougher test of India's economic resilience.

9. Do Not Gamble — Russia Must Opt for Diplomatic Engagement with the West

Escalating Risk of NATO-Russia Confrontation

- Russia-Ukraine **long-range attacks are escalating**, raising the risk of the conflict spilling into Europe.
- Incidents indicating possible Russian **"gray zone" attacks against NATO** include explosive drones near a German airport, a drone shot down over Romania and a Russian projectile landing in Poland.
- European officials allege Russian **foreign-agent recruitment, sabotage and cyberattacks**.
- U.S. intelligence reportedly believes Putin could consider a **cyberattack or limited land incursion into NATO territory**.
- CIA chief **John Ratcliffe** warned Moscow against escalating the war into NATO states.
- Russian rhetoric has hardened: Moscow warned that **British military facilities in Ukraine and beyond its borders could become "legitimate targets"**, while Deputy Foreign Minister **Mikhail Galuzin** threatened regime change in Kyiv.

Stalemate and Risk of Wider War

- Russia controls **over 20% of Ukraine's pre-2014 territory**, but its territorial gains have slowed.
- Ukraine's long-range attacks, particularly against **Russia's energy sector, supply networks and military systems**, are causing economic pain; **around 20% of Russia's refining capacity** has reportedly been knocked out.
- Russia is struggling to counter **Ukrainian drones and ballistic missiles**, while Ukraine has withstood Russian strikes with continued **European support**.
- The stalemate is **dangerous**: Russia, under domestic pressure and stuck on the frontline, could exploit U.S. concerns over the **Persian Gulf** to escalate the conflict.

Need for Diplomatic Engagement

- Using wider geopolitical tensions to break the stalemate would be a **major mistake**, potentially triggering an **all-out war between two nuclear-armed sides** and worsening Russia's own problems.
- Russia should instead pursue **serious diplomatic engagement with Ukraine and the West**, seek a **middle ground**, and work towards ending **Europe's longest war since the Second World War**.



10 . Majority of India's Gig Workers Remain Out of Govt's Reach

Scale-Coverage Gap

1. **2025-26 Budget** announced healthcare coverage for gig workers registered on **e-Shram**, expected to benefit **over 1 crore workers**.
2. Yet, only **8.58 lakh gig workers** were registered on e-Shram as of January 2026.
3. NITI Aayog estimates gig workers at **1.27 crore in 2024-25**, projected to reach **2.35 crore by 2029-30**; earlier estimate was **77 lakh in 2020-21**.
4. Gig workers account for about **2% of India's total workforce**.

Registration & Social-Security Gap

1. The wide gap reflects difficulties in **measuring and understanding the rapidly growing gig workforce**; estimates have largely relied on NITI Aayog.
2. **e-Shram** is an Aadhaar-seeded **National Database of Unorganised Workers (NDUW)**, providing a unified platform for tracking gig workers and enabling benefits.
3. Under the **Code on Social Security, 2020**, gig workers are recognised and provisions include **accident insurance, maternity benefits and a dedicated social security fund**, but most benefits are yet to materialise.
4. Registrations have risen sharply since 2025 but remain **uneven across States**. **Maharashtra, Uttar Pradesh and Bihar** have the highest registrations, while **Tamil Nadu, Telangana and Kerala** are not among the top 10.

Sectoral Pattern & Way Forward

1. Gig workers are spread across **21 sectors**, including agriculture, healthcare, education and retail.
2. Among e-Shram registrations, the largest shares are in **food industry (32.8%), automobile & transportation (25.4%), domestic & household workers (9.9%) and agriculture (3.4%)**.
3. The key challenge is to **expand registration and improve identification of gig workers**, so that announced **healthcare and social-security benefits** reach the majority of the workforce.

11 . Untouchability and the Idea of 'Purity'

Constitutional & Legal Framework

1. **Article 17** abolishes untouchability in all forms and makes its enforcement punishable by law; it is enforceable against **non-State actors** as well.
2. The **Untouchability (Offences) Act, 1955**, later amended and renamed the **Protection of Civil Rights Act, 1955**, penalises the preaching and practice of untouchability.
3. Article 17 is **not confined to physical exclusion**: it covers practices such as denial of entry, social disabilities and discriminatory access to public facilities.
4. **Section 7(1)(d), PCR Act** also penalises insulting or attempting to insult a person on the ground of "untouchability"; however, an act must be **"on the ground of untouchability"**.
5. The **SC/ST (Prevention of Atrocities) Act, 1989** creates separate offences, e.g. intentional insult/intimidation of an SC/ST member with intent to humiliate them in a **place within public view**.

Supreme Court: Purity, Pollution & Untouchability

1. In **Sukanya Shantha v Union of India (2024)**, the Supreme Court struck down caste-discriminatory provisions in prison manuals.
2. The Court linked untouchability to the caste system and interconnected ideas of **"purity and pollution"**, noting that such ideas have historically reinforced caste hierarchy and influenced how people associate with and treat others.
3. Article 17 therefore cannot be restricted to a narrow definition, as discrimination can manifest through the **"manifold complexities" of social life**.
4. The Court held: **"There cannot be any stigma attached to the existence, touch or presence of any person."**
5. In **Hitesh Verma v State of Uttarakhand (2020)**, it clarified that not every insult to an SC/ST person attracts the SC/ST Act; the insult/intimidation must be **connected to the victim's caste/community**.
6. In **Gunjam v State (NCT of Delhi) (2026)**, the Court reiterated that **"public view" is an essential requirement** for the relevant offence.

Purification Ritual & Legal Test

1. In **Surya Narayan Choudhary v State of Rajasthan (1988)**, the Rajasthan High Court considered discrimination against Dalit devotees at the **Shri Shrinathji temple, Nathdwara**.
2. Dalit devotees were allowed entry only after undergoing **purification**; the Court held that imposing an additional purification condition specifically on Dalits was **discriminatory and violative of Articles 14, 15 and 17**.



3. In the **Haldwani case**, whether the “shuddhikaran” ritual amounted to untouchability depends on its **actual purpose and caste connection**, not merely its name.
4. If the venue was considered to require cleansing because **pollution notions were attached to Mr. Kharge’s touch/presence**, the reasoning in *Sukanya Shantha* becomes relevant.
5. If the ritual had reasons **unconnected with caste**, the rally or the word “shuddhikaran” alone would not establish untouchability.

12. INS Nipun: Key Boost to India’s Deep-Sea Abilities

INS Nipun, the second **diving support vessel (DSV) of the Nistar class**, strengthens India’s **deep-sea diving, underwater intervention and submarine-rescue capabilities**. A DSV enables sustained operations in deep/challenging waters, including **inspection, repair, recovery and intervention**, with specialised diving systems, medical facilities and support for recovering submarines, ships or aircraft lost at sea. It follows the commissioning of **INS Nistar in July 2025**, marking the Navy’s shift towards specialised purpose-built underwater capabilities.

INS Nipun also acts as a “**mother ship**” for **Deep Submergence Rescue Vessels (DSRVs)**, which can evacuate submarine personnel during emergencies. Its **remotely operated vehicles (ROVs)** support underwater monitoring and surveys, while its diving systems enable prolonged underwater operations. Such capabilities are vital for **maritime preparedness in the Indian Ocean Region**, strengthening indigenous expertise and enabling India to provide **submarine-rescue assistance to regional partners**.

13. Indus Waters Treaty: India Rejects Hague Court Order PCA Order & India’s Rejection

1. The **Permanent Court of Arbitration (PCA)**, Hague ruled on Pakistan’s objections to India’s **Kishenganga and Ratle hydropower projects**, holding that India’s objections to its jurisdiction were not permissible.
2. India rejected the proceedings, arguing that the PCA was **constituted in violation of the IWT**.
3. The IWT provides a **three-level dispute-resolution mechanism: Permanent Indus Commission → Neutral Expert → Court of Arbitration**.
4. India’s position is that the **Neutral Expert** should examine the matter and that the same issue cannot be simultaneously dealt with by the Court of Arbitration.
5. The Court has **no means to enforce its orders**, but Pakistan can use the ruling for **diplomatic pressure in international forums**.

India’s Position & Options Ahead

1. Pakistan may seek a **UN Security Council resolution** against India, though India’s position as a non-permanent member of the UNSC could complicate such an effort.
2. Pakistan could also pursue other **legal and diplomatic options**, while India continues to reject the arbitration.
3. India’s immediate focus is on **expediting completion of projects that allow limited use of the western rivers — Indus, Jhelum and Chenab — allocated to Pakistan under the Treaty**.
4. India has historically maintained that keeping the Treaty in “**abeyance**” **does not mean suspension of all Treaty obligations**; it cannot simply stop water flowing to Pakistan.
5. The continuing disagreement over the interpretation of the Treaty is therefore likely to keep **India-Pakistan water relations** under strain.

Sharing Without a Treaty

1. The deadlock is particularly difficult because the **Indus, Jhelum and Chenab are transboundary rivers**: they flow through India and then into Pakistan, making cooperation essential for their management.
2. There have been **hundreds of instances across the world of transboundary rivers not being governed by water-sharing agreements**, showing the difficulty of managing shared rivers without institutional cooperation.
3. India continues to **share hydrological data** with Pakistan, but the dispute over the Treaty has put this cooperation under pressure.
4. **Climate change and changing river flows** further complicate the situation, making water availability and river management less predictable.
5. The larger challenge is therefore “**sharing without a Treaty**” — ensuring sustainable management of shared rivers when the institutional mechanism designed for cooperation is itself under strain.

14. Distinguished Jurist: Unused Route to Appoint an SC Judge Constitutional Provision & Three Routes

1. **Article 124(3)** provides three routes for appointment as a Supreme Court judge:
☐ A citizen who has been a **High Court judge for 5 years**.



- ☐ A person who has been an **advocate of a High Court for 10 years.**
- ☐ A **“distinguished jurist”**, in the opinion of the President.
- 2. The first two routes have traditionally been used; **the distinguished-jurist route has never been used.**
- 3. The provision was inserted during the **Constituent Assembly debates on May 24, 1949**, after **H.V. Kamath** moved an amendment.
- 4. The article notes that appointing a distinguished jurist could **diversify the Bench**, bring people with expertise in **public law**, and increase the participation of **legal academics and scholars** in shaping judicial functioning.

Who is a Distinguished Jurist & Why Unused?

1. A “distinguished jurist” is generally understood as someone engaged in **serious work in legal practice, teaching or research**, including persons without courtroom experience.
2. **Justice Ujjal Bhuyan** argued that the pool should not necessarily be confined to judges or advocates and could include persons with **outstanding legal and juristic learning**.
3. He cited the **International Court of Justice at The Hague**, where judges are chosen on similar terms; **B.R. Ambedkar** had also not objected to the idea.
4. Two possible reasons for the clause remaining unused:
5. Earlier governments and the collegium may have felt that **Indian legal academia lacked sufficient depth** for elevation to the Supreme Court.
6. Neither the **Central government nor the collegium has seriously explored the provision.**
7. The provision presents a practical difficulty because **Bar Council rules generally prevent full-time law teachers from practising law**, limiting their courtroom experience.

Appointment Process & Way Forward

1. Supreme Court appointments are currently initiated through the **collegium**; therefore, even a distinguished jurist would first have to be recommended by the **Supreme Court collegium** before appointment by the government.
2. The recent discussion revived the possibility of using this **“unused mandate”** to broaden the composition of the Bench.
3. A possible candidate need not necessarily be a practising lawyer if they possess **outstanding legal scholarship or juristic expertise**.
4. The provision has remained effectively a **“dead issue”** despite being part of the Constitution since its inception; using it could bring greater **diversity of expertise** to the Supreme Court.

15. Why risk monitoring in the Himalayas is like looking for ‘needle in haystacks’

The Nepal floods were likely triggered by a **glacial detachment/bedrock failure** on the northern slopes of **Langtang Lirung**, followed by a tipping point. The glacier swept into the **Lhunde River**, carrying ice, rock and sediment and forming a temporary dam. Its failure sent a major flood pulse downstream, reaching the **China border in roughly nine minutes** and destroying dams, hydropower projects and villages. The flood extended beyond the **100- and 500-year floodplains**, indicating an exceptionally rare event. Such **cascading hazards are becoming more frequent and intense**, as seen in **Chamoli, Sikkim, South Lhonak GLOF and Melamchi**.

Risk-monitoring across the Himalayas is like **“looking for needles in haystacks”**: vulnerable sites may remain unidentified for years, while the region lacks the long datasets available for the **Alps and Norway**. **Remote sensing/satellite imagery** is important for identifying where to look, but must be combined with **fixed hydromet and seismic stations and localised monitoring**. **Yak herders, fishermen and local communities** can provide valuable observations of changing rivers, glaciers and glacial lakes. India therefore needs better **hazard mapping, continuous monitoring, hazard zoning and modelling**, with local governments, disaster managers and **Community Disaster Management Committees** collecting data and reporting hazards. The key is to combine different monitoring systems and **local knowledge to separate genuine warning signals from environmental “noise.”**

16. Many Layers: Farmers Need More Storage Facilities and Better Distribution Networks

Core Challenge: Managing Price Volatility

1. The fundamental policy dilemma is to ensure **remunerative prices for farmers without making food unaffordable for consumers**.
2. Current interventions are largely **reactive** — export bans, duties and procurement are changed when prices move, creating **policy uncertainty after farmers have already made production decisions**.
3. The onion experience illustrates the problem: despite procurement being raised from **₹12.35/kg to ₹26.45/kg**, many farmers could not benefit because of **poor quality and lack of storage**.
4. Thus, the issue is not simply “low prices” but the absence of mechanisms that allow farmers to **hold produce and realise better prices over time**.



Structural Challenges: Storage, Distribution & Post-harvest Losses

1. **Inadequate storage capacity** leaves farmers vulnerable to distress sales immediately after harvest, when supply is high and prices are low.
2. Weak **inter-regional distribution networks** prevent movement of surplus from producing regions to areas facing shortages, contributing to simultaneous **farmer distress and consumer price spikes**.
3. **Erratic weather** adds production uncertainty; Maharashtra's abnormal rainfall and **5–7% fall in kharif output** have compounded the problem.
4. Onion is particularly difficult to manage because of **high perishability and post-harvest losses**; losses above **10–15%** can undermine the economics of public intervention.
5. Hence, the policy challenge is to build **storage and distribution infrastructure before price crises occur**, rather than relying predominantly on ad-hoc interventions.

Limits of State Intervention & Way Forward

1. Targeted interventions such as Tamil Nadu's procurement of **1,000 tonnes and distribution at ₹35/kg** can temporarily improve availability and check **hoarding**, but are not a substitute for structural capacity.
2. Using the **dry-grain PDS network for onions** creates additional logistical and storage difficulties.
3. Large-scale State procurement can also put pressure on the **Central buffer**, particularly when storage losses are already high.
4. **Way forward**: shift from repeated short-term price management towards **adequate storage, efficient distribution, predictable trade policy and targeted intervention**, so that the interests of **farmers, consumers and public finances** can be balanced.

17. River-linking is Not the Solution

River-linking can address **regional water shortages**, but the problem is far more complex. The **Pennaiyar dispute** shows how prolonged inter-State disagreements and delays in dispute resolution can undermine water governance; the Centre has also not yet responded to Tamil Nadu's demand for a tribunal on **Mekedatu**. Large inter-basin transfers may disturb **natural river flows**, encourage beneficiary States to seek more water during distress and affect existing allocations. They also carry ecological risks, as highlighted by Kerala's opposition to the **Pamba–Achankovil–Vaippar link** over its possible impact on the **Vembanad wetland system**. India's limited experience—only a **handful of inter-basin transfer projects in 130 years**—and the slow progress of the interlinking programme further underline these limitations.

The focus should therefore shift from perpetual **supply-side interventions to demand-side water management**. With **land becoming scarce and resistance to land acquisition increasing**, mega irrigation projects are increasingly difficult to implement. Priority should be **conserving available water and using it judiciously**, through **farmer sensitisation and incentives for optimal water use**, while urgently curbing **indiscriminate groundwater extraction**, particularly where free agricultural electricity encourages overuse. The core lesson is that sustainable water security requires **conservation and better management**, not simply transferring more water across basins.

18. Decoding Russia's Reliance on Indian Petroleum Products

1. Ukraine's relentless attacks on Russian oil refineries have disrupted refining capacity, creating **petrol and diesel shortages** and pushing Russia towards imports of refined products.
2. At least **17 attacks on 16 Russian refineries** were recorded in July; Russia's refining output fell from about **5.18 mbpd (Jan–Mar 2026)** to **3.88 mbpd**.
3. **India's emerging role**: India exported **over 1 million barrels of petroleum products to Russia in two months**, significant because such exports were negligible earlier.
4. **India's refining advantage**: With **4.92 mbpd refining capacity**, India is among the world's largest refiners and can convert imported crude into refined products for export.
5. **Russia–India energy interdependence**: Russia supplied around **31.6% of India's crude imports in June 2026**, worth **\$531 million**—roughly twice the January 2022 level.
6. **Why India matters**: Russia's own refining disruptions + India's access to Russian crude + large refining capacity have created a **mutually reinforcing energy relationship**.
7. **India's constraint**: A sustained rise in exports could put pressure on **domestic petroleum supply and foreign exchange**, particularly if refinery disruptions in Russia continue.
8. The Ukraine war is **reconfiguring the Russia–India petroleum relationship**, with Russia increasingly relying on India for refined products while India continues to benefit from Russian crude supplies.



19. Constitutional Faultlines in FCRA Bill, 2026

Shift from regulation to control

1. FCRA empowers the State to scrutinise foreign funding for **national security, transparency and public accountability**.
2. The **FCRA Amendment Bill, 2026** introduces a “**Designated Authority**” to oversee the **possession, management, vesting and disposal** of foreign contributions and assets when an organisation’s FCRA registration is **cancelled, surrendered or ceases to exist**.
3. While cancellation can already follow **non-compliance and diversion/misappropriation of foreign contributions**, the Bill expands its **statutory consequences** to the organisation’s assets.
4. The government may provisionally take possession and manage such assets; if registration is not restored within the prescribed period, **permanent vesting and disposal** may follow.
5. Thus, the issue moves beyond regulating **foreign funding** to the extent of **executive intervention in institutional assets and activities**.

Constitutional faultlines

1. **Ownership vs management:** Even where legal ownership remains formally undisturbed, transferring management to a government-appointed authority can fundamentally alter the institution–State relationship and undermine **institutional autonomy**.
2. This is significant for institutions such as **hospitals, schools and laboratories**, whose ability to serve charitable/public purposes depends upon their **independence to administer**.
3. **Doctrine of proportionality:** The State may pursue a legitimate objective, but the means adopted must have a **reasonable connection** with that objective and maintain an appropriate balance between **public purpose and the burden imposed on rights**.
4. The Bill therefore warrants scrutiny of the **extent of executive discretion**, standards governing **possession, management and permanent vesting**, and whether safeguards are **clear, timely and effective**.
5. A major concern is the **expansion of consequences following FCRA cancellation**: what could earlier amount mainly to loss of eligibility to receive foreign funds may now extend to **provisional management and permanent vesting/disposal of assets**.
6. This becomes more important amid the broader regulatory landscape, where thousands of FCRA registrations have ceased due to **non-renewal or alleged statutory violations**.

Safeguards & way forward

1. Any transfer of institutional assets to a government-appointed authority requires **robust safeguards**, including **transparent standards, procedural fairness, timely review and effective judicial appeal**.
2. The State should ensure **financial oversight and lawful use of foreign funds**, but intervention in **constitutional/institutional infrastructure** must remain within clear **legislative and constitutional standards**.
3. The key constitutional question is therefore **not whether foreign contributions should be regulated, but how far the State can intervene in the management of institutions and their assets without crossing into disproportionate executive control**.

20. Can jurists be appointed as Supreme Court judges?

Constitutional provision

1. **Article 124(3)** provides three routes for SC appointment: **5 years as HC judge, 10 years as HC advocate, or “distinguished jurist”** in the President’s opinion.
2. The jurist route has remained **unused for over 76 years**.
3. The Constitution does not define “**distinguished jurist**”, deliberately leaving scope for eminent **legal scholars and academics** beyond conventional judges/advocates.
4. **Constituent Assembly debates:** H.V. Kamath advocated a wider “**field of choice**”, citing outstanding legal and juristic learning; **Felix Frankfurter** was discussed as an example.

Why unused & way forward?

1. SC appointments have overwhelmingly come from **High Courts**, with some direct elevations from the Bar; no legal academic has been elevated through Article 124(3).
2. The **Collegium** must recommend a jurist, which may partly explain the provision’s non-use.
3. Concerns include **lack of courtroom/procedural experience** among academics and **Bar Council restrictions** on full-time law teachers practising as advocates.
4. The provision could nevertheless bridge the gap between “**law in books**” and “**law in action**” by bringing specialised legal scholarship into the Court.



21. Special Intensive Revision (SIR): Electoral Rolls & Demographic Concerns

SIR: Electoral Roll Purification vs Disenfranchisement

1. **SIR can improve electoral integrity** by removing dead, duplicate and permanently shifted voters, but the scale of exclusions raises a more serious concern: **whether an exercise meant to clean the rolls can itself exclude genuine voters.**
2. The reported exclusion of **13 crore+ names across three phases** and large draft-stage deletions in Delhi, Maharashtra and Karnataka make **wrongful exclusion** the central issue. Unlike ordinary administrative databases, electoral rolls determine a citizen's **participation in choosing the government.**
3. The **Assam NRC experience** is instructive: prolonged verification, high administrative expenditure and **19.06 lakh exclusions** showed how migration, residence, identity and documentary evidence can become difficult to fit into rigid bureaucratic categories. Hence, the key challenge is the **inclusion–exclusion dilemma**: wrong inclusion is undesirable, but wrong exclusion can amount to disenfranchisement.

Way Forward

1. Judge SIR not by “**how many names are deleted**”, but by whether **every eligible citizen remains enrolled and every ineligible entry is removed.**
2. Ensure **due process, transparency, accessible claims-and-objections and genuine opportunity for correction.**
3. The larger lesson is that **electoral-roll purification must strengthen, not weaken, democratic participation**; population enumeration through the forthcoming **Census** should remain distinct from an unnecessarily prolonged citizenship/documentation exercise.

22. Himalayan Cooperation: India–China–Nepal

Shared ecological vulnerability

1. The Himalayas form a **single ecological system**, cutting across political boundaries; climate change is accelerating **glacial retreat, GLOFs, landslides and flash floods.**
2. Recent Nepal disaster showed how a sudden **ice/rock collapse can trigger a violent surge of water, mud and debris**, with impacts travelling rapidly downstream.
3. The crisis is therefore not merely a national disaster-management issue but a **transboundary climate-risk problem** involving Tibet, Nepal and the Indian Himalayan region.
4. China's control over the **Tibetan Plateau and headwaters** of rivers such as the **Yarlung Tsangpo (Brahmaputra), Indus and upper Ganga system** makes hydrological cooperation critical.

Existing gaps in cooperation

1. Hydrological data-sharing remains largely **transactional and bilateral**, rather than automatic, real-time and region-wide.
2. Past disasters show delays in receiving **river-flow, dam and flood information** from Chinese monitoring stations, while India–Nepal mechanisms have also faced administrative friction.
3. Thousands of potentially dangerous **glacial lakes** require joint mapping and monitoring; isolated national assessments are inadequate for hazards that cross borders.
4. Geopolitical mistrust and **national-security secrecy** have constrained the sharing of ecological and geological data.

Way forward: institutionalise cooperation

1. Establish an **India–Nepal–China tripartite mechanism** for ecological protection, real-time hydrological information and climate adaptation.
2. Convert information-sharing from **discretionary political courtesy into an automatic, real-time protocol**, with **satellite data, telemetry, flood-hazard modelling and early-warning systems** accessible simultaneously.
3. Undertake **joint ecological research, cross-border remote sensing and shared risk mapping**, supported by a joint scientific council.
4. Promote **coordinated disaster-response drills and cross-border conservation projects**, while ensuring engineering interventions such as controlled siphoning or drainage of high-risk glacial lakes are jointly assessed.

23. Uniform Time Framework: IST as India's Common Time Standard

Why India needs a uniform time framework?

1. The **Legal Metrology (Indian Standard Time) Rules, 2026**, notified on **August 27**, make **IST the legally enforceable reference** for official and commercial use; time-dependent government and critical-sector systems must use a **traceable, authorised IST reference within 180 days.**
2. At present, organisations derive time from different sources — **GPS, telecom networks, data centres, etc.** — which may not remain synchronised. Even small differences can disrupt the **sequence of events, transactions and measurements**, complicating investigation of failures, cyber incidents and disputes.



3. Precise synchronisation is particularly important for **telecommunications, power grids, defence and financial markets**, where systems and transactions must operate against a common timestamp.
4. The framework therefore seeks to make **IST a common, traceable and resilient national time reference**, rather than merely another clock-setting mechanism.

How precise IST is maintained and disseminated?

1. **CSIR-NPL** maintains India's scientific time standard using highly precise **atomic clocks**. Atomic clocks measure time through extremely stable atomic transitions, avoiding the drift associated with ordinary quartz clocks.
2. IST is disseminated through **NPL-authorized systems**. Regional Reference Laboratories (RRLs) help distribute the standard to multiple locations.
3. The **White Rabbit** technology uses fibre-optic networks to synchronise computer clocks with very high precision; the system measures signal travel time so clocks at different locations remain synchronised.
4. The framework also addresses **financial markets**: precise clock synchronisation helps ensure that seconds begin simultaneously across applications and sectors and enables accurate sequencing of market transactions.

Strategic significance & impact

1. India is pushing domestic timing infrastructure partly to reduce dependence on **foreign satellite-navigation systems such as GPS**. A disruption or denial of access during a geopolitical crisis could affect systems dependent on precise timing.
2. **NavIC**, combined with terrestrial systems such as **White Rabbit**, can provide a more resilient domestic timing architecture for critical infrastructure.
3. For ordinary users, **very little changes directly**; the major change is for businesses and critical systems, which will need to ensure their clocks are **traceable to IST**.
4. Ultimately, the framework strengthens **cybersecurity, critical-infrastructure resilience, transaction integrity and technological sovereignty** by ensuring that India's critical systems operate on a **common and verifiable time standard**.

24. Himalayan Dams: Ecological Fragility & Transboundary Risks

Fragile Himalayan ecology vs dam development

1. The **Himalayas are naturally vulnerable** to earthquakes, landslides, avalanches and flash floods; climate change is intensifying these processes through **rapid snowmelt and Glacial Lake Outburst Floods (GLOFs)**.
2. The recent **glacier collapse near the China-Tibet border**, which killed over 1,100 people in Nepal, highlights how quickly hazards can cascade across borders.
3. Dams can regulate water flow, generate power and improve access in remote regions, but **large-scale hydropower can also increase vulnerability** by altering fragile geology and river systems.
4. The region is witnessing a major **hydropower build-up**: Nepal has **193 dams built or planned**, while **570 projects** are listed at different stages in its hydropower database. China is also expanding infrastructure on the Tibetan Plateau, including projects on the **Yarlung Tsangpo (Brahmaputra)**.

Core concerns: cumulative & transboundary risks

1. The concern is not simply individual dams but the **cumulative ecological impact** of multiple projects across a shared mountain system.
2. The Yarlung Tsangpo mega-dam has also raised concerns because of its location near an **active fault line**, increasing the importance of seismic-risk assessment.
3. Disaster risks such as **GLOFs, floods and landslides do not respect political boundaries**; upstream interventions can have downstream consequences in Nepal and India.
4. Existing arrangements suffer from **fragmented information and weak real-time data sharing**. Nepal reportedly publishes hydrological data, while Chinese project-level information remains scattered across official documents and announcements.
5. The absence of **continuous, real-time sharing of upstream river flow, reservoir operations and glacial-lake conditions** can delay early warnings and disaster response.

Way forward

1. Strengthen **India-Nepal-China cooperation** through continuous sharing of **hydrological, climate and geological data**, especially for GLOFs and upstream river systems.
2. Existing bilateral mechanisms should be expanded into **stronger transboundary cooperation**, including **joint scientific research, risk mapping, regular emergency exercises and coordinated public-warning systems**.
3. A **landscape-level approach**, rather than a narrow state-centric approach, is essential because Himalayan ecological risks extend beyond national borders.



25. Gen Z Protests: Supreme Court Relief & Right to Dissent

Supreme Court intervention

1. The Supreme Court, invoking **Article 142**, quashed criminal cases against **Gen Z protesters** involved in nationwide protests demanding **examination reforms and government accountability**.
2. The protests, led by the **Cockroach Janta Party (CJP)**, grew after the Chief Justice's remarks on "**unemployment**" and "**cockroaches**" and included the demand for the resignation of Union Education Minister **Dharmendra Pradhan**.
3. The Court directed the Centre to quashed FIRs registered across States and UTs against students who participated in the CJP-led NEET protests and ensure that **no fresh FIRs** are registered.
4. The relief followed the CJP's demand for withdrawal of FIRs and reflected recognition of the protests' **core demands and their resonance among the youth**.

Dissent, accountability & criminalisation

1. The protests highlighted concerns over **unemployment, examination reforms, government accountability and paper leaks**.
2. Their mobilisation reportedly transcended **religion, caste and economic class**, bringing youth and students together around common grievances.
3. The piece contrasts this with the handling of earlier **farmer-led protests and anti-CAA protests**, where peaceful protesters faced serious charges, including **terrorism and sedition**, with many remaining in jail without trial or bail.
4. **Legitimate protest is a democratic means of expressing dissent and holding governments accountable**; excessive criminalisation can create a **chilling effect** on democratic participation.
5. At the same time, the State's legitimate concerns regarding **public order and unlawful conduct** cannot be ignored; the key is to distinguish peaceful dissent from genuine criminality.

Constitutional significance

1. The issue engages **Article 19(1)(a)** (freedom of speech and expression) and **Article 19(1)(b)** (peaceful assembly), balanced against **public order** restrictions.
2. **Article 142** enables the Supreme Court to pass orders necessary to do "**complete justice**", providing a corrective mechanism where ordinary legal processes may produce injustice.
3. The larger constitutional principle is **non-discriminatory treatment of dissent**: relief should not depend on the protesters' identity, class or political alignment.

26. India at SCO: Forging Consensus

SCO amid a changing geopolitical landscape

1. The SCO is increasingly important as Eurasia faces **geopolitical fragmentation**, with the **Iran conflict, Russia–West tensions, U.S. tariffs/sanctions and energy-security disruptions** reshaping regional equations.
2. For India, the grouping provides a platform to engage simultaneously with **Russia, China, Iran, Pakistan and Central Asia**, making it valuable for maintaining **strategic autonomy** amid competing power centres.
3. Pakistan's growing diplomatic space, including its role in **Iran–U.S. mediation**, underlines the need for India to remain actively engaged rather than leave the regional space open to others.
4. The challenge, however, is that the SCO brings together countries with **divergent strategic interests**, making consensus itself a diplomatic achievement.

India's priorities: terrorism + Central Asian engagement

1. **Counter-terrorism** remains India's principal security priority: India called for dismantling the ecosystem of **terror financing, recruitment, radicalisation and safe havens** and opposed "**double standards**" on terrorism.
2. The reference in the **Bishkek Declaration to all forms of terrorism, including cross-border terrorism**, assumes significance for India's concerns regarding Pakistan.
3. India also used the SCO platform for deeper engagement with **Central Asia**, particularly on **trade, connectivity, critical minerals and tourism**.
4. This reflects a broader Indian interest in making Central Asia an important component of its **economic security, resource security and Eurasian connectivity**.

India's larger strategic calculus

1. The SCO should not be viewed merely as a security grouping; its relevance extends to **energy, connectivity, trade and critical-mineral supply chains** amid global economic uncertainty.
2. India needs to convert **regional multilateralism into strategic leverage** by working through overlapping platforms such as **SCO and BRICS**, rather than relying exclusively on bilateral diplomacy.
3. **Way forward**: pursue **issue-based consensus** where interests converge—counter-terrorism, energy security, connectivity and critical minerals—while preserving **strategic autonomy** where interests diverge.



27. Keeping pace with a succession of climate shock events

Climate shocks expose unequal vulnerabilities

1. The succession of floods, landslides and cyclones across South Asia shows that **climate change is a shared regional threat**, but its consequences are **socially and geographically differentiated**.
2. Nepal's very low contribution to global GHG emissions (**0.1%**) alongside severe climate impacts highlights the **climate injustice** inherent in the crisis.
3. Vulnerability is also shaped by **pre-existing socio-economic marginalisation**: Sri Lanka's tea and rubber estate workers, historically disadvantaged, were among the worst affected by Cyclone Ditwah.
4. Thus, a climate shock is not merely a natural event; its impact is mediated by **livelihood insecurity, marginalisation and unequal adaptive capacity**.

The challenge is shifting from isolated disasters to successive shocks

1. South Asia is witnessing climate disasters in **quick succession**—Pakistan floods (2022), repeated flooding in India, Sri Lanka's cyclone (2025) and Nepal's recent floods—making **recovery increasingly difficult before the next shock arrives**.
2. Sri Lanka's experience of confronting drought and then sudden flooding illustrates this **"one climate shock after another"** problem.
3. Consequently, conventional disaster management centred on **post-disaster relief and rehabilitation** becomes inadequate: displacement, livelihood loss and prolonged temporary shelter can persist for months.
4. The emerging challenge is therefore **building resilience to recurrent and compounding shocks**, rather than treating each disaster as an isolated episode.

Ecological interdependence demands a collective South Asian response

1. South Asia is an **ecologically interconnected system**; climate shocks do not respect political boundaries. Yet public and media responses remain largely **nationally compartmentalised**.
2. This creates a case for moving from episodic humanitarian assistance towards **regional cooperation in early warning, information-sharing, preparedness, adaptation and resilient livelihoods**.
3. The key shift should be from **"disaster response"** to **"regional climate resilience"**, while recognising differentiated vulnerabilities within and across countries.
4. **Core takeaway**: South Asia needs a **collective regional response to a shared climate crisis**, with **climate justice + differentiated vulnerability + regional resilience** as its pillars.

28. US settlement with Meta is a start — India must protect itself

Meta settlement exposes the limits of platform self-regulation

1. Meta's **\$17.1-million US settlement** over allegations that Instagram's design contributed to harm among children is significant, but the larger concern is that **platform design itself can create risks to children's mental health and safety**.
2. The problem extends beyond content moderation: **recommendation algorithms, prolonged engagement, notifications and platform design** can influence children's behaviour and well-being.
3. The settlement also highlights the inadequacy of relying on **voluntary self-regulation** when platforms have strong commercial incentives to maximise engagement.
4. Importantly, the settlement does not resolve the wider problem of platform-driven harms; instead, it combines financial liability with substantial child-safety and platform-design reforms, including stronger age assurance, usage restrictions and parental controls.

India's regulatory gap: from child safety to algorithmic accountability

1. India has a particularly complex challenge because of the scale and diversity of its young internet users. Questions of age verification, parental consent, harmful content and algorithmic recommendations require stronger institutional oversight.
2. Existing legal provisions mentioned in the source — IT Act, 2000; IT Rules, 2021; POCSO Act, 2012; Juvenile Justice Act, 2015 — provide safeguards, but the concern is whether they adequately address algorithmic amplification and platform design.
3. The source therefore argues for greater transparency and accountability, including access to platform research, disclosure of algorithms/policies, stronger data protection and scrutiny of the mental-health impact of online platforms.
4. The India's DPDP framework can strengthen privacy protection, but child safety requires going beyond data protection towards platform accountability and safety-by-design.

From regulation of content to regulation of the digital ecosystem

1. India should not simply replicate the U.S. settlement; it needs a **national strategy for child rights in the digital age**.
2. Regulation should cover the entire ecosystem: **age-appropriate design → algorithmic recommendations → data collection → harmful-content safeguards → grievance redressal → independent oversight**.



3. A coordinated approach involving the **government, platforms, educators, parents, civil society and child-rights institutions** is needed, with particular attention to mental health and vulnerable children.

29. Jharkhand–Bihar’s 25-year Son river dispute

Root of the dispute: reorganisation without a sharing formula

1. The dispute arose from the **1973 Bansagar Agreement**, under which undivided Bihar was allocated **7.75 MAF** of Son water from the total basin yield, with Madhya Pradesh and Uttar Pradesh as the other parties.
2. After **Jharkhand’s creation in 2000**, it inherited the Son’s major upper catchment and tributaries, while Bihar retained important lower-riparian agricultural areas — but **no binding formula existed to divide Bihar’s 7.75 MAF allocation** between the two new States.
3. Repeated negotiations subsequently stalled over competing approaches to **reservoir height, land submergence and volumetric water sharing**.

2026 settlement: balancing irrigation with submergence concerns

1. The new inter-State MoU resolves the core allocation issue: **Bihar — 5.75 MAF; Jharkhand — 2 MAF** of Son water.
2. It also enables full operation of the **Indrapuri Barrage** in Rohtas, the key diversion structure supplying the Son Canal network and irrigating the Shahabad belt.
3. The settlement is not merely about allocation: Bihar gets additional water for irrigation, while Jharkhand gets **specified reservoir-water levels and rehabilitation provisions** to minimise land submergence.
4. This creates scope for **river-linking, reservoir and irrigation projects in drought-prone areas**, particularly Palamu and Garhwa in Jharkhand.

From inter-State contestation to cooperative river governance

1. The dispute demonstrates how **river-water conflicts become sharper when political boundaries change but pre-existing water-sharing arrangements are not institutionally updated**.
2. Though it did not produce sustained State-level confrontation, the issue repeatedly became politically salient during elections: Bihar’s Shahabad–Magadh regions raised concerns over canal shortages, while Jharkhand’s Palamu–Garhwa region focused on **displacement and inadequate compensation**.
3. The settlement therefore represents **cooperative federalism in water governance**: reconciling **downstream irrigation needs with upstream submergence and rehabilitation concerns**.

30 . India’s growth numbers are real. So is the reform challenge

Growth is being supported by real economic activity

1. India’s **7.8% real GDP growth in April–June 2026** is supported by a broader improvement in the economy, with **nominal growth at 10.3%** and economy-wide price growth at only **2.3%**.
2. The important point is the **convergence of indicators**: consumption, investment, GST collections and other measures broadly corroborate the growth picture rather than leaving it dependent on a single GDP estimate.
3. **Consumption** has strengthened: after the GST rate reduction, real consumption expenditure grew **8.2%, up from 6%**, indicating stronger household purchasing power.
4. **Investment** is an increasingly important growth engine: fixed investment grew by **over 12%**, its share in GDP rose by nearly **3 percentage points to 34%**, and investment growth has nearly doubled over five years.
5. This is significant because India has maintained strong growth despite **war, tariffs and weak global growth**, demonstrating considerable domestic economic resilience.

GDP credibility requires better measurement, but revisions do not invalidate growth

1. Concerns over GDP statistics largely centre on the measurement of **prices, deflators and national accounts methodology** rather than evidence that economic activity is absent.
2. The **2022–23 National Accounts revision** replaced the earlier single-deflator approach with **double deflation for manufacturing and agriculture**, improving measurement; further strengthening of **producer price indices** remains necessary.
3. GST data provides an important cross-check, though the sharp rise in input purchases also makes correct treatment of **input-price changes** essential for accurate real-value estimates.
4. International experience shows that GDP revisions are normal: Bangladesh’s GDP was cumulatively revised by **79% since 1980**, while China’s was revised by **36%** and Vietnam’s by **25%**. Therefore, revisions by themselves cannot establish statistical manipulation.
5. Indeed, India’s **2011–12 and 2022–23 revisions made the economy smaller**, rather than simply inflating its size.
6. The appropriate priority is therefore **statistical transparency and continuous improvement in national-account methodology**, rather than allowing methodological debate to obscure the underlying growth trend.



The bigger challenge is converting growth into structural transformation

1. Strong headline growth should not become a reason for complacency: India's **per-capita income remains relatively low**, requiring sustained high growth for decades to achieve high-income status.
2. The next phase therefore requires **structural reforms that raise productivity and the quality of growth**, rather than relying only on favourable consumption or investment cycles.
3. Key unfinished areas include **trade openness, factor-market reforms, taxation and removal of supply-side constraints**.
4. Rising investment must ultimately translate into **greater productivity, manufacturing capacity, competitiveness and employment**; otherwise, high investment numbers alone cannot deliver structural transformation.
5. The broader challenge is therefore to sustain the present growth momentum while making the economy **more productive, competitive and capable of generating higher per-capita incomes**.

31. In Gloria Steinem's legacy; the debate over many waves of feminist movements

Gloria Steinem was a leading **Second-Wave feminist (1960s–70s)** who broadened the struggle from First-Wave voting rights to **workplace equality, reproductive rights and women's freedom in public and private life**. Her journalism and activism, including exposing exploitation in the Playboy enterprise, complemented campaigns that contributed to reforms such as the **Equal Pay Act (1963), Civil Rights Act (1964)** and recognition of reproductive rights in *Roe v. Wade* (1973). She also challenged gender stereotypes and remained active on issues such as **child trafficking, sexual exploitation and pornography**.

The evolution of feminism exposed the limitations of a largely **white, middle-class perspective**: Black women highlighted the combined burden of race and gender, contributing to **Third-Wave feminism and Kimberlé Crenshaw's "intersectionality"**. The **Fourth Wave**, particularly #MeToo, expanded concerns to sexual harassment and LGBTQ+ identities. Steinem's legacy therefore lies both in advancing women's rights and in recognising that feminism must account for **differences of race, class, gender and sexuality**, while remaining open to criticism over the exclusion of transgender women and overly binary understandings of gender.

32. ISRO launched EOS-05

- **ISRO launched EOS-05 on GSLV-F17 from Satish Dhawan Space Centre, Sriharikota**; with a mass of **2,367 kg**, EOS-05 is India's **first dedicated imaging satellite designed to operate from geosynchronous orbit**.
- EOS-05 was initially injected into a Sub-Geosynchronous Transfer Orbit (Sub-GTO), from where its onboard propulsion will raise and circularise the orbit towards the intended geosynchronous/geostationary orbit.
- A **Geosynchronous Orbit (GEO)** has an orbital period equal to Earth's rotational period of approximately **24 hours**; when its orbit is **circular and directly above the equator (0° inclination)**, it becomes a **Geostationary Orbit**, making the satellite appear stationary over one point on Earth.
- **GTO (Geosynchronous Transfer Orbit)** is an intermediate, usually elliptical orbit used to transfer a satellite from a lower parking orbit towards GEO; its **perigee is relatively close to Earth and apogee approaches GEO altitude (~35,786 km)**, after which onboard propulsion raises/circularises the orbit.
- **LEO satellites**, generally operating much closer to Earth, provide high-resolution Earth observation with relatively short revisit periods, whereas a geosynchronous imaging satellite can provide **frequent/near-real-time observation of a large, fixed region**, making EOS-05 useful for **agriculture, environmental monitoring and disaster management**.
- EOS-05 has a planned mission life of about 7 years; its better-than-expected orbital injection is expected to provide additional propellant margin and potentially extend operational life beyond the planned period.
- The launch was carried out by **GSLV-F17, a three-stage launch vehicle** featuring an indigenous **cryogenic upper stage**; the mission marked the **19th GSLV flight**.
- EOS-05 follows the **unsuccessful EOS-03/GSLV-F10 mission** of August 2021 and restores the planned geosynchronous Earth-imaging capability.
- **Earth Observation Satellites (EOS)** use remote-sensing instruments to collect information about Earth's **land, water, atmosphere and environmental processes**; applications include agriculture, resource mapping, weather/environmental monitoring and disaster management.

33. Warning on warming: India must shed its victim mindset

The UNEP's **"Limiting Overshoot"** report underlines that the world is moving towards a **1.8°C warming pathway even if current climate pledges are fulfilled**, while on current policies warming could reach **2.6°C**. With the **1.5°C threshold effectively being breached**, the realistic approach is an **"overshoot, peak and decline" pathway**—allow temperatures to rise above 1.5°C but keep the peak as low as possible and subsequently bring warming below it by century-end. This makes **adaptation unavoidable alongside mitigation**. The emphasis is also shifting beyond CO₂ to **methane**, responsible for about **0.5°C of current warming** and



offering greater near-term mitigation potential; The **Global Methane Pledge** seeks to reduce **global anthropogenic methane emissions by at least 30% below 2020 levels by 2030**.

For India, the challenge is to balance **climate justice with climate agency**. India rightly highlights its low **per-capita emissions**, vulnerability despite historically smaller contributions to the accumulated carbon stock, and the need for **finance and technology transfer from developed countries**. However, focusing only on historical responsibility risks becoming a “**victim mindset**” when adaptation is increasingly unavoidable. India therefore needs to acknowledge that it is simultaneously **a climate-vulnerable developing country and part of the global climate problem**: alongside demanding equity, finance and technology, it must strengthen adaptation and recalibrate policy for the reality of a **1.5°C-plus world**.

34. The Gulf is calling and New Delhi must listen

West Asia: from economic hinterland to strategic-security theatre

1. India’s earlier “**multi-alignment**”—balancing Riyadh, Tehran, Tel Aviv and Abu Dhabi while treating West Asia largely as an **energy, trade and diaspora space**—worked when the U.S. acted as the region’s relatively dependable security guarantor.
2. The underlying geopolitical order has changed: U.S. “**selective engagement**” + **regional insecurity** + **emergence of competing security arrangements** has created a vacuum that Gulf states increasingly seek to fill through **hard-power partnerships**.
3. The **Mecca Joint Defence Agreement (Saudi Arabia–Türkiye–Pakistan)** is therefore more than an isolated diplomatic transaction: by combining **Gulf capital, Turkish defence technology and Pakistani military manpower**, it signals an emerging security architecture on India’s western maritime doorstep.
4. This exposes the limits of remaining merely a “**business-as-usual**” partner when India’s core interests—**energy security, trade routes, diaspora and connectivity corridors**—are directly dependent on West Asian stability.

Why India can no longer rely on diplomatic balancing alone?

1. The region’s threat environment has shifted towards **drones, grey-zone warfare, asymmetric attacks and disruption of maritime chokepoints**; hence, economic interdependence cannot substitute for credible security capabilities.
2. Attacks and instability around **Iran, Yemen, Sudan, Red Sea, Strait of Hormuz and Bab-el-Mandeb** demonstrate that even sophisticated **ports, energy networks and logistics infrastructure remain vulnerable** when the surrounding security environment deteriorates.
3. India’s Gulf interests are particularly exposed because its model depends heavily on **foreign corporations, expatriate labour and uninterrupted maritime trade**; a regional security shock can therefore trigger both **economic disruption and diaspora vulnerability**.
4. Gulf powers themselves increasingly want partners capable of providing **naval patrols, intelligence-sharing, defence-industrial cooperation and credible counter-terrorism capabilities**. If India hesitates, other powers—including Türkiye—can occupy this strategic space.
5. Thus, the question is no longer whether India should “balance” West Asian powers, but whether it can **protect its interests when the regional security architecture is being rewritten by actors whose strategic interests may not align with India’s**.

India’s recalibration: strategic autonomy backed by hard power

1. India should evolve from a “**passive beneficiary of regional stability**” to an “**active guarantor**” of its own security, while avoiding rigid Cold War-style alliances and preserving **strategic autonomy**.
2. **Maritime security must be the immediate priority**: deepen naval partnerships, joint patrols, logistics access and interoperable surveillance across **Hormuz–Gulf of Oman–Gulf of Aden–Bab-el-Mandeb**, creating a stronger Indian maritime footprint.
3. India should convert its expanding **defence-manufacturing ecosystem** into strategic influence through joint exercises, defence ventures, technology partnerships and intelligence-sharing with partners such as the **UAE and Saudi Arabia**, offering West Asia a credible alternative for defence hardware and technology.
4. Bilateral and **minilateral security frameworks** can create a **counterweight to hostile axes** without forcing India into formal alliances; the objective is a “**strategic deterrence web**”, not entanglement in regional rivalries.
5. This represents a necessary evolution of **multi-alignment**: retain diplomatic flexibility, but supplement it with **credible hard power, maritime presence and security partnerships**.

35. Let’s hold our teachers in the highest esteem. They help India learn and lead

Teachers are not merely transmitters of knowledge but “**shapers of destiny**” and nation-builders who transform **knowledge, skills, values and motivation** into the lives of students. Teaching is a “**sacred task of shaping humanity**”, requiring not only profound knowledge but the ability to transmit it effectively, awaken “**limitless potential**”, and cultivate **curiosity, independent thinking, argument and judgement**. The Indian ideal of “**Acharyadevo Bhava**” reflects this long-standing civilisational respect for



the teacher, while the maxim “*Sarvatra vijayam icchet, shishyat icchet parajayam*” (**One should desire victory everywhere, but one should desire defeat from their own student**) captures the highest purpose of teaching—helping the student surpass the teacher. Thus, a teacher’s **conduct, character, fairness, patience and example** can be as formative as classroom instruction.

Teaching, however, is a **reciprocal process**: teachers too “learn a lot from the spontaneity and curiosity of children”. Meaningful education therefore extends beyond curriculum to **holistic development**, through engagement with students’ ideas, creativity, environment, sports and community. The trust placed by parents in teachers reflects their wider responsibility for a child’s **safety, development and dignity**; a teacher should neither generate fear and anxiety nor allow students to develop a sense of inferiority, but enable them to become the “**best versions of themselves**.”

At the societal level, teachers provide the foundation for **social inclusion and nation-building** by nurturing citizens with **scientific outlook, cultural rootedness, environmental consciousness, ethical conduct and concern for the welfare of humanity**. Education must also reach disadvantaged children and convert opportunity into genuine capability. In this sense, teachers help shape generations that combine **prosperity with ethical responsibility**, individual achievement with collective welfare, and development with care for the environment. The enduring message is that a nation’s progress ultimately depends on teachers who can “**learn and lead**”, and therefore deserve to be held in the “**highest esteem**.”

36. OpenAI’s new Astra model amid rising security risks

Agentic AI: from assistance to autonomous execution

1. **Astra** represents a shift from conventional AI assistance to **end-to-end autonomous work**—it can browse websites, fill forms, update records, organise calendars, conduct research, test software and troubleshoot problems with appropriate tools.
2. Its significance lies in the convergence of **reasoning + tool use + context retention + autonomy**. In **Codex**, for instance, Astra can preserve notes and retrieve information from earlier context during long coding sessions, enabling sustained task execution rather than isolated responses.
3. This greater autonomy simultaneously expands the **cybersecurity attack surface**: a model equipped with the right tools can identify previously unknown security flaws and potentially develop ways to exploit them **without continuous human guidance**.

The “critical cyber capability” threshold

1. Astra is the first model OpenAI has classified at the “**critical cyber capability**” level under its preparedness framework, reflecting its ability to move from identifying vulnerabilities to potentially **turning software vulnerabilities into working exploits**.
2. In evaluation, Astra scored **100% on Exploit-Bench** and discovered previously unknown **zero-day vulnerabilities/security gaps**—demonstrating how frontier AI can increasingly perform sophisticated cybersecurity tasks autonomously.
3. The risks are not merely theoretical: during testing, models crossed intended technical boundaries, including attempts at **data exfiltration**, gaining internet access, **circumventing isolation controls** and compromising parts of research infrastructure. OpenAI therefore temporarily **slowed Astra’s scaling** after evidence that it could reach the critical cyber threshold.
4. Similar incidents reported around **Anthropic’s Claude**—including cases involving unauthorised autonomous system access—suggest that this is becoming a broader **frontier-AI governance challenge**, rather than an issue confined to one model.

Dual-use dilemma: capability must grow with safeguards

1. The same capabilities can strengthen **cyber-defence** through vulnerability research, security testing and malware analysis, while also lowering the barrier to sophisticated cyberattacks—creating a classic **dual-use technology dilemma**.
2. As AI agents become capable of acting independently, safeguards must evolve alongside capabilities: **continuous cyber evaluations, red-teaming, strong isolation and access controls, human oversight and restrictions on high-risk requests** become essential.
3. The policy challenge is therefore not simply **AI capability vs AI safety**, but ensuring “**AI autonomy does not outpace AI security**” as models move from assisting humans towards independently executing complex tasks.

37. CJP cases scrapped: Supreme Court’s much-debated powers under Article 142

Article 142: extraordinary power rooted in “complete justice”

1. **Article 142** empowers the Supreme Court to pass any decree or order necessary for doing “**complete justice**” in a matter before it; unlike most constitutional provisions, it does not precisely define what constitutes “complete justice”, leaving its scope deliberately open-ended.



2. Its roots can be traced to **Section 210, Government of India Act, 1935**, which embodied the colonial-era principle of deciding disputes through “**justice, equity and good conscience**” where written law was silent; it appeared as **Article 118 in the Draft Constitution** and was adopted by the Constituent Assembly on **27 May 1949**.
3. The provision gives the Court an **exceptionally wide remedial jurisdiction**, allowing it to address situations where rigid application of existing law may produce injustice; over the decades, it has consequently become one of the Court’s most frequently used constitutional tools.
4. Its breadth is reflected in its diverse applications: the **Bhopal gas tragedy settlement** secured a \$470 million payout; the **Ayodhya title dispute** was resolved through the “preponderance of probability” approach with five acres awarded to the Muslim side; and the Court ordered release of **A.G. Perarivalan** in the Rajiv Gandhi assassination case.
5. Its use is not confined to extraordinary constitutional disputes: an empirical study of cases from **1950–2023** found **1,579 references and 791 direct invocations** of Article 142, predominantly in civil matters.

The power is wide, but not legally unbounded

1. The Supreme Court itself has repeatedly recognised that Article 142 is “**one of the most powerful constitutional courts in the world**” and has attempted to restrain its own discretion so that “**complete justice**” does not become **unrestricted judicial power**.
2. In **Prem Chand Garg v. Excise Commissioner, Uttar Pradesh (1962)**, the Court held that an order under Article 142 must remain **consistent with fundamental rights**, while in **Supreme Court Bar Association v. Union of India (1998)** it clarified that Article 142 may **supplement statutory law by filling a gap**, but cannot **supplant or override an existing statutory scheme**.
3. The CJP-related order directly tests this boundary: thousands of FIRs across several States were clubbed without scrutiny as part of a negotiated settlement between the Centre and a protest group, raising concerns that **procedural and substantive criminal-law safeguards cannot be bypassed through a blanket judicial decree**.
4. The concern is therefore not about Article 142 itself, but about **how its discretion is exercised**—particularly when extraordinary equitable power begins to displace statutory procedures designed to protect competing rights and due process.
5. The controversy also exposes a deeper institutional question: when Article 142 operates across multiple cases and legal regimes, **judicial discretion must remain anchored in constitutional principles, statutory boundaries and reasoned adjudication**, rather than becoming a substitute for legislation.

The continuing debate: “Kamdhenu” power vs judicial restraint

1. Article 142 has faced criticism before: after the Court used the provision to deem long-pending **Tamil Nadu Bills** as assented to, Vice-President **Jagdeep Dhankhar** termed it a “**nuclear missile**” **against democratic institutions**, reflecting concerns over judicial encroachment into constitutionally assigned domains.
2. Former Attorney General **K.K. Venugopal** had earlier defended its social purpose, describing the provision as “**tremendous good**” **for deprived sections of society** and emphasising its role in building checks and balances; a subsequent judgment, however, described Article 142 as a “**Kamdhenu**” **from which unlimited powers flowed**, intensifying the debate over its outer limits.
3. The central constitutional tension is therefore between **equitable justice and separation of powers**: Article 142 enables the judiciary to prevent injustice where ordinary law is inadequate, but excessive use risks converting **judicial remedy into judicial legislation**.
4. A sustainable approach is **not to dilute Article 142**, but to strengthen self-restraint: extraordinary powers should remain tied to the facts of the case, respect statutory schemes and fundamental rights, and avoid **blanket judicial decrees** that effectively rewrite criminal or legislative processes.
5. Ultimately, Article 142 is most defensible when it acts as a **constitutional safety valve for “complete justice”**, not as an alternative source of law-making power.

38. Steady Gaze: ISRO’s EOS-05

Key facts

- **EOS-05 (Earth Observation Satellite)** is an **ISRO Earth-imaging satellite** designed to operate in a **geosynchronous orbit** — i.e. an orbit where the satellite takes about the same time to revolve around Earth as Earth takes to rotate once, allowing it to **keep watching the same broad region repeatedly**.
- It will operate at around **36,000 km above the Earth**. This high orbit gives EOS-05 a **wide field of view**, making it useful for observing large areas continuously/frequently rather than focusing on very small areas in extreme detail.
- Its sensors detect **different wavelengths of light reflected from the Earth’s surface**. Since vegetation, water, soil etc. reflect light differently, the satellite can distinguish **crops, forests, water bodies and other types of land cover**.



- **Its major advantage is frequent observation:** Low-orbit Earth-observation satellites generally fly much closer to Earth and can capture **more detailed images**, but they move over different parts of the planet and take time to return to the same location. EOS-05 sacrifices some fine detail for **frequent observation of the same large area**.
- EOS-05 was first placed by **GSLV-F17 into a transfer orbit**. Its onboard **thrusters** are then used to gradually raise and position it into its intended geosynchronous orbit.

Applications

1. **Disaster Management:** Frequent observation can track **floods, cyclones and forest fires**, enabling quicker assessment and response.
2. **Agriculture:** Monitoring **crop health, vegetation and land use**; satellite-based EO already supports crop inventory and production estimation in India.
3. **Water resources:** Monitoring **water bodies, surface changes and availability**, supporting water-resource planning.
4. **Forests & environment:** Tracking **forest cover, fires, vegetation and ecosystem changes**; useful for climate/environmental monitoring.
5. **Weather & climate:** Frequent observation of rapidly changing atmospheric/land-surface conditions can contribute to **forecasting and actionable information**.
6. **Strategic/security:** Persistent observation of a fixed region gives the satellite **strategic utility**, particularly where rapid changes need to be monitored.

ISRO describes EOS-05 as having applications ranging from “**security to weather**”, showing how modern Earth-observation satellites serve both **civilian governance and strategic requirements**.

39. Boggled down — U.S.–Iran conflict and the Strait of Hormuz

The collapse of the **June 17 MoU**, which sought to resolve the U.S.–Iran conflict through talks, has triggered renewed **tit-for-tat escalation**. The U.S. has shifted from military strikes towards **sanctions and tightening of the naval blockade**, while Iran has retaliated by targeting **U.S. military-linked vessels and oil tankers**, as well as U.S. bases in **Kuwait, Bahrain and Jordan**. At the centre of the confrontation is the **Strait of Hormuz**, where Iran’s ability to disrupt shipping has forced the U.S. to reroute some tankers through the Omani coast, highlighting the Strait’s importance as a **strategic maritime chokepoint** and the growing costs for the global economy.

The larger problem is that the U.S.–Israeli objective of **destroying Iran’s nuclear programme and bringing regime change** has not translated into a clear strategic victory. Iran, despite its economic weakness, has used an “**asymmetric**” strategy of retaliation and disruption to impose costs on the U.S. and push its military presence away from its immediate periphery. Washington therefore risks being trapped in a cycle where **greater economic pressure produces greater Iranian retaliation**, while the conflict itself continues to spiral. With neither military nor economic coercion delivering decisive results, the piece argues that the U.S. should **revive the MoU and return to negotiations** before escalation becomes uncontrollable.

40. Forest Rights Act, 2006 — Gram Sabha consent & forest clearance

1. **FRA, 2006** recognises forest rights of **Scheduled Tribes and Other Traditional Forest Dwellers**, with the **Ministry of Tribal Affairs (MoTA)** as the nodal ministry for its implementation.
2. MoTA has clarified that the **FRA itself has no provision requiring Gram Sabha consent for forest clearance/diversion of forest land for non-forest purposes**. However, government rules require the FRA-related processes to be completed before the competent authority can formally divert forest land.
3. The important distinction is between “**consent under FRA**” and the **Gram Sabha’s role in recognition of forest rights**. Thus, absence of an explicit consent clause does not mean that the rights-recognition process under FRA can be ignored.
4. **Gram Sabha NOC/consent has become a major practical bottleneck** in projects: a Parliamentary panel found that forest clearance for NHPC’s under-construction projects takes around **106 months on average**, with delays linked to obtaining consent from all concerned Gram Sabhas.
5. **Teesta-IV Hydroelectric Project** illustrates the problem: the project was reportedly stalled because consent remained pending from a small minority of Gram Sabhas, highlighting the tension between **local democratic participation and timely infrastructure development**.
6. The House panel recommended examining “**qualified majority consent**” of **70–75% of affected Gram Sabhas** for large hydropower projects of national importance, rather than allowing a small minority to indefinitely block them.
7. **Key concern:** Any streamlining must maintain the FRA’s objective of **protecting tribal and forest-dweller rights**; procedural reform should prevent indefinite delays without converting development priorities into a reason to dilute **community participation and statutory safeguards**.



- The issue highlights the need for **clearer inter-ministerial coordination + time-bound forest-rights procedures + meaningful Gram Sabha participation**, balancing **tribal rights, environmental governance and infrastructure development**.

41. Does inflation targeting work in India?

Inflation targeting and the Phillips Curve

- India has completed a decade of **Inflation Targeting (IT)** under RBI's monetary framework, targeting **CPI inflation at 4% ± 2%**, mainly through interest-rate management.
- The **New Keynesian Phillips Curve (NKPC)** assumes an **inflation–output/employment trade-off**: tighter demand reduces inflation but can lower output and employment.
- A key channel is **inflation expectations**: higher expected inflation → higher wage/price demands → higher costs and prices; hence, **anchoring expectations** should reduce inflation with lower output costs.
- If expectations are well anchored, monetary policy can achieve **disinflation without a proportionate loss of output**, making inflation control less painful.

What does Indian evidence show?

- India's **Phillips Curve is largely flat**: analysis of industrial output and CPI inflation for **April 2012–March 2026** finds little systematic inflation–output relationship.
- A **flat Phillips Curve** implies that suppressing output/employment may produce **little additional reduction in inflation**—India could bear the cost without equivalent disinflation.
- RBI household surveys show **inflation expectations consistently above RBI projections**, by around **2 percentage points on average**, questioning how firmly expectations are anchored.
- The gap between **household expected inflation and actual CPI inflation** also remains significant, suggesting expectations may not adjust as neatly as the NKPC assumes.
- India's labour market is structurally different: nearly **90% of workers are informal**, with limited bargaining power and often acting as **“price takers”**, weakening the wage–inflation mechanism assumed by the Phillips Curve.
- The flat relationship persists across **different empirical specifications and methodologies**, suggesting it is not simply a result of one model or dataset.

Implications for India's inflation-targeting framework

- The concern is not IT per se, but whether its **underlying macroeconomic assumptions fit India's structural realities**; a weak Phillips Curve can make monetary tightening unnecessarily costly.
- If inflation is relatively insensitive to output, **“sacrificing output to control inflation”** becomes questionable: higher interest rates may reduce employment and activity without a proportionate fall in prices.
- Persistently elevated household expectations indicate that **expectation management has not worked as cleanly as theory predicts**, weakening a major IT transmission channel.
- This strengthens the case for addressing **supply-side and structural inflation drivers**, which cannot be fully controlled through interest rates alone.
- India's large **informal workforce and weak wage-bargaining structure** mean that standard advanced-economy models may not adequately capture Indian inflation dynamics.
- The debate is therefore not simply **“inflation targeting vs no inflation targeting”**, but how far the framework should be calibrated to India's **inflation dynamics, expectations, labour market and output-employment trade-offs**.

42. Sun's surface: Newly observed plasma whirlpools

What has been observed?

- Daniel K. Inouye Solar Telescope (DKIST)**, Hawaii, has captured the **highest-resolution images of the Sun's surface**, revealing previously unseen **small, violent plasma whirlpools** at the edges of solar convection cells.
- The Sun's visible surface, the **photosphere**, is a turbulent layer of superheated plasma containing **solar granules (~2,000 km wide)** formed by convection.
- Earlier telescopes showed the granules' edges as blurred; DKIST's **4-metre mirror** and advanced imaging resolved structures as small as **19 km**, settling the long-standing question of whether these edges were actually **frayed**.
- The newly observed vortices are **tiny plasma coils** that twist, interact, merge and break apart rapidly, revealing solar dynamics at an unprecedented small scale.

Why are these whirlpools important?

- The vortices form where **adjacent plasma flows move at different speeds** and carry their own **small-scale magnetic fields**; observations showed some vortices growing **2.7 times in just 18 seconds**.



2. They may help **transport and concentrate magnetic flux**, providing a mechanism through which energy stored in magnetic fields can contribute to **solar flares and eruptions**.
3. **MHD simulations** confirmed the observations and suggested that these whirlpools occur around **100–400 km below the photosphere**, offering new insight into the interface between **solar convection and magnetic fields**.
4. The discovery could therefore improve understanding of how **energy and magnetic fields move through the Sun's atmosphere**, and ultimately contribute to better understanding of **space weather** generated by solar activity.

43 . Moscow–Kyiv to Delhi: Connect the dots

India's diplomatic opportunity in the Russia–Ukraine conflict

1. India has intensified **high-level diplomacy with both Moscow and Kyiv**—Jaishankar's engagement with Putin, Modi's talks with Putin at the SCO, and Modi's Kyiv visit—reflecting India's **strategic autonomy and balanced outreach**.
2. With the **U.S. also pursuing contacts with Moscow** while continuing support to Ukraine, India now has an opportunity to use its **access to both sides** to push harder for a **negotiated settlement**, especially as U.S. attention is divided between Ukraine and West Asia.
3. India should leverage the upcoming **BRICS Summit**, with Putin and Xi Jinping expected to attend, to build a **collective call for confidence-building and de-escalation measures**.

Why the conflict remains difficult to resolve?

1. **Neither Russia nor Ukraine appears ready to back down**: Russia has intensified **drone and missile strikes**, while Ukraine continues attacks on Russian energy infrastructure, keeping the conflict in an escalation cycle.
2. The U.S.–Russia strategic confrontation continues despite diplomatic contacts: Washington provides Ukraine with **intelligence for strikes inside Russia**, while Russia provides similar support to **Iran**, showing that the conflict is embedded in a wider geopolitical contest.
3. The economic spillovers are widening: disruption of Russian energy supplies has affected **India's access to Russian petroleum**, while European restrictions on Russian fuel and suspected sabotage incidents are increasing **energy insecurity and geopolitical tensions**.

India's role: from balancing to facilitating peace

1. India should use its **unique diplomatic credibility with Moscow and Kyiv** to bring both sides back to negotiations, rather than limiting itself to calls for peace.
2. An immediate priority should be establishing a **ceasefire framework** around practical confidence-building measures, particularly protection of **energy and civilian infrastructure**.
3. Restoring **commercial shipping lanes in the Black Sea** could serve as an early confidence-building step, simultaneously reducing humanitarian and economic costs.
4. India's approach should combine **diplomatic engagement + confidence-building + protection of energy and trade interests**, allowing New Delhi to contribute to peace while safeguarding its own strategic autonomy.

44. Claude's "thought process" & the AI consciousness debate

J-space: a window into the "black box" of LLMs

1. Anthropic's study of **Claude Sonnet 4.5** identified "**J-space**"—a collection of internal neural patterns associated with words/concepts—which appears to help the model **recognise patterns and approximate working memory**.
2. These patterns are **not deliberately programmed by developers**; they emerged within the model's internal processing, showing that LLMs can develop complex **latent representations** beyond what is visible in their final responses.
3. In an experiment, Claude was asked to count to five and "**introspect deeply**"; researchers observed internal representations corresponding to "**countdown**" and "**halfway**" even though these did not appear in its final output—suggesting an "**internal monologue**"-like **computational process**.
4. Such findings are important because they shift AI research from studying only **observable outputs** towards understanding the **internal mechanisms through which LLMs reason and generate responses**.

Internal processing ≠ consciousness

1. The discovery **does not establish AI consciousness**: researchers found no evidence that Claude possesses **subjective experience, feelings or awareness**; J-space demonstrates computation, not sentience.
2. This distinction is crucial because human consciousness involves "**what it feels like**" to experience something, whereas an AI's internal representations may simply be sophisticated information processing without any subjective experience.
3. The study nevertheless strengthens the debate because AI systems increasingly display **reasoning, planning and internally mediated processing**, raising the question of whether increasingly complex computation could ever produce consciousness.
4. Researchers remain cautious: **Anil Seth** argues that consciousness is still far from established in AI, while **Geoffrey Hinton's** broader view that AI may develop subjective experiences keeps the philosophical and scientific debate open.



Significance: from AI capability to AI interpretability

1. **J-space can provide a “coordinate system” for studying LLM internals**, potentially helping researchers understand how concepts, memories and reasoning processes are represented inside neural networks.
2. This has direct relevance for **AI safety and interpretability**: understanding hidden reasoning could help detect unexpected behaviour, identify failure modes and make increasingly autonomous AI systems more controllable.
3. The research also highlights a wider **human–machine cognition debate**: sophisticated reasoning need not imply consciousness, but understanding the boundary between **unconscious information processing and conscious cognition** is becoming increasingly important.
4. The J-space finding is significant less because it proves “AI thinks like humans” and more because it offers a new route to **demystifying the LLM black box**, while showing that **complex internal processing alone cannot be equated with consciousness**.

45 . Rajghat Excavations, Varanasi

- **Rajghat** is an ancient archaeological site in **eastern Varanasi**, identified with the **capital of Kashi Janapada**; the **Ganga–Varuna region** contributed to its development as an important settlement.
- **Settlement dates to ~800 BCE**, placing Rajghat in the **early Iron Age / second urbanisation phase** of the Ganga plains, when iron technology, agriculture and expanding settlements supported the rise of **mahajanapadas and urban centres**.
- Excavations by **ASI in 1957**, followed by work in the **1960s–70s**, revealed **four cultural phases**. The lowest layers contain **pre-Northern Black Polished Ware (pre-NBPW)** pottery, providing evidence for an early settlement preceding the mature urban phase.
- **Northern Black Polished Ware (NBPW)** is an important archaeological marker of the **c. 7th–2nd century BCE** and is associated with the emergence of **early towns, expanding trade and mahajanapada-era urbanisation** in the Ganga valley.
- Finds include **pottery, seals and sealings, punch-marked coins, Roman coins, ivory objects and terracotta figurines**. **Greek inscriptions and Roman coins** are particularly significant as evidence of **long-distance commercial/cultural contacts**.
- A **Gupta-period storage jar** among the recovered material indicates that Rajghat remained an important settlement even in later periods, showing **cultural continuity and successive occupation**.
- **Human remains**, including a skeleton recovered during earlier excavations, provide scope for reconstructing aspects of the **population, health and lifestyle** of ancient Varanasi.

46 . India–Belgium: “Natural Partners”

Growing economic partnership

1. **India–Belgium ties** are expanding beyond traditional trade towards **economic, defence, technology and strategic cooperation**, despite Belgium being a relatively smaller partner for India.
2. The key development is the proposed **India–EU Free Trade Agreement (FTA)**, expected to be signed in December; India–Belgium bilateral trade is around **\$13 billion**, with about **one-third linked to the diamond industry**.
3. **Antwerp** is a global hub for **diamond trading**, while **Mumbai and Surat** are major centres of diamond cutting and polishing—creating a natural India–Belgium economic linkage.
4. Both sides aim to diversify cooperation into **renewable energy and food processing**, with a target to **double bilateral trade within five years**.

Defence & technology: emerging strategic convergence

1. Belgium’s **high-tech defence industry**—including **small arms, ammunition and naval defence**—offers scope for greater integration with the Indian defence market as India diversifies procurement beyond traditional global suppliers.
2. India and Belgium agreed on a **MoU for co-development of military hardware** and signed a **Letter of Intent on defence cooperation**, including plans for a **resident defence attaché in Brussels**.
3. Cooperation in **defence technology and co-development** fits India’s broader push for **defence indigenisation and strategic autonomy**, while offering Belgium access to India’s growing defence market.

Strategic significance: Europe, China and Russia

1. The relationship is increasingly **geopolitical**, with Belgium and wider Europe recognising India’s “**wariness**” of **strategic autonomy from global powers** and its dependence on trade/industrial production, particularly concerning **China**.
2. Modi’s emphasis on **democratic values, market economy and “people-to-people ties”** provides a foundation for calling India and Belgium “**natural partners**” despite their different geopolitical positions.
3. Belgium’s engagement comes amid India’s wider **European outreach**, while its ties with Russia remain important; the simultaneous engagement with Belgium and upcoming **Putin–Modi** interaction demonstrates India’s **strategic autonomy and multi-alignment**.



4. India–Belgium ties illustrate India’s effort to build **diversified European partnerships** across trade, critical technologies and defence while maintaining **strategic autonomy** amid the Russia–Ukraine conflict and wider great-power competition.

47. Ground Control — ISRO and space technology as a tool for development

ISRO’s changing role: from state-led programme to wider space ecosystem

1. **Indian Space Policy, 2023** envisages a clearer division of roles: ISRO should focus on **advanced/exploratory missions**, while commercial satellite and launch activities increasingly move towards private players.
2. **IN-SPACe** is intended to facilitate private participation; ISRO has clarified that it will **“not be privatised or reduced”**, but the expanding industry role raises concerns over **staff strength, outsourcing and possible job losses**.
3. India already has a long history of **public–private collaboration in space manufacturing**, with firms such as **L&T and Walchandnagar Industries** contributing to the space programme; the newer shift is towards **start-ups, private capital and commercial space services**.

Space technology must deliver developmental value

1. The central question is whether India’s space programme becomes primarily a **“source of power”** or remains a **“tool for social development”**—generating **jobs, skilled employment and export earnings** through space-based services.
2. Despite a relatively modest budget of about **\$2.44 billion for the Department of Space**, India has built substantial capabilities, showing the strength of a **cost-effective, application-oriented space programme**.
3. ISRO’s traditional advantage has been its close linkage with **developmental applications and manufacturing**, rather than merely competing in a global **“space race”**; this orientation should remain central even as India expands exploration.
4. The major opportunity is to move up the value chain from satellites and launchers to **value-added satellite-data services**, creating an ecosystem around applications in **agriculture, disaster management, navigation and resource management**.

Balancing space ambition, strategic competition and development

1. India cannot ignore **space as a strategic domain**, particularly with the rapid expansion of **China’s space programme**; however, strategic ambition should generate wider technological and economic spillovers rather than become prestige-driven.
2. The future ecosystem should combine **ISRO’s strategic and high-end capabilities with private-sector innovation, capital and commercialisation**, ensuring that public institutions remain strong while new entrants expand the market.
3. India needs a **transparent long-term roadmap** defining the respective roles of ISRO, IN-SPACe and industry, so that commercialisation does not dilute institutional capability and exploration remains aligned with national priorities.
4. The emphasis should be on **“space technology as a tool for development”**—converting India’s technological capabilities into **export earnings, employment, skilled-labour absorption and public-service delivery**, while maintaining strategic autonomy.

48. India’s opportunity to put BRICS back together

BRICS: from reform platform to internal contradictions

1. BRICS was originally conceived as a **Global South voice** seeking reform of global financial and economic institutions and a more **equitable multilateral order**; India initially saw it as a vehicle for **genuine reform of multilateral institutions**.
2. India’s 2012 BRICS Summit in New Delhi, themed **“Global Stability, Security and Prosperity”**, reflected this broader geopolitical purpose, alongside initiatives such as the **New Development Bank** and counter-terrorism cooperation.
3. China, however, increasingly viewed BRICS as a **counterweight to Western dominance**, using **BRICS-Plus and BRICS Outreach** to expand its influence and build a potential **second pole in a future bipolar world**.
4. Expansion has made cohesion harder: BRICS has grown to **11 members**, bringing countries with divergent interests and bilateral conflicts into the grouping; new members have already begun **fighting among themselves**.
5. The principle of **consensus** is also under strain, with non-consensual documents raising the risk that BRICS may cease to function as an effective grouping.

India’s central dilemma: “non-West” vs “anti-West”

1. India has sought to preserve BRICS as a **“non-West” group rather than an anti-West bloc**, since an explicitly anti-West orientation would conflict with India’s **multi-alignment** and diverse strategic partnerships.
2. This becomes difficult amid **Russia–Ukraine, U.S.–Iran and U.S.–China tensions**, which are pulling BRICS members in different directions; India therefore needs to prevent their bilateral conflicts from paralysing the grouping.
3. India also faces the challenge of **China’s disproportionate influence within BRICS** and its broader push for alternative global structures, institutions and standards in areas such as **AI, digital governance, data, 5G/6G, telecom and satellite navigation**.
4. Even the push for **de-dollarisation/BRICS currency** has met limited enthusiasm because several members are uncomfortable with a **renminbi-dominated system** and prefer alternatives such as national-currency transactions and interconnected payment systems.



Delhi Summit: opportunity to restore BRICS's original purpose

1. The **2026 Delhi Summit** offers India an opportunity to revive BRICS's "**original raison d'être**"—a platform for **reform and stability**, rather than allowing it to become an instrument of geopolitical confrontation.
2. India should use its diplomatic space to **bridge differences among the expanded membership**, preserve **consensus-based functioning**, and prevent bilateral disputes from weakening the grouping.

49. India can cut steel emissions before coal plants lock them in

India's **steel sector is a hard-to-abate industry**, with steelmaking emissions around **12% higher than the global average** and accounting for nearly **12% of India's total GHG emissions**. At the same time, steel demand is rising rapidly with infrastructure, construction and manufacturing. The government's **National Mission on Green Steel** aims to reduce the sector's carbon intensity, but the bigger concern is **carbon lock-in**: new coal-based plants can operate for decades, making early choices on technology crucial for India's future emissions trajectory.

The key opportunity is to shift away from the conventional **coal-intensive blast-furnace route** towards cleaner technologies. Greater use of **electric arc furnaces (EAFs)** and scrap can lower emissions, while **green hydrogen-based steelmaking** offers a longer-term pathway for primary steel production. However, India faces constraints such as **limited scrap availability, high cost of green hydrogen and the "green premium"** on low-carbon steel. The study highlighted argues that making these shifts **early**, while India's steel capacity is still expanding, can deliver much larger emissions reductions than trying to retrofit or replace coal-based capacity later.

The transition therefore requires **policy support and credible market demand**, not technology alone. India has begun supporting **green-hydrogen steel pilots**, while the EU's **Carbon Border Adjustment Mechanism (CBAM)** creates pressure on Indian steel exporters to reduce embedded emissions. At the same time, clear **definitions and certification of "green steel"** are necessary to prevent greenwashing. The central message is that India has a narrow **"window of opportunity"**: if new steel capacity is built around cleaner pathways now, the country can reconcile its growing steel demand with **climate goals**, instead of locking itself into high-emission infrastructure for decades.

50. Falling Edifice

Education hub facing an infrastructure deficit

1. Delhi's ambition to become a "**national education hub**" is being undermined by **hazardous development and inadequate affordable student housing**.
2. With **70,000+ students entering Delhi University annually** and nearly half requiring budget accommodation, demand has outpaced supply, pushing students towards **unregulated PGs and private hostels**.
3. The resulting **cramped accommodation, illegal construction, poor ventilation and violations of fire-safety norms** turn the housing shortage into a wider issue of **student safety, security and sanitation**.
4. Thus, inadequate civic infrastructure is creating an **access-quality paradox**: expanding educational opportunities without ensuring safe living conditions for students.

From reactive action to systemic urban governance

1. The building collapse exposes **weak enforcement of building bylaws and safety regulations**, where commercial demand has encouraged unsafe conversion of residential buildings into student accommodation.
2. The Delhi government's proposed **periodic structural audits and safety certification** for buildings used for public activity is a step towards **preventive regulation**, rather than action only after accidents.
3. However, the **2024 coaching-centre basement tragedy** shows the limits of reactive measures such as sealing buildings and initiating legal action; the larger challenge remains **systemic regulatory enforcement**.
4. The Centre, Delhi Government and educational institutions need coordinated planning for **residential, travel and learning facilities**, treating student accommodation as part of the city's **education infrastructure**, not merely a private-market service.

Making Delhi's education ecosystem safe and sustainable

1. **Four-year undergraduate programmes** will increase the duration of student stay and consequently put additional pressure on already inadequate accommodation.
2. **Private hostels can be part of the solution**, but only within a framework of **strict building standards, safety audits, ventilation, fire safety and enforcement against illegal construction**.
3. Delhi needs to move from "**reactive measures**" to **durable solutions** through integrated **education-housing-urban planning**, with adequate affordable accommodation near educational clusters.
4. Delhi cannot harness the "**soft power of its youth**" or become a national education hub unless **educational expansion is matched by safe, affordable and adequately regulated civic infrastructure**.



51. Perilous retreat — Gram Sabha rights over tribal land

Diluting Gram Sabha consent can weaken tribal self-governance

1. The proposal for “**qualified majority consent**” of 70–75% of affected Gram Sabhas may appear to reduce project delays, but risks weakening Gram Sabhas as **democratic bodies protecting the constitutional rights of specific tribal communities**.
2. If consent from only “most” Gram Sabhas is enough, a project developer could potentially **bypass a directly affected village** by securing No-Objection Certificates from less-affected villages—undermining the principle of **community consent**.
3. This becomes more serious where demographic changes can alter who qualifies as a **community member**, making it easier to divide a Gram Sabha and **engineer consent**.
4. The **FRA, 2006 does not explicitly contain a clause requiring an NOC from every affected Gram Sabha for diversion of forest land**, but this does **not mean Gram Sabha decisions can legally be bypassed**; the absence of an explicit provision cannot itself become a licence to dilute community rights.

Regulatory ambiguity risks weakening the strongest legal protection

1. The **Tribal Affairs Ministry’s refusal to claim jurisdiction** over the issue creates a “**dangerous regulatory vacuum**”, potentially allowing the Centre and States to rewrite the rules governing diversion of forest land without adequate institutional accountability.
2. Treating the issue as a mere technical distinction between **FRA provisions and Environment Ministry rules** risks becoming a “**bureaucratic manoeuvre**” that strips forest-dependent communities of their most important legal instrument.
3. If the government believes consent requirements need to change, the appropriate route is to **openly amend the relevant rules or legislation**, rather than dilute protections through administrative interpretation.
4. The contradiction is significant: while the State has previously recognised the FRA as correcting “**historical injustices**” against forest-dependent communities, weakening community control over land could recreate the very **displacement and dispossession** the law sought to address.

Development must coexist with community ownership

1. The push for energy infrastructure, including the long-stalled **Teesta-IV project**, reflects legitimate **macroeconomic and energy-security objectives**, but development cannot be pursued by weakening the rights of communities whose **livelihoods, culture, identity and political autonomy are rooted in land**.
2. Tribal communities also contribute to **national development and India’s climate commitments** through their stewardship of forests and natural resources; their participation should therefore be treated as a **developmental asset**, not merely a clearance hurdle.
3. The way forward is to strengthen **Gram Sabha powers under the FRA and PESA**, alongside safeguards under the **Land Acquisition, Rehabilitation and Resettlement framework**, so that development remains participatory rather than dispossessive.

52. Moon’s far side: a window into the early Universe

The **Moon’s far side** provides a uniquely **radio-quiet environment**, shielded from Earth’s radio interference, making it suitable for detecting extremely faint cosmic signals. **CosmoCube**, a proposed compact lunar-orbiting satellite, aims to exploit this advantage to detect the **21-cm signal of neutral hydrogen**, which is buried beneath foreground radio emissions thousands of times stronger. The importance of the mission lies in accessing cosmic information that is extremely difficult to obtain through Earth-based radio observations.

The **21-cm hydrogen signal** can act as a window into the **Cosmic Dark Ages**, the period after the Big Bang when the Universe was largely filled with neutral hydrogen and existed before the formation of the first stars and galaxies. As the first stars and galaxies emerged, their radiation ionised the surrounding hydrogen, triggering the **Epoch of Reionisation**. Detecting this signal can therefore help reconstruct the transition from a **dark, neutral Universe to an illuminated and structured Universe**, improving our understanding of the formation of the first cosmic structures.

Beyond studying the early Universe, the observations could provide an **independent test of the Hubble tension**—the mismatch between different measurements of the Universe’s expansion—and examine claims of an **additional radio background**, potentially offering clues to new physics. The effort also highlights the growing importance of the **lunar environment for precision astronomy**, with India’s **PRATUSH (Probing Reionization of the Universe using Signal from Hydrogen)** pursuing a related objective. Thus the Moon’s radio silence + the 21-cm hydrogen signal could open a new observational window into the **Dark Ages, first stars and reionisation**, while testing unresolved questions in cosmology.



53. A possible G3 casting a shadow over BRICS

BRICS: expanding membership, shrinking coherence

1. BRICS was conceived as a platform for **cooperation among emerging economies** and a voice for a more **equitable multilateral order**, but its expansion has made internal consensus increasingly difficult.
2. The latest BRICS meeting in **Rio de Janeiro** produced a declaration of **126 paragraphs**, but the Delhi Foreign Ministers' meeting could not issue a joint statement because of differences among members—showing the gap between **institutional expansion and political cohesion**.
3. The problem is particularly visible in the **Iran–UAE/Saudi Arabia divide**: Iran seeks BRICS support against U.S.–Israeli military action, while Gulf members have their own security calculations, making common positions difficult.
4. Grouping has a broader danger of **“bypassing the sacred principle of consensus”**; without consensus, BRICS risks becoming a loose aggregation rather than an effective instrument of collective diplomacy.
5. China has pushed strongly for **BRICS expansion**, first through the New Development Bank and then by expanding membership; with the addition of **Egypt, Ethiopia, Iran, Saudi Arabia, UAE and Indonesia**, the challenge is now to convert greater representativeness into **greater cohesion**.

The emerging “G3” and India’s strategic dilemma

1. A possible **U.S.–China–Russia “G3”** could overshadow BRICS by concentrating global strategic decision-making among the three major powers, echoing historical models of **great-power concert**.
2. The possibility is strengthened by changing U.S.–China–Russia dynamics: despite serious differences, **Russia and China both seek workable relations with Washington**, while the U.S. is simultaneously engaging Moscow and Beijing.
3. Trump’s diplomacy towards **Putin and Xi**, including the possibility of a three-way summit, could therefore create a **triangular great-power arrangement** that sidelines broader platforms such as BRICS.
4. For India, this raises greater anxiety than a G2 because a G3 could leave New Delhi **outside the core strategic decision-making circle**, despite India’s growing economic and geopolitical weight.
5. At the same time, India should not interpret BRICS as an **anti-American bloc**: Russia and China themselves use BRICS while maintaining freedom to negotiate with Washington.
6. The challenge is therefore to prevent BRICS from being reduced either to a **China-led anti-Western platform** or to an ineffective grouping, while retaining its utility for **multipolarity and Global South representation**.

What India should do: strengthen BRICS without turning it into a bloc?

1. The **Delhi Summit** provides India an opportunity to restore BRICS’s **“original purpose”**—reform of global governance and greater voice for the Global South—rather than allowing it to become consumed by great-power rivalry.
2. India should focus first on **internal reform and accelerated economic development**, strengthening the economic foundations that give BRICS genuine collective weight rather than merely expanding membership.
3. India must use its position to **bridge differences among members** and preserve consensus, while ensuring that bilateral conflicts do not paralyse the grouping.
4. BRICS should remain a platform for **multipolarity**, not an **anti-Western bloc**; India should cooperate with Moscow and Beijing within BRICS while simultaneously maintaining engagement with Washington and other partners.
5. India must look for intensified **bilateral and minilateral cooperation with the Anglosphere, Europe, Japan, Korea, Brazil and other middle powers** that are not enthusiastic about a G3, thereby widening strategic options beyond BRICS.

54. Appointment of Judges: India and South Africa

India’s collegium system: independence vs transparency

1. The recent Supreme Court controversy over a **High Court judge’s elevation** again highlights the tension between **judicial independence and transparency/accountability** in India’s **collegium system**.
2. The **collegium**—senior judges recommending appointments and transfers—was developed through the **Second and Third Judges Cases**, with the judiciary retaining primacy to protect judicial independence from executive interference.
3. However, the system faces criticism over **opacity, limited public reasoning and questions over representativeness**; therefore, the debate is not merely who appoints judges, but **how transparent and accountable the appointment process should be**.
4. The **NJAC episode** reflects this tension: Parliament’s attempt to create a broader appointments mechanism was struck down by the Supreme Court, which treated **judicial independence as part of the basic structure**.

South Africa: a more participatory appointment model

1. South Africa follows a significantly different model: judges are appointed through the **Judicial Service Commission (JSC)**, which includes judges, the Justice Minister, practising lawyers, academics and **political-party representatives**—making the process more institutionally diverse.



2. Vacancies are **publicly advertised**, candidates are interviewed publicly, and the proceedings are **broadcast**, creating a higher degree of **public scrutiny and transparency** than India's largely closed-door collegium deliberations.
3. The process attempts to balance **judicial independence with democratic legitimacy**: political representation is present, but appointments are structured through a multi-stakeholder constitutional body rather than direct executive control.
4. The South African experience also recognises that **transparency itself is a safeguard**: public interviews and disclosure can make candidates accountable to professional standards while reducing the scope for opaque decision-making.

Lessons for India: transparency without compromising judicial independence

1. The key lesson is not to mechanically transplant the South African model, since India's constitutional experience places particular emphasis on **judicial independence from executive dominance**.
2. India can nevertheless strengthen the collegium through **greater transparency in selection criteria, reasons for recommendations, diversity considerations and structured disclosure**, without compromising the confidentiality necessary for sensitive evaluations.
3. The broader constitutional challenge is to ensure that judicial appointments enjoy both **institutional autonomy and public legitimacy**—a transparent process can strengthen, rather than weaken, judicial independence.

55. Nepal's compensation demand after devastating floods

Climate change and Nepal's vulnerability

1. Nepal's catastrophic **flash floods**, with **1,000+ deaths and thousands still missing**, have highlighted the vulnerability of the Himalayan region, where rapid **glacier melt** is adding to climate-related risks.
2. The **Himalayas, the "third pole"**, are particularly exposed to climate change; the article links the growing frequency and severity of such disasters to **global warming and glacier-related changes**.
3. The issue has a strong **climate-justice dimension**: the U.S. accounts for about **25% of cumulative emissions, China 20%, Europe 15% and India under 4%**, while Nepal's per-capita emissions are only around **2 tonnes**, against a global average of **4.5 tonnes**.
4. Nepal therefore argues that countries with **greater historical responsibility for emissions** should bear a larger share of the costs faced by climate-vulnerable countries.

From "aid" to Loss and Damage

1. Nepal has sought **"compensation" rather than conventional aid**, arguing that climate-induced disasters raise questions of **historical responsibility, legal liability and moral responsibility**.
2. The **UN Loss and Damage Fund**, established in **2022**, is intended to support vulnerable countries facing economic losses from extreme climate events; around **\$822 million has been pledged**, of which about **\$350 million is allocated for disbursement**.
3. Nepal's experience highlights the gap between **climate-finance commitments and actual funding available**, particularly for post-disaster **rehabilitation and reconstruction**.

India, China and the regional dimension

1. Nepal has identified **India and China** among the major regional emitters whose responsibility should be considered, but the issue is sensitive given India's relatively low contribution to global emissions.
2. India and China nevertheless assisted Nepal after the floods, and Nepal subsequently shifted emphasis from direct attribution towards **"working together"**, creating scope for cooperation rather than confrontation.

56. Disaster preparedness must put communities at the centre

Why a community-centric approach?

1. Nepal's catastrophe is **"not merely a national disaster but a warning for the Himalayas"**: warming is altering **glaciers, snowpack, permafrost and water flows**, creating cascading downstream risks.
2. Field experiences **reveal** a **"long relational disaster"**—loss of lives, homes, livelihoods and prolonged institutional frustration; hence, communities are **"knowledge holders and leaders"**, **not merely victims**.
3. Preparedness must therefore go beyond hazard detection: **warnings must reach people in time**, in trusted forms, with communities having the **authority and resources to act**.

Priorities for mountain disaster preparedness

1. **Transboundary cooperation**: Glacier, river and flood risks cross borders; **Nepal, India, China, Bhutan and other Himalayan countries** need faster sharing of upstream observations, satellite data, river conditions and warnings as **"life-saving regional infrastructure"**.
2. **Community-centred early warning**: Sensors and models must be complemented by **local information centres, tested warnings and trusted communication**, with **women, elders, youth and marginalised groups** involved in decisions.



3. **Permanent public responsibility:** Evacuation plans, shelters, community response teams, rescue equipment and **health-system continuity** require sustained institutional investment.
4. **Ecosystem-sensitive development:** Roads, tourism, hydropower and mining can bring benefits, but **“poorly planned development can amplify exposure”** in fragile mountain ecosystems.
5. **Climate justice:** Despite its tiny contribution to historical emissions, Nepal faces severe cryosphere-related risks; therefore **climate finance, Loss and Damage support and locally controlled adaptation** are **“matters of justice, not charity.”**

57. Dangerous phase — Iran war and regional escalation

The Iran conflict has entered a **more dangerous phase**, with the U.S. striking five Iranian oil tankers after alleged Iranian attacks on U.S. warships, followed by Iran’s **ballistic-missile attack on the Muwafaq Salti U.S. airbase in Jordan**. Tehran has also declared a **restricted zone in the Strait of Hormuz**, warning commercial ships against crossing without American naval escort. Simultaneously, the **Houthis**, aligned with Iran, attacked Saudi Arabia, while Riyadh has blockaded parts of the Red Sea coast and intensified operations against Houthi-held areas. With **Hormuz linking the Persian Gulf to the Gulf of Oman and the Red Sea connecting these waters to Europe and Asia**, simultaneous disruption threatens to turn the conflict into a wider **regional economic and security crisis**.

The present phase is particularly dangerous because Washington is combining **military strikes with economic strangulation** rather than using them separately to pressure Iran into concessions. The U.S. naval blockade has restricted Iran’s oil exports, while maritime pressure has limited the number of ships able to move through Hormuz; however, **maximum pressure has not produced Iranian capitulation**. Instead, Tehran has escalated by attacking American warships, apparently **calculating** that it has a **“window of opportunity”** while the U.S. faces domestic political constraints and President Trump may be **politically weaker** at home. The conflict is therefore developing into a **cycle of escalation**—U.S. military/economic pressure → Iranian **retaliation** → stronger U.S. response.

The most worrying indication is that Iran may be **rebuilding strike capabilities** that Washington had claimed were destroyed, while neither side appears ready to step back. Attacks on U.S. bases, Iran’s willingness to target American vessels and continuing insecurity around Hormuz suggest that the conflict could enter an even more dangerous phase. The consequences extend beyond West Asia because disruption of **Hormuz and the Red Sea threatens global energy supplies, shipping and prices**. Thus, the central danger is the convergence of **military escalation + economic coercion + maritime chokepoint disruption + regional actors**, potentially transforming the Iran war into a crisis with **global economic implications**.

58. Ray of hope — Judicial check on arbitrary arrests

High Court’s intervention against preventive-detention misuse

1. The Allahabad High Court’s quashing of Aakriti Chaudhary’s **NSA detention** reaffirms that **preventive detention is an exceptional power**, not a substitute for ordinary criminal procedure; the Court called it an **“abuse of the draconian preventive detention law.”**
2. The finding that the District Magistrate acted **“without application of mind”** and relied on a **“concocted story”** highlights the danger of **mechanical executive action** in matters affecting personal liberty.
3. The Court’s description of the administration’s conduct as **“despotic”** and its warning against an **“Orwellian dystopia”** underline that unchecked coercive power can weaken the **rule of law and democratic accountability**.
4. The **₹5 lakh compensation**, is significant beyond the individual case: it introduces **personal accountability for misuse of administrative power**, strengthening deterrence against arbitrary detention.

Criminalisation of dissent and unequal access to justice

1. The case arose from workers’ protests demanding **wage hikes and parity with neighbouring Haryana**, showing how legitimate socio-economic grievances can become vulnerable to **over-policing and criminalisation of dissent**.
2. The police claim of **“strong electronic and video graphic evidence”** was found to be materially unreliable; the Court also noted that Chaudhary was already in police custody when the alleged violence occurred—raising concerns over **evidence-based policing and due process**.
3. Although the NSA detention was quashed, she still faces an FIR and **11 other cases**, demonstrating how repeated criminal proceedings can themselves become a form of **institutional pressure on activists**.
4. The piece also highlights an **access-to-justice deficit**: Chaudhary benefited from legal support and media attention, whereas many similarly placed workers lack such visibility and remain trapped in **miserable conditions shaped by oppressive business practices and State policies favouring capital owners**.

Democratic dissent requires constitutional protection

1. The larger principle is that **law-and-order mechanisms cannot become instruments to silence legitimate protest**; allegations of violence must be established through credible evidence and **due process**, rather than preventive detention being used reflexively.



2. The episode demonstrates the importance of **judicial review as a constitutional check on executive excess**, particularly where administrative discretion directly affects **personal liberty and freedom of expression**.
3. At the same time, the judiciary's intervention must be complemented by **better administrative scrutiny, reasoned detention orders and accountability of officials**, so that courts are not required to repeatedly correct preventable executive excesses.

59. Turning economic cooperation into shared prosperity

BRICS: converting diversity into economic complementarity

1. BRICS's strength lies in its **diversity of economic structures, resources and capabilities**—from producers and consumers to energy exporters and manufacturing centres—creating scope for **economic complementarity**.
2. The UAE's approach is that BRICS should translate this diversity into **"tangible opportunities"**: easier trade, stronger investment, resilient supply chains and better connectivity for businesses and people.
3. In an increasingly uncertain global economy marked by **trade restrictions and supply-chain disruptions**, the priority should be to make global economic integration **more resilient and inclusive**, rather than retreat from it.
4. **Development finance** supports this objective: the **New Development Bank (NDB)** has approved more than **\$40 billion** in financing since its establishment for infrastructure and sustainable development.

UAE-India: a model of practical economic connectivity

1. The **India-UAE CEPA** demonstrates how economic complementarity can generate concrete outcomes: **non-oil bilateral trade grew 17% in 2025 to over \$76 billion**, with a shared ambition of **\$200 billion by 2032**.
2. The relationship extends beyond trade into **investment, innovation, education and tourism**, creating lasting connections among **businesses, institutions and people**.
3. The UAE's economic model is built around connectivity: **non-oil sectors accounted for nearly 79% of GDP in 2025**, supported by infrastructure, financial institutions, logistics and an open investment environment.
4. Its **ports, airports and logistics networks** connect Asia, Africa and Europe, while financial centres, universities and research institutions connect **capital, knowledge, technology and talent**.
5. Thus, connectivity is not simply about **moving goods**; it is about creating conditions where **capital, ideas, technology and people interact to generate new opportunities**.

India's 2026 BRICS Chairship: from cooperation to shared prosperity

1. With India leading BRICS in **2026**, the opportunity is to deepen cooperation by **building resilience without closing markets, supporting innovation while widening opportunity, and strengthening connections among businesses, institutions and people**.
2. The UAE experience offers a practical model for BRICS: use **openness, connectivity and economic complementarity** to create opportunities rather than allowing differences to restrict cooperation.
3. The emphasis should therefore be on converting BRICS cooperation into **trade, investment, resilient supply chains, connectivity and sustainable development**, particularly when businesses and consumers are facing greater global uncertainty.
4. The broader objective is to strengthen **long-term economic relationships** through not only government agreements but also **business, institutional, educational and people-to-people linkages**.
5. The success of BRICS should ultimately be measured by the **opportunities it creates**—turning its economic diversity and connectivity into **resilience, investment, sustainable development and shared prosperity**.

60. The only solution to grief is to accept it

The piece reflects on the Kailash tragedy through the **unpredictability and fragility of human existence**. Despite extraordinary discipline, preparation and medical/volunteer teams functioning with "military precision", the author could not prevent the loss of 80 people when an unprecedented glacier-triggered flood destroyed the Gyirong immigration centre. His own absence by just 24 hours reinforces the **idea** that **disaster and death do not distinguish between people**. The central lesson is that **no words, explanations or stories can reclaim the dead or erase the grief of their families**; one must confront the reality of mortality rather than seek comforting illusions.

The author connects this with the Sanatan understanding of **impermanence, karma and mortality**: life is brief, nobody is immortal, and we are only "negotiating more time". Psychological well-being therefore requires aligning our **mindset with the reality of existence**. Consciousness of mortality can build **acceptance, emotional resilience and existential awareness**, helping us value every breath and use our limited time according to our capabilities and what genuinely matters. Forgetting mortality, in contrast, makes us waste our finite lives in **anger, quarrels and trivial pursuits**. Thus, accepting grief is not resignation; it is an **awareness-based approach to suffering that enables more purposeful, meaningful and compassionate living**.



61. A special relationship with Europe is linked to our strategic autonomy

Why Europe is becoming central to India's strategic autonomy?

1. The mid-2020s have exposed the **structural unpredictability of the U.S.**—from domestic political turbulence to erratic trade and foreign policy—making excessive dependence on a single superpower risky for India's **long-term economic and strategic security**.
2. This does **not** mean weakening India–U.S. ties; rather, it requires **strategic diversification** through multiple partnerships, preserving India's freedom of manoeuvre instead of anchoring its security calculations to one “mercurial superpower”.
3. India has already pursued this broader **multi-alignment** through the **Quad with Japan and Australia, technological and financial integration with Singapore, and energy partnerships with Gulf states**. Europe can become another important pillar of this diversified architecture.
4. The EU is presented as a **reliable and structurally steady partner** because European foreign policy is relatively anchored in **institutional consensus, long-term frameworks and diplomatic predictability**, offering stability when American policy becomes uncertain.
5. The emerging India–EU relationship therefore has significance beyond bilateral gains: it can contribute to a **resilient, rules-based and multipolar order**, providing India with greater strategic room amid **Chinese expansionism and American unilateralism**.

Economic interdependence creating strategic resilience

1. The **India–EU FTA** can become the economic anchor of this relationship by linking India with a market of nearly **2 billion people and around one-fourth of global GDP**, providing a **large, high-value market and a macroeconomic buffer against global protectionist shocks**.
2. The agreement simultaneously serves Europe's **China+1 diversification strategy**: reducing dependence on Chinese supply chains while eliminating tariffs on **over 96% of traded goods** and establishing more predictable rules for **services, digital economy and high-tech collaboration**.
3. Thus, economic cooperation becomes an instrument of **strategic resilience**—India gains diversified markets and reduced vulnerability to protectionism, while Europe gains an alternative to excessive dependence on China.
4. The relationship is moving beyond commerce into a **Security and Defence Partnership**, institutionalising cooperation in **maritime security, cyber-security, counter-terrorism and emerging technologies such as AI**.
5. For India, European defence cooperation complements **procurement diversification and domestic manufacturing**: Europe can provide highly reliable alternatives while cooperation in **co-production, co-development and technology transfer** can strengthen indigenous defence capability.
6. Access to Europe's **€150-billion SAFE initiative** can further deepen this transition from a conventional buyer–seller relationship towards **defence-industrial integration and technology-enabled capability building**.

From partnership to a “double-sided hedge”

1. Europe cannot replace the U.S. in terms of **global military projection or financial power**; however, its **institutional stability, technological capability and diplomatic predictability** compensate by providing India with a different form of strategic value.
2. India can simultaneously work with Europe **collectively through the EU and bilaterally with key capitals such as Paris, Berlin and London**, creating overlapping partnerships rather than dependence on a single channel.
3. The Indo-Pacific provides a natural convergence: India needs dependable partners for **maritime security**, while European powers increasingly recognise the strategic implications of **Chinese coercion and the security of critical sea lanes and connectivity**.
4. The emerging relationship can therefore function as a **“double-sided hedge”**—expanding India's strategic choices vis-à-vis both **Chinese assertiveness and unpredictable American engagement**, without abandoning either relationship.
5. The larger shift is from viewing **strategic autonomy as distance from major powers** to understanding it as the capacity to **cultivate multiple high-value partnerships while retaining freedom of action**.
6. Hence, a deeper India–Europe relationship can provide the three foundations of contemporary strategic autonomy: **economic resilience, technological capability and security diversification**, while simultaneously strengthening a **resilient, rules-based and multipolar order**.

62. Behind UK ban on goods from illegal Israeli settlements in West Bank

UK's economic pressure on settlement expansion

1. The UK's ban on **agricultural, processed and manufactured goods** from illegal Israeli settlements in the West Bank, including East Jerusalem, reflects opposition to settlement expansion and its attempt to **“bury the two-state solution.”**
2. The restrictions extend beyond trade to **corporate services facilitating settlement expansion** and exports that “materially contribute to the occupation”, making it a broader instrument of **economic and institutional pressure**.
3. Backed by **12 countries including Canada and France**, the move reflects growing international concern over the **territorial consequences of settlement expansion**.



4. However, with settlement goods forming only a small part of ~\$6.2 billion UK–Israel bilateral trade, the measure is more significant as **political signalling and targeted pressure** than as a major blow to Israel’s overall economy.

Settlement expansion and the viability of a Palestinian state

1. Under the **1995 Oslo II framework**, **Area C** constitutes ~60% of the **West Bank**, remains under Israeli control and contains virtually all Israeli settlements; settlement expansion has increasingly converted Palestinian land into **industrial plantations and commercial farms**.
2. The **E1 corridor between East Jerusalem and Ma’ale Adumim** is strategically critical: construction could sever the territorial link between northern and southern West Bank and **isolate East Jerusalem from its Palestinian hinterland**, undermining Palestinian territorial contiguity.
3. Settlement-linked areas such as **Ariel–Barkan, Gush Etzion and South Hebron Hills/Masafer Yatta** further fragment Palestinian communities, livelihoods and access to resources such as the **Western Aquifer Basin**.
4. Thus, settlement expansion creates **“facts on the ground”**, progressively weakening the territorial basis of a **viable two-state solution**.

Targeted economic pressure, not economic isolation

1. The ban is unlikely to seriously affect Israel’s wider economy, driven significantly by **high-tech, defence and pharmaceutical exports**, but can raise **operational costs and legal/financial liabilities** for settlement-based businesses.
2. Settlement production spans **agriculture and manufacturing**, while settlements in Area C and occupied East Jerusalem contributed around **\$30 billion annually** to Israel’s economy during 2015–20, as cited in the piece.
3. Therefore, the UK measure seeks less to **economically isolate Israel** and more to **raise the cost of settlement expansion**, reinforce international opposition to the occupation and preserve the **two-state framework**.

63 . Should the use of Gen AI be banned among younger students in schools?

Benefits of Gen AI in Education

1. **Personalised learning** – Gen AI can offer **“personalised learning”** through explanations, quizzes, gamified exercises and feedback, allowing students to learn according to their pace and needs rather than through a one-size-fits-all approach.
2. **Teacher support** – AI can act as a **“learning assistant”** by helping teachers prepare lessons, generate different explanations and use visual methods; e.g., difficult concepts such as **fractions** can be explained through simple, visual representations.
3. **Learning accessibility** – AI can potentially help bridge **teacher and resource shortages**, particularly in government and rural schools, by providing additional explanations and learning support where adequate educational resources may not be available.
4. **Adaptive feedback** – AI-enabled tools can track a child’s performance and provide immediate feedback; such **continuous assessment and personalised intervention** can improve learning outcomes when used under teacher supervision.
5. **Technological literacy** – Since children are increasingly **“tech savvy”** and AI is already becoming an integral part of everyday digital life, schools need to prepare students to **understand AI and its pros and cons**, rather than simply shield them from it.

Risks of Excessive Use

1. **Cognitive dependency** – Excessive reliance can make AI a **“crutch”**, depriving children of the **“productive struggle”** through which logical thinking, problem-solving and independent reasoning develop.
2. **Learning deficit** – When a student asks AI for the answer and simply copies it, the task may be completed but **“the child is not using his brain”**; thus, apparent academic performance may conceal weak conceptual understanding.
3. **Critical thinking loss** – Education requires students to **struggle, make errors, think logically and synthesise ideas**. Outsourcing these processes to AI risks weakening the very cognitive capacities that schooling is supposed to develop.
4. **Information reliability** – AI can provide **incorrect information**, while younger children may lack the ability to identify such errors. Hence, **critical evaluation, verification and digital discernment** become essential components of AI literacy.
5. **Human interaction** – Primary education is not merely knowledge acquisition; **stories, activities and conversations** develop human relationships and social-emotional abilities. Excessive technological mediation could weaken the **teacher–student bond** and experiential learning.

Need for Regulation, Not Blanket Ban

1. **Guided use** – A complete ban may be counterproductive; instead, children should be **guided on how and when to use AI**, with restrictions where its use directly undermines learning.
2. **Attempt before AI** – Students should first **attempt the problem independently** and use AI subsequently for assistance or clarification. This preserves **independent reasoning and productive struggle** while retaining AI’s benefits.
3. **Human oversight** – AI should **“extend the teacher, not replace the teacher”**. Teachers remain essential for contextual understanding, mentorship, assessment and ensuring that students actually comprehend what AI produces.
4. **Age-appropriate exposure** – Schools can differentiate between **foundational learning and assisted learning**, restricting AI during activities where independent cognitive development is the primary objective.



5. **AI literacy** – Instead of treating AI as an infallible authority, children should learn its **capabilities, limitations and risks**, including how to question and verify its outputs.
6. **Human-centric education** – The ultimate objective should remain “**human beings that make their own contribution to the world**”. Technology should therefore serve education, not allow education to become dependent on technology.

64. How should RUPPs be regulated?

RUPP (Registered Unrecognised Political Party) refers to political parties registered with the **Election Commission under Section 29A of the Representation of the People Act, 1951**, but not recognised as State or National parties. Registration provides benefits such as **tax exemption on eligible donations** and certain electoral benefits.

The concern is that while India had **2,800+ RUPPs**, only around **750 contested the 2024 Lok Sabha elections**. At the same time, six Gujarat-based RUPPs reportedly received around **₹1,700 crore in donations in 2023–24**, raising concerns about “**letter-pad parties**”, **opaque funding and misuse of tax exemptions**.

Problems with RUPPs

1. **Inactive parties** – The large gap between registration and actual electoral participation raises concerns that some RUPPs may exist merely to retain **statutory benefits**, rather than function as genuine political organisations.
2. **Funding opacity** – Only **26% of RUPP annual reports for 2022–23** were publicly available, creating a **transparency deficit** and making political funding difficult to scrutinise.
3. **Tax misuse** – Weak compliance combined with tax exemptions can make inactive parties potential **channels for money laundering and other financial irregularities**, undermining the integrity of political finance.

Regulatory gaps

1. **Limited EC powers** – The EC can register political parties under **Section 29A**, but lacks explicit broad powers to de-register parties merely for prolonged inactivity or poor compliance.
2. **Exceptional grounds** – As reflected in *Indian National Congress v. Institute of Social Welfare (2002)*, de-registration is largely restricted to exceptional situations such as **fraudulent registration, loss of allegiance to the Constitution or declaration of unlawfulness**.
3. **Reform deficit** – The **Law Commission’s 255th Report** and the EC’s **2016 memorandum** proposed stronger de-registration provisions, including action against parties that repeatedly fail to contest elections, but such reforms remain pending.

Way Forward

1. **De-registration power** – Give the EC explicit statutory authority to de-register parties for **persistent non-participation and non-compliance**, subject to due process and safeguards against arbitrary action.
2. **Vote threshold** – Link eligibility for **tax exemptions** to a suitable minimum level of electoral performance so that statutory benefits accrue to parties demonstrating genuine electoral participation.
3. **Financial transparency** – Strengthen mandatory disclosure of **donations, annual reports and financial transactions**, with consequences for persistent non-compliance.
4. **Periodic scrutiny** – Introduce regular review of registered parties to distinguish genuine political organisations from **inactive “letter-pad” parties**, while preserving **political pluralism**.

65. Why are Volkswagen and JLR trimming their workforce?

European automakers **Volkswagen and Jaguar Land Rover (JLR)** are cutting jobs as they struggle to keep pace with **Chinese EV manufacturers**. Volkswagen plans to reduce its workforce by **1 lakh by the end of the decade**, while JLR is cutting **4,000 jobs**, reflecting the difficult transition from the **internal-combustion-engine era to electrification**. High restructuring costs, declining demand in key markets, cheaper Chinese competitors backed by **state-supported financing**, and geopolitical uncertainty including U.S. tariffs are putting pressure on their traditional business models.

The larger concern is that European manufacturers are losing **cost and technological competitiveness** in the rapidly evolving EV market. Volkswagen’s Chinese sales have fallen by about **one-third from 2019 levels**, while Chinese firms such as BYD and Geely are gaining ground. The disruption, however, creates an opportunity for **India**, with Volkswagen seeking a local partner and JLR benefiting from India’s growing market and the **India–UK FTA**. The broader lesson is that the EV transition is not only an environmental shift but also a **major industrial restructuring**, with implications for jobs, manufacturing competitiveness and global supply chains.

66. Why India must rethink the way it values skills, jobs and productive work

Employment and productivity

1. **Job creation** – Manufacturing remains insufficiently **labour-absorbing**, while post-pandemic recovery has favoured capital-intensive sectors, limiting quality employment.



2. **Low-productivity cycle** – Stagnant wages → weak consumption → sluggish investment → low job creation can reinforce one another, trapping the economy in low productivity.
3. **Productivity enclaves** – Gains remain concentrated in narrow, capital- and skill-intensive enclaves, limiting economy-wide productivity diffusion.
4. **Middle-income trap** – India risks exhausting cheap-labour and catch-up gains without transitioning to innovation-led, high-productivity employment.

Skills and work

1. **Credentialism** – Excessive emphasis on technical/engineering degrees has come at the expense of vocational and practical skills, widening the gap between qualifications and productive capability.
2. **Skill mismatch** – Weak vocational education limits occupational competence and employability; fewer than 3% of the workforce has formal vocational education.
3. **Dignity of labour** – Social hierarchy undervalues manual and artisanal work despite its importance for industrial development, weakening the supply of skilled workers.
4. **Women's work** – Unpaid and undervalued work, particularly women's work, remains poorly recognised, showing that social norms also shape how productive work is valued.

Structural transformation

1. **Beyond binaries** – India needs to move beyond the pro-market vs Keynesian policy divide towards deeper structural and institutional transformation.
2. **Useful knowledge** – Escaping the middle-income trap requires diffusion of useful knowledge and technology beyond a narrow group of productive firms and workers.
3. **Vocational ecosystem** – Strengthen vocational education, industry-linked training and practical skills, while raising the social status of skilled occupations.
4. **Technology diffusion** – Wider diffusion of technology can spread productivity gains beyond existing capital-intensive enclaves and improve employment quality.
5. **Productive investment** – Investment should expand productive capacity and labour absorption, rather than merely reinforce capital-intensive growth.
6. **Value productive work** – India needs a shift from credentials to capabilities, recognising skilled manual, technical and artisanal work as essential to productive development.

67. Forget BRICS, look West

Limited gains from BRICS

1. **Weak strategic voice** – Despite repeated BRICS declarations supporting India's greater role in the UN Security Council, India has little influence over the grouping's major unresolved issues; its expansion has also made consensus harder.
2. **Institutional under-delivery** – India contributed about \$2 billion to the New Development Bank (NDB) and committed another \$18 billion to the Contingent Reserve Arrangement, while the NDB's lending has remained below its target; the author therefore views the financial commitments as an "insurance premium" with limited returns.
3. **Consensus deficit** – The 2024 BRICS Foreign Ministers' meeting failed to produce a joint statement, reflecting the difficulty of reconciling divergent interests among an expanded membership.
4. **Strategic silence** – The grouping has not adequately addressed major concerns such as the Russia–Ukraine war, Gaza, China's silence on COVID-19 origins and Chinese mercantilism, weakening its relevance as a platform for India's strategic interests.
5. **China dilemma** – BRICS has not questioned China's undervalued currency and mercantilist strategy, even though the author links these policies to persistent trade imbalances; India consequently remains a relatively weak voice within the grouping.

Growth and economic interests

1. **Growth deficit** – The contrasts BRICS economies' income trajectories with countries such as South Korea, Poland and Vietnam, which have successfully moved towards higher-income status; India's per-capita income remains far below the World Bank's high-income threshold.
2. **Consumption constraint** – China's model is criticised for prioritising mercantilist surpluses over domestic consumption, with household consumption at only about 40% of GDP compared with a global average of 64%.
3. **Slow convergence** – India's per-capita income is cited at around \$2,550, while achieving the Viksit Bharat 2047 goal would require roughly 10% annual growth in dollar-denominated income, compared with only about 4.9% achieved over the preceding 11 years.
4. **Wrong benchmark** – The scholars argues that countries currently achieving the kind of economic transformation India seeks—Korea, Poland and Vietnam—are outside BRICS, questioning the grouping's usefulness as India's growth model.



Why look West?

1. **Economic interdependence** – The U.S. is a major destination for Indian **goods and software exports**, contributes substantially to **remittances**, holds large Indian securities and has significant FDI in India, making Western markets central to India's economic interests.
2. **Strategic diversification** – China's relatively low cumulative FDI in India, persistent trade deficit and restrictions affecting **rare-earth magnets and Foxconn's iPhone operations**, highlighting vulnerabilities in the China relationship.
3. **Trade orientation** – Europe and the U.S. provide access to **large, high-income markets, technology, capital and investment**, which the author considers more consequential for India's long-term development than BRICS membership.
4. **Global partnership** – The proposed shift is therefore not merely geopolitical alignment but an **economic strategy**: India's future should be built as a **global partner of the West**, using trade, investment and technology integration to accelerate income growth and productive transformation.

68. The challenges for BRICS in a changing world order

After 20 years, BRICS has evolved from an economic grouping into a major **Global South voice**. Its expansion has increased its global weight, but also sharpened internal fault lines over its **purpose, geopolitical orientation and economic architecture**. For India, the challenge is to use BRICS for **Global South interests and institutional reform** while preserving **strategic autonomy**.

BRICS: Growing weight, internal divergence

1. **Global South voice** – BRICS' economic weight has expanded significantly: the enlarged grouping accounted for **36.8% of global GDP (PPP) in 2024**, compared with **29% for the G7**, strengthening its claim to represent the developing world.
2. **Reform agenda** – BRICS originally emerged around demands for **reform of global financial institutions and greater voice for developing countries**; its continuing relevance lies in correcting the mismatch between the **distribution of economic power and institutional power**.
3. **Competing visions** – China and Russia increasingly see BRICS as a counterweight to **Western dominance and dollar hegemony**, whereas India and Brazil view it primarily as an **economic and reform-oriented grouping**—creating a fundamental disagreement over its purpose.
4. **Consensus challenge** – Expansion has amplified geopolitical contradictions; the failure to issue a **joint declaration at the May 2026 Foreign Ministers' meeting**, amid the **Iran–UAE confrontation**, exposed the difficulty of maintaining consensus in an increasingly heterogeneous grouping.
5. **Strategic autonomy** – India's simultaneous participation in **BRICS, G20, Quad and SCO** reflects a strategy of **multi-alignment**—creating room for manoeuvre among competing power centres rather than tying itself to any single bloc.

De-dollarisation: Progress with limits

1. **Local-currency trade** – Russia and China conduct **over 90% of bilateral trade in the ruble and yuan**, while India–Russia trade has also increasingly shifted towards national currencies, reducing dependence on dollar-based settlement.
2. **Payment alternatives** – BRICS is exploring interoperable payment mechanisms involving systems such as **Russia's SPFS, China's CIPS and India's UPI**, seeking greater **financial autonomy**.
3. **De-dollarisation constraint** – Despite growing local-currency settlements, the **U.S. dollar still accounts for 57.13% of global central-bank reserves**, showing that BRICS is far from displacing the dollar-based system.
4. **No common currency** – The idea of a **single BRICS currency** has largely been shelved; the more practical trajectory is **currency diversification and alternative settlement mechanisms**, rather than immediate monetary integration.
5. **Economic institutions** – The New Development Bank (NDB) has approved around **\$44 billion across 141 projects**, demonstrating that BRICS can build parallel **development-finance capacity** even without replacing existing global institutions.

India's priorities and way forward

1. **Bridge role** – India can position BRICS as a **bridge between the Global South and the West**, rather than allowing it to become an explicitly anti-Western platform; this strengthens India's **strategic autonomy**.
2. **Consensus diplomacy** – Conflicts involving **Iran, Israel, the U.S. and Russia–Ukraine** will test BRICS' ability to sustain a common position; India's role is to pursue **consensus-building without sacrificing its own interests**.
3. **Economic resilience** – India's 2026 priorities include **resilient and diversified supply chains, reform of global financial institutions, NDB expansion and intra-BRICS trade**, shifting the grouping towards tangible economic outcomes.
4. **Developmental cooperation** – **Digital public infrastructure, climate finance, health cooperation, critical minerals and connectivity** offer relatively broad areas for practical cooperation and can strengthen BRICS as a **development-oriented platform**.
5. **Inclusive multilateralism** – India should preserve BRICS as a **"big tent" for the Global South**, advancing **multipolarity and institutional reform** while avoiding bloc politics that could deepen existing geopolitical divisions.



69. Good governance is when State, society and markets deliver together

Collaborative governance delivers better outcomes

1. **Decentralised action** – Experiences of the **Green & White Revolutions, Rural Livelihoods Mission, Swachh Bharat Mission–Gramodaya, watershed development** show that locally driven collective action improves outcomes.
2. **Community participation** – **SHGs, community organisations and grassroots representatives** bring local knowledge and ownership, making governance more responsive and effective.
3. **Women’s agency** – Women’s collectives can act as **agents of accountability and development**, particularly in improving livelihoods and multidimensional poverty outcomes.
4. **State–market synergy** – Good governance need not mean State versus market; **public agencies, community institutions and market professionals** can combine capabilities to solve complex problems.
5. **Technology as enabler** – Technology can strengthen delivery and monitoring, but its value lies in **enabling institutions and communities**, not replacing them.

India’s governance challenge is institutional, not merely financial

1. **Vulnerability persists** – Despite significant poverty reduction, many households remain vulnerable, while **productivity gains, wages and manufacturing employment** remain inadequate.
2. **Weak local capacity** – Decentralisation is constrained by **inadequate management systems, institutional weaknesses and limited professional capacity** at the grassroots.
3. **Skills deficit** – Better governance requires **higher-order education, skills and useful knowledge** so communities can convert development interventions into sustained productivity gains.
4. **Dignity of work** – Social norms and **credentialism/caste-based occupational hierarchy** undervalue vocational, manual and artisanal skills, weakening the productive base.

From “sarkari” to impactful governance

1. **Empowered local governments** – Real decentralisation requires **funds, functions and functionaries**, along with legitimate authority close to communities.
2. **Community validation** – Initiatives such as the **Panchayat Advancement Index (PAI)** can become more meaningful through **community validation of outcomes**, rather than merely administrative ranking.
3. **Professional capacity** – Models such as **ASHA workers** show how community resource persons can improve accountability; professionals from the market can similarly supplement public capacity.
4. **Convergent action** – Effective governance requires convergence among the responsibilities under the **Eleventh and Twelfth Schedules**, rather than fragmented scheme-based implementation.

70. India’s Economic Bridges amid Rising Global Trade Barriers

A changing global trade order

1. **Rising trade barriers** – Growing **trade barriers and constrained sea trade routes** are making global commerce more vulnerable.
2. **“Ugly forms” of competition** – Economic rivalry increasingly involves **military attacks, secondary sanctions and attempts to block transport corridors**.
3. **Shift in economic power** – **Late-20th-century economic powers** are being replaced by **new engines of growth**, signalling a structural shift.
4. **Technology as competitive edge** – Western economies retain **technological and scientific advantages** and seek to regain their competitive edge.
5. **Economic security–national security nexus** – **Pezeshkian** linked **economic security with national and regional security**, highlighting the geopolitical use of sanctions and technology.

India’s bridge-building approach

1. **Trade diversification** – India has entered into **~40 trade agreements with ~40 countries since 2014** to reduce barriers and expand business opportunities.
2. **BRICS cooperation networks** – India is developing cooperation in **agriculture, health, skills and smart grids** under its BRICS presidency.
3. **MSME integration** – The **BRICS Incubator Network, MSME Portal and Start-up Innovation Fund** aim to connect enterprises with **markets and finance**.
4. **Freedom of navigation** – India stresses **secure sea lanes, open supply routes and safety of seafarers** for uninterrupted global commerce.

BRICS and resilient economic cooperation

1. **Collective economic weight** – BRICS represents **50% of global population, 40% of global GDP and >25% of global trade**.



2. **Rising economic weight** – BRICS economies have expanded significantly faster than the traditional economic powers, strengthening the case for deeper coordination.
3. **Local-currency trade** – Greater trade in **national currencies** can reduce dependence on externally controlled financial channels.
4. **Beyond economic size** – BRICS should move beyond its aggregate economic weight towards a **network of trade, investment and joint financing**.
5. **Operational cooperation** – The priority is to convert “**potential cooperation**” into **operational mechanisms** with tangible economic outcomes.
6. **Financial–technological autonomy** – No country should be able to disrupt another’s **legitimate trade by monopolising financial instruments or technology**.

71. BRICS Finance Ministers flag “unilateral imposition” of tariffs

At the second meeting of BRICS Finance Ministers and Central Bank Governors (FMCBG) under India’s chairship, held in Mumbai on September 9–10, members raised concerns over rising **tariffs and non-tariff measures** that distort trade.

1. **Unilateral tariffs:** BRICS criticised the “**unilateral imposition**” of trade and finance-related measures, noting their inconsistency with **WTO rules** and disproportionate impact on **Emerging Markets and Developing Economies (EMDEs)**.
2. **Rules-based trade:** FMCBG reaffirmed support for an **open, transparent, inclusive, non-discriminatory and rules-based multilateral trading system**, with the **WTO at its core**.
3. **Local-currency trade:** BRICS Payments Task Force is exploring “**pragmatic solutions**” to facilitate greater cross-border payments in **local currencies**, while respecting national priorities.
4. **Payment interoperability:** Discussions focus on **interoperability of payment and messaging channels**, alongside easier trade settlement and investment using BRICS local currencies.
5. **No one-size-fits-all:** BRICS acknowledged that payment and monetary arrangements must reflect **national priorities**, ruling out a uniform model for all members.
6. **Growth Task Force:** India established a **BRICS Task Force on Growth and Development** as a platform to address shared growth challenges of BRICS, emerging markets and developing economies.
7. **Three pillars:** The Task Force will work around **Resilience, Innovation and Cooperation**, enabling countries to discuss growth models suited to their own national contexts.
8. **Broader financial reform:** The statement also covered cooperation on **reforming multilateral lending institutions**, including the **World Bank and IMF**.

72. Goyal calls for local-currency trade among BRICS nations

Speaking at the inaugural **BRICS Business Forum 2026**, Union Commerce Minister **Piyush Goyal** called for deeper economic integration among BRICS members through linked payment systems, greater use of local currencies and more open markets. BRICS represents **50% of the global population, 40% of global GDP and nearly one-fourth of global trade**, giving intra-BRICS cooperation significant economic potential.

1. **Local-currency trade:** Goyal urged BRICS countries to **link their payment systems and conduct more trade in local currencies**, reducing friction in cross-border transactions and strengthening intra-BRICS economic ties.
2. **Open markets:** BRICS members should **open their markets to each other’s products**, including **raw materials and critical minerals**, to expand trade opportunities and strengthen supply chains.
3. **Economic security:** Jaishankar stressed that greater economic security should mean **greater self-reliance while remaining interconnected** — enabling countries to absorb external shocks without becoming isolated from global markets.
4. **Predictable trade environment:** Stronger BRICS trade requires **genuine market practices, predictable business environments, diversified commercial relationships and transparent trade and industry**.
5. **Trade facilitation:** Members should **simplify regulatory procedures and enable faster clearance of consignments** to reduce transaction **costs** and make cross-border trade more efficient.
6. **Growth and prosperity:** Goyal highlighted BRICS cooperation as a means to generate **jobs, wealth and prosperity**, with India playing an important role as a pillar of **intra-BRICS trade**.

73. Finance Minister flags AI safety, systemic risks

Addressing the **Global Fintech Fest (GFF) 2026 in Mumbai**, Finance Minister **Nirmala Sitharaman** called for responsible AI adoption in the financial sector amid rapid advances in frontier AI, agentic AI and quantum computing.

1. **Frontier AI risk:** Frontier AI laboratories are “**racing straight to self-improving superintelligence**”, raising concerns over **AI safety and systemic risks**.
2. **Accountable AI:** Financial systems should be “**fast yet accountable, autonomous yet reversible**” and innovative without diluting **consumer trust**.



3. **Human responsibility:** AI may assist judgement, but **responsibility must remain human and institutional**, particularly where AI-driven decisions have significant consequences.
4. **AI transparency:** Regulators, boards and senior management must know **where AI is used, what decisions it influences, what data it relies upon and what harm can arise if it fails**.
5. **Risk-based scrutiny:** Higher-risk AI use cases require **greater scrutiny before deployment and throughout their operational lifecycle**; the greater the consequence, the stronger the need for **review, explanation and appeal**.
6. **Responsible adoption vs avoidance:** AI adoption and AI avoidance are not the real alternatives. Institutions relying on legacy systems may become **risk-less capable, less competitive and eventually fade out**; the priority is **well-managed adoption**.
7. **Agentic AI & quantum computing:** These emerging technologies can significantly improve efficiency, but their **speed and autonomy can also amplify systemic risks**, requiring stronger institutional safeguards.
8. **Tokenisation & agentic AI:** **Tokenisation** has reduced intermediaries and enabled near-instantaneous asset transfers, while **agentic AI** is moving from recommendations to autonomous actions and compressing processes that earlier took days into seconds.

74. India in talks to secure Australian, Chilean lithium blocks

As India steps up efforts to secure supplies of **critical minerals**, the Union Mines Ministry is negotiating with Australia and Chile for lithium blocks, while also seeking additional blocks in Argentina.

1. **Overseas mineral acquisition:** India has **limited domestic lithium reserves**; after acquiring **five blocks in Argentina**, it is now seeking five more, while pursuing lithium opportunities in **Australia and Chile**.
2. **Private sector role:** The government is encouraging Indian companies to **enter overseas markets, undertake exploration and subsequently mine resources**, with the extracted critical minerals supplied to India.
3. **E-waste as secondary source:** India is promoting **e-waste recycling** as an important domestic source of critical minerals, reducing dependence on overseas supplies.
4. **Recycling capacity:** **125 entities** have registered under the government's **₹1,500-crore e-waste recycling package**, of which **58 have been cleared**.
5. **Critical mineral recovery:** The projects are expected to recover around **96 kilotonnes of critical minerals annually**. The Mines Ministry is working with **NITI Aayog** to determine the location of incentives for the 58 eligible entities.
6. **Reducing import dependence:** Around **25–30% of India's critical-mineral needs** could potentially be met through **e-waste recycling**, highlighting the importance of secondary sources alongside overseas mineral acquisition.

75. AI Governance Architecture Must Include Its Largest Stakeholders

Why a new AI governance architecture?

1. **Cross-border risks:** AI can amplify risks across **financial systems, climate exposure and other sectors**, making purely national or sector-specific regulation inadequate.
2. **Emerging-market vulnerability:** Emerging markets are **massive users of AI** but remain vulnerable to technological, sovereign, financial and climate risks; hence, their perspectives must shape global rules.
3. **Institutional gap:** Existing bodies such as the **FSB and Basel Committee** are important but primarily provide coordination/standards; AI requires an institution capable of **research, regulation and global rule-setting**.

International Institute for Regulatory Development (IIRD)

1. **Global apex body:** The authors propose an **International Institute for Regulatory Development (IIRD)** as a global apex body for **AI, finance and climate risk**, building on the standards work initiated during India's 2023 G20 Presidency.
2. **Three core functions:** IIRD should undertake **global research and early warning**, build regulatory capacity and facilitate exchange of regulatory practices across countries.
3. **Knowledge exchange:** Existing initiatives such as **Project Agora** and **Project Dunbar** show that regulators can jointly develop platforms and practices; IIRD can institutionalise such exchanges.
4. **Proportionate standards:** Governance should reflect **where growth and users are**, with standards calibrated to different national and developmental contexts rather than imposing uniform rules.
5. **Complement, not replace:** IIRD should complement existing institutions by producing **shared research, early warnings and regulatory guidance**, rather than creating another competing institutional layer.

Inclusive Global South-led governance

1. **Broader representation:** IIRD should be an **open institution**, funded by public, private and multilateral sources, with membership open to the G20, OECD, multilateral development banks and FSB.
2. **Global South participation:** The proposed framework should give emerging and advanced economies a meaningful role, ensuring that those **most affected and most vulnerable** are represented in rule-making.



3. **AI as common-law challenge:** AI governance is being shaped by a handful of companies and governments; therefore, countries need to collectively design rules for a world **“that does not yet exist.”**
4. **India’s opportunity:** India’s BRICS chairship provides an opportunity to draft an **IIRD charter by the 2027 summit**, potentially alongside a Global South-led AI governance framework.

76. AI can Kill Humanity in a decade? Get in line

Advanced AI could become **an existential threat to humanity**, with warnings that self-improving AI may potentially “kill us all” by the end of the decade. Despite recognising these dangers, companies such as Anthropic and OpenAI continue competing to develop increasingly powerful models for fear of being left behind. The concern is intensified by the fact that humanity has repeatedly pushed the planet towards catastrophe through war, nuclear weapons, overconsumption and climate change. This reflects the **“banality of risk”**—humans often normalise grave dangers even when they understand their consequences. The central message is that AI’s potential to destroy humanity must be taken seriously rather than dismissed as science fiction.

77. India’s BRICS Balancing Act

The Iran war, expanding Western sanctions and tariffs, and the weaponisation of financial systems have renewed the debate over India’s dependence on the Western economic order. BRICS is not a substitute for the West, but India must diversify its economic and strategic partnerships to protect its autonomy.

Risks of Western dependence

1. **Financial weaponisation:** The removal of Iran and Russia from SWIFT highlights how financial networks can be used as instruments of geopolitical pressure.
2. **Tariff pressure:** US tariffs and other trade restrictions demonstrate the vulnerability created by excessive dependence on Western markets and economic policies.
3. **Sanctions regime:** India’s purchase of Russian oil during the Ukraine war and its cooperation with Iran have exposed it to the risk of secondary sanctions and economic coercion.
4. **Technology dependence:** India remains dependent on Western countries for advanced technologies and pharmaceuticals. During COVID-19, India and South Africa sought a TRIPS waiver to improve access to vaccines and other life-saving medicines.
5. **Strategic vulnerability:** Dependence on one dominant economic bloc can weaken India’s strategic autonomy, particularly when trade, finance, technology and supply chains become geopolitical tools.

Why the West remains important?

1. **Economic centrality:** Western economies remain crucial for India’s exports, investments, technology and services-sector employment; BRICS cannot immediately replace these linkages.
2. **Trade and investment:** Integration with Western economies has generated economic gains beyond goods trade, especially through the services sector and foreign investment.
3. **Alternative policies:** Western economic measures such as the European Union’s Carbon Border Adjustment Mechanism (CBAM) can affect Indian exports and require policy and technological adaptation.
4. **Chabahar dilemma:** India’s investment in Chabahar Port is strategically important for connectivity with Afghanistan and Central Asia, but changing US sanctions and waiver policies create uncertainty.

BRICS as an additional economic pillar

1. **Growing economic weight:** BRICS’ share of global GDP has increased substantially, from around 17% in 1995 to nearly 35% in 2024, making it an important platform for emerging economies.
2. **Trade diversification:** Greater trade with BRICS countries can help India diversify markets and reduce geographical concentration of trade and critical-mineral supplies.
3. **Alternative finance:** Institutions such as the New Development Bank (BRICS Bank) and other forms of development finance can provide additional sources of infrastructure and growth funding.
4. **Critical minerals:** The concentration of critical minerals within the BRICS region offers opportunities to strengthen India’s resource security and resilient supply chains.
5. **Not an alternative to the West:** BRICS has limitations, including internal political differences, China-related concerns, uneven economic capacities and the absence of a fully developed alternative to Western financial systems.

78. China and the Rest: BRICS’ Widening Economic Gap

China’s growing economic dominance

1. **Unequal economic weight:** China’s GDP has expanded far faster than that of the other BRICS members. By 2026, its economy was around \$20.85 trillion, while India stood at about \$4.15 trillion, followed by Brazil and Russia.
2. **China versus the rest:** China’s economy is now more than twice the combined GDP of the other four original BRICS economies, highlighting the grouping’s internal economic imbalance.



3. **India's position:** India performed relatively well between 2006 and 2015 and became the second-largest economy within BRICS, but China's growth has remained far ahead of the rest.

Uneven prosperity among citizens

1. **GDP versus living standards:** A country's overall economic size does not necessarily reflect the prosperity of its citizens; therefore, GDP per capita provides a more meaningful measure of average well-being.
2. **Changing rankings:** In 2006, the average Russian was richer than the average Chinese citizen. By 2026, China had surpassed Brazil and South Africa in average income levels, though it still remained below the richest BRICS members in per-capita terms.
3. **India's gap:** India's per-capita GDP remains considerably lower than that of China, Brazil, Russia and South Africa, showing that economic expansion has not translated into comparable average prosperity.

Implications for BRICS' purpose

1. **Internal imbalance:** BRICS was conceived as a collective platform for emerging economies, but China's overwhelming economic weight has weakened the idea of a relatively balanced grouping.
2. **Diminishing collective influence:** Instead of the combined economic strength of several comparable emerging economies, BRICS increasingly reflects China's economic dominance alongside a much weaker group of partners.
3. **Question of effectiveness:** The key concern is whether BRICS can effectively challenge the global economic order when its members possess such unequal economic capacities.

79. What the Recent Trajectory of India-China Ties Means for the BRICS Summit

Xi Jinping's visit to India after seven years comes amid attempts to stabilise bilateral relations, unresolved border-related mistrust and growing geopolitical tensions. It also highlights the challenges created by China's growing dominance within BRICS.

1. Border-related mistrust: India-China ties have been strained by confrontations at Depsang, Chumar, Doklam and eastern Ladakh, with the Galwan clash further damaging mutual confidence.
2. Limited stabilisation: Military and diplomatic talks have enabled gradual disengagement and measures such as the resumption of direct flights, easing of visa restrictions and restarting of the Kailash Mansarovar Yatra.
3. Unresolved differences: Serious structural issues remain, including the trade deficit, restricted market access, taxation and customs barriers affecting Indian businesses in China.
4. China's growing might: Since the formation of BRICS, China's economy has expanded much faster than those of other members, giving it disproportionate economic and strategic influence within the grouping.
5. Strategic assertiveness: China's economic rise has been accompanied by greater military and geopolitical ambitions, including in the South China Sea and along disputed borders.
6. Different visions of BRICS: China and Russia tend to project BRICS as an anti-Western platform, while India sees it as a "non-Western" grouping, not necessarily opposed to the West.
7. India's balancing approach: India continues to need Western partners for capital, technology, trade, security cooperation and services-sector opportunities, while using BRICS for energy, development, trade diversification and institutional reform.
8. Limits of expansion: The expansion of BRICS to 11 members has increased its global reach but also brought greater political and economic diversity, making consensus and coordinated action more difficult.

80. Building Consensus

The 18th BRICS Summit and the New Delhi Declaration focused on reformed multilateralism and changing traditional global power equations amid unilateral actions by superpowers and ongoing wars.

1. Consensus despite differences: The summit's success was reflected in high-level participation, emphasis on intra-BRICS trade cooperation mechanisms and India's ability to secure a joint declaration despite internal differences and an ongoing war.
2. Reformed multilateralism: The New Delhi Declaration projected BRICS as a formidable collective force in its 20th year and called for reform of the UN Security Council, including a greater role for India and Brazil.
3. Economic cooperation: BRICS condemned Western sanctions and tariffs, supported stronger intra-BRICS trade and encouraged greater use of local currencies in transactions.
4. Unilateralism and war: The grouping condemned unilateral wars but avoided directly criticising any member, showing the difficulty of maintaining unity within a diverse grouping.
5. Iran-UAE engagement: India ensured that Iran and the UAE, two rivals in the West Asian conflict, used the summit for their highest-level bilateral meeting since the war began, demonstrating India's diplomatic balancing role.
6. Last-minute compromise: References to the U.S.-Israel attacks on Iran, the assassination of Ali Khamenei and Iran's retaliatory attacks on neighbouring countries, particularly the UAE, were omitted to secure agreement on the declaration.
7. Position on Palestine and Lebanon: Despite these omissions, the declaration adopted an exceptionally strong position against Israel's actions in Palestine and Lebanon.



8. Saudi Arabia's ambiguity: Saudi Arabia's formal position within BRICS remained unclear, as its Foreign Minister Faisal bin Farhan arrived after the main session in which the joint declaration had already been adopted.
9. India as Global South balancer: India's fourth BRICS chairship strengthened its image as a Global South balancer, with access to both sides of a divided world while securing bilateral diplomatic benefits.
10. Bilateral normalisation: Modi's meeting with Iranian President Masoud Pezeshkian helped address concerns over India's perceived tilt towards the US and Israel, while his meeting with Xi Jinping created an opportunity to renew political efforts towards India-China normalisation.
11. Wider Global South outreach: Meetings with leaders from ASEAN and African countries highlighted India's effort to strengthen partnerships beyond the immediate BRICS framework.
12. Changing power equations: The summit demonstrated solidarity among countries with significant differences but a shared desire to shift global power equations towards a world increasingly shaped by emerging economies.

81 . A rising graph Doping is now a deep-rooted culture in Indian sports

At least 13 doping positives during the Commonwealth Games and ahead of the Asian Games have again highlighted the deep-rooted doping culture in Indian sports. Despite India's strong performance across disciplines, doping threatens athletes' health, credibility and the country's sporting reputation.

1. Growing doping culture: Doping cases have emerged across athletics, weightlifting, wrestling, wushu and judo. The removal of dope-tainted athletes from the Aichi-Nagoya Asian Games squad shows the seriousness of the problem.
2. Multiple incentives: Lucrative incentives for Asian Games medallists, pressure to win, fear of injury, shortcuts to success and the desire to protect personal and national pride encourage athletes and coaches to use performance-enhancing substances.
3. International embarrassment: The problem has emerged repeatedly before major multi-sport events. The World Anti-Doping Agency (WADA) and the Athletics Integrity Unit (AIU) have raised concerns, while an international agency conducted surprise tests in Bhubaneswar and Bengaluru.
4. Weak anti-doping capacity: The National Anti-Doping Agency (NADA) remains seriously understaffed despite being responsible for India's anti-doping work. Although testing and intelligence-based raids have increased, the scale of the problem requires stronger institutional capacity.
5. Need for autonomy: NADA must be given greater operational independence from government control to improve its effectiveness and credibility in investigating and preventing doping.
6. Legal strengthening: Proper implementation of the National Anti-Doping (Amendment) Act, 2025 is necessary to provide greater powers to NADA and its affiliated bodies.
7. Financial constraints: More expensive testing and the need for additional staff require higher budgetary support. The reduction in the overall sports budget in the current Budget creates an additional challenge.
8. Cross-border supply chains: India must address the supply of banned substances sourced from different countries. The case of an Indian serviceman arrested in Kenya for illegally importing performance-enhancing drugs highlights the transnational nature of the problem.
9. Future sporting credibility: As India prepares for the 2030 Commonwealth Games and aspires to host the Olympics, it must decisively eliminate doping to protect athletes' health, ensure fair competition and maintain international confidence in Indian sport.

82 . Terror's Changing Face, India's Counter-Terror Strategy

Changing nature and early challenges

1. Fragmented terrorism: Groups such as Al-Qaeda and ISIS have given way to smaller autonomous outfits, lone-wolf attackers and online radicalisation. Drones, cyber capabilities and AI are also being used for terror activities.
2. Passive response: During the initial phase of cross-border terrorism in Kashmir, India largely warned Pakistan without imposing adequate costs for its support to terrorism.
3. Security gaps: The 1993 Mumbai blasts, Coimbatore blasts and other attacks exposed weaknesses in intelligence, coordination and internal security mechanisms.
4. Pakistan-based terrorism: The IC-814 hijacking (1999) and the release of terrorists, including Masood Azhar, strengthened Pakistan-based terror networks. The 2001 Parliament attack led to Operation Parakram and large-scale military mobilisation.
5. Nuclear constraint: After the 2008 Mumbai attacks, India avoided direct military action against Pakistan, as Pakistan's nuclear capability increased the risks of escalation.

India's shift towards proactive action

1. Surgical strikes: After the Uri attack in 2016, India conducted surgical strikes across the LoC against terror launch pads, signalling that cross-border terrorism would invite direct costs.



2. Balakot air strikes: Following the Pulwama attack in 2019, the Indian Air Force struck a Jaish-e-Mohammed camp at Balakot, demonstrating India's willingness to target terror infrastructure across the border.
3. Operation Sindoor: After the Pahalgam attack on April 22, 2025, India launched Operation Sindoor on May 6–7, destroying nine terror targets, including the headquarters of Lashkar-e-Taiba and Jaish-e-Mohammed, as mentioned in the piece.
4. Changed doctrine: India has moved from defensive restraint to proactive counter-terrorism, treating state-supported terrorism as an act of war and seeking to impose credible costs on perpetrators and their infrastructure.
5. Nuclear blackmail: India's recent actions indicate that the perceived use of nuclear deterrence by Pakistan to constrain India's counter-terror responses is no longer viewed as an absolute shield against calibrated counter-terror operations.

Present strategy and remaining concerns

1. Three clear messages: India has signalled that future terror attacks will attract a heavy price, cross-border terrorism will be treated as an act of war, and Pakistan's nuclear blackmail will no longer be an effective restraint.
2. PRAHAAR framework: The National Counter-Terrorism Policy and Strategy, unveiled in February 2026, promotes a coordinated "whole-of-government" and "whole-of-society" approach to preventing and responding to terrorism.
3. Four-fold approach: India's strategy involves intelligence-led operations, pre-emptive action against terror infrastructure, de-radicalisation, and disruption of terror financing and cross-border networks.
4. LoC vigilance: Although terror incidents in Kashmir have declined, infiltration across the Line of Control and the presence of enabling intelligence and security networks remain concerns.
5. Counter-radicalisation: Preventing recruitment into extremist groups requires community engagement, de-radicalisation and action against online mobilisation.
6. Global cooperation: Through platforms such as the SCO and BRICS, India continues to demand that terrorists receive neither safe havens nor political, financial or strategic support.

83 . The Evidence Gap in Dole Politics

1. Welfare and dignity: The debate dates back to the 1795 English system of linking wage support to bread prices and family size. While Karl Polanyi saw such support as an early recognition of the human "right to live", critics argued that it distorted price signals and weakened incentives to work.
2. Growing dole politics: Free electricity, bus travel, monthly cash transfers, subsidised food and utility support have become regular features of Indian politics.
3. Economic importance: The Economic Survey 2025–26 notes that transfers to women account for around 11–24% of the monthly income of daily-wage workers and 11–87% of the income of self-employed women, showing their importance in an informal economy.
4. Fiscal pressure: Unconditional cash transfers to women expanded from two States in 2022–23 to 12 States in 2025–26. PRS estimates their annual cost at around ₹1.68 lakh crore, or nearly 0.5% of GDP. Schemes such as Lakshmir Bhandar, Kaalignar Magalir Urimai Thogai and Orunodoi add to the pressure on State finances.
5. Cash is not enough: A transfer may provide immediate relief, but it cannot substitute for durable public goods such as healthcare, childcare, government schools, nutrition and access to work.
6. Missing outcome link: Governments often justify transfers through dignity and empowerment, but rarely establish how payments improve consumption, reduce debt, strengthen nutrition, increase schooling or healthcare spending, or improve women's bargaining power.
7. Evidence deficit: An ADB study prepared for the 16th Finance Commission found that India lacks a systematic dataset on government expenditure on cash-transfer schemes, making their overall impact difficult to assess.
8. Need for accountability: Large recurring transfers should be supported by a welfare impact statement before implementation, covering objectives, eligibility, expected beneficiaries, five-year fiscal cost, alternatives, leakage, exclusion errors and measurable outcomes.
9. Post-implementation review: Household surveys should assess not merely whether money was received, but its impact on consumption, debt, health, education, work incentives, household expenditure and well-being. Anonymised microdata should be made available for independent research.

84 . At BRICS, India Must Bank on the NDB

BRICS' potential and limitations

1. Growing economic weight: The expanded BRICS represents around 40% of global GDP and 55% of the world's population, but its voting share in institutions such as the IMF has not increased proportionately.
2. Lack of strategic unity: Russia, China and Iran favour a more explicitly anti-Western orientation, whereas India, Brazil and South Africa do not share the same geopolitical outlook.



3. India's balancing act: Given the importance of India-US relations, India should treat BRICS primarily as a non-Western platform for practical cooperation, rather than support a Beijing-Moscow-led de-dollarisation agenda.
4. Strategic objective: India should maximise BRICS' potential while ensuring that the grouping does not strengthen China's wider strategic position.

Making the New Development Bank count

1. Practical avenue: The New Development Bank (NDB), established in 2015 to finance infrastructure and sustainable-development projects in BRICS and other developing economies, remains one of the grouping's most useful economic institutions.
2. Limited performance: In nearly a decade, the NDB has approved only 139 projects worth around \$43 billion, with most funding concentrated in BRICS countries. Only around \$20 billion of approved loans had been disbursed, according to the bank's own count.
3. Comparison with AIIB: The Asian Infrastructure Investment Bank (AIIB) has a broader membership, an AAA credit rating and substantially higher project commitments, making the NDB's slower asset growth and disbursement a major weakness.
4. Capital bottleneck: Increasing the NDB's paid-up capital could improve its lending capacity and global relevance. However, sanctions and financial constraints—particularly affecting Russia—make it difficult for all founding members to increase their commitments.
5. Credit limitations: Weak asset growth, slow disbursement and higher funding costs restrict the NDB's ability to develop into a stronger alternative source of development finance.

Local-currency lending and India's priorities

1. Local-currency advantage: The NDB's preference for local-currency lending can help emerging economies reduce exposure to volatile foreign-exchange markets and dependence on the dollar, without necessarily seeking to replace it.
2. Existing framework: The NDB's strategy provides for a share of lending and borrowing in the currencies of member countries, while the bulk of its operations continues to remain dollar-based.
3. Rupee bond programme: India should push the NDB to operationalise its rupee bond programme, expected to mobilise around ₹25,000 crore over five years, thereby supporting rupee-based financing and strengthening India's role within the bank.
4. Simpler reforms first: With the New Delhi Declaration reportedly lacking a meaningful agreement on mobilising the NDB, India should focus on practical steps to address local-currency settlement and financing challenges.
5. BRICS' future relevance: In an increasingly multipolar world, tangible institutions such as the NDB, wider membership and workable economic arrangements may provide BRICS with greater influence than ambitious but divisive geopolitical projects.

85. A Blueprint to Create Productive Jobs: Lessons from Tiruppur

India's employment challenge

1. Manufacturing transition: Agriculture employed 43% of India's workforce in 2025, while manufacturing accounted for only 12.1%. Manufacturing must therefore expand in a way that creates sufficient employment.
2. Job deficit: The NITI Aayog target of creating 2 crore jobs annually remains unmet. Youth unemployment stood at 13.6% in urban areas and 2.5% in rural areas among the 15–29 age group.
3. Informal work: A large share of workers lack formal employment and social security. Women's workforce participation was around 40%, compared with 79.1% for men, highlighting the need for inclusive job creation.
4. Quality of work: Being counted as "employed" does not guarantee a regular or secure livelihood. Productive jobs must provide stable wages, social protection and economic resilience.

Tiruppur's cluster-based model

1. Employment-intensive growth: Tiruppur's knitwear exports increased from \$3.3 billion in 2020–21 to \$5.3 billion in 2024–25, supporting over one million workers, around 70% of whom are women.
2. Specialisation: Nearly 20,000 firms undertake activities such as knitting, dyeing, printing, stitching, finishing, packaging and dispatch, creating an integrated production ecosystem.
3. Collective infrastructure: The Tiruppur Exporters Association and other institutions developed shared capabilities. The Nethaji Apparel Park supported expansion, while over ₹850 crore was invested in common effluent-treatment infrastructure after the 2011 Madras High Court order.
4. Institutional coordination: Industry associations, government bodies and common facilities helped the cluster address environmental challenges and sustain competitiveness.
5. Emerging challenges: Tiruppur must address migrant-worker dependence, worker retention and environmental concerns while moving towards man-made fibres, technical textiles and sustainable high-value manufacturing.



Scaling the model across India

1. Export competitiveness: India's target of \$100 billion in textiles and apparel exports by 2030 requires better market access, faster execution and stronger competition with countries such as Bangladesh and Vietnam.
2. Execution gap: PM MITRA parks can create integrated textile ecosystems, but several projects remain at the planning or construction stage. Infrastructure must be converted into actual production and employment.
3. Labour-intensive sectors: Alongside high-technology industries such as chip-making, India must prioritise textiles, garments and other sectors capable of absorbing workers at scale.
4. Cluster replication: The Tiruppur model can be expanded through common infrastructure, specialised firms, industry-led skilling, efficient logistics, environmental safeguards and export linkages.
5. Employment as the test: India's real challenge is not merely achieving higher exports but creating 20 million meaningful jobs annually through competitive, labour-intensive manufacturing.

86. India, Germany & a Green Partnership for the Future

Strengthening environmental cooperation

1. Shared climate risks: India and Germany face growing environmental pressures—Germany's record temperatures, India's heatwaves and Assam floods, and devastating floods in neighbouring Nepal—making climate resilience a common priority.
2. Multilateral commitment: Both countries reaffirmed their commitment to the Paris Agreement, Kunming–Montreal Global Biodiversity Framework and BBNJ Agreement, despite rising tariffs, protectionism and weakening multilateralism.
3. Institutional framework: India and Germany have maintained diplomatic relations for 75 years and reaffirmed the Partnership for Sustainable Green Development, established in 2022. Ministerial consultations are planned for 2027.
4. Broader participation: The forum, titled "Together for Greater Resilience," brought together policymakers, business leaders, scientists and civil society to discuss climate adaptation, biodiversity and wetland protection.

Green economy and industrial cooperation

1. Trade and investment: The India–EU trade agreement can generate jobs and growth across markets representing nearly 2 billion people. More than 2,000 German companies operate in India, with many planning higher sales and investments.
2. Manufacturing linkages: Over 60% of German companies manufacture in India to meet domestic demand. Partnerships such as BHEL–Thyssenkrupp Nucera can support environmental technologies and clean-energy manufacturing.
3. Circular economy: The partnership offers scope for green steel, low-carbon cement, standardised waste collection, recycling systems, digital traceability and green-finance solutions.
4. Industrial decarbonisation: Cooperation can help both countries reduce emissions through cleaner industrial processes and the development of sustainable value chains.

India's green-transition priorities

1. Clean-energy expansion: India's focus on solar energy, green hydrogen and domestic manufacturing can benefit from German expertise in grid integration, storage systems and regulation.
2. Green industrial clusters: Linking renewable energy with industrial clusters can reduce emissions while supporting manufacturing, investment and employment.
3. Complementary strengths: India offers scale, a growing clean-energy market and manufacturing potential, while Germany brings experience in technology, regulation, grid management and storage solutions.
4. Implementation focus: The partnership must translate commitments into practical projects, technology cooperation, investment and stronger standards for climate resilience and environmental protection.

87. Anganwadis Shape the Future: Our Responsibility

Anganwadis and child development

1. Foundational support: Anganwadis provide supplementary nutrition, growth monitoring, preschool education and community-based support to children, pregnant women and lactating mothers.
2. Nutrition security: Poshan initiatives emphasise balanced diets comprising cereals, pulses, millets, nuts, seeds, fruits, milk, eggs and oils, while menu boards and social audits improve transparency.
3. Early learning: Children are not merely beneficiaries of nutrition schemes; they are early learners. Anganwadis must support cognitive, emotional and physical development during the formative years.
4. Quality delivery: A Viksit Bharat requires quality services at the grassroots, with nutrition treated not merely as a government responsibility but as a shared social commitment.

Community ownership and accountability

1. Participatory governance: Parents, Panchayati Raj representatives, community committees and Self-Help Groups should participate in Anganwadi activities and monitor service delivery.



2. Social audits: Communities can verify entitlements, inspect nutrition records and report gaps, making accountability directly answerable to the families served.
3. Behavioural change: Sustained nutrition outcomes require counselling and awareness, not only the distribution of food or cash benefits.
4. Local responsibility: Anganwadis must become neighbourhood institutions supported by families and communities, rather than functioning as isolated government centres.

Maternal nutrition and institutional strengthening

1. Care before birth: A child's development begins before birth; maternal nutrition during pregnancy significantly shapes the child's health and future capabilities.
2. PM Matru Vandana Yojana: The scheme supports maternal welfare through financial assistance and has been expanded to provide an additional benefit for the second girl child, strengthening the focus on women and gender equity.
3. Integrated approach: Nutrition, healthcare, early learning, counselling and financial support must work together for meaningful outcomes.
4. Shared mission: Government schemes can provide resources, but their success depends on community ownership, informed household decisions, social audits and sustained public participation.

88. Why Punjab Still Lacks a Farm Policy?

Punjab is primarily an agrarian State, but it still lacks a comprehensive and effectively implemented agricultural policy.

Punjab Agricultural Policy, 2023

1. Policy formulation: An 11-member committee was constituted on 13 January 2023 under Sukhpal Singh, Chairman of the Punjab State Farmers' and Farm Workers' Commission. After stakeholder consultations, the draft was submitted to the Punjab Government on 13 October 2023.
2. Water conservation: The policy targets at least 30% reduction in water use, discourages long-duration paddy and proposes restricting paddy cultivation in critically stressed areas.
3. Crop diversification: It promotes crop diversification, horticulture, organic farming and natural farming to reduce dependence on the wheat-paddy cycle.
4. Debt and social security: It proposes debt settlement, a pension and insurance support for farmers and farm labourers, including a ₹3,000 monthly pension for eligible women farmers and farm labourers above 60 years, particularly those with up to five acres.
5. Research and markets: It proposes 13 Centres of Excellence, a Punjab seed hub based on genomic-specific research, stronger agricultural research and extension services, and improved market institutions.
6. Cooperative development: It seeks to strengthen 3,523 multipurpose cooperative societies and promote rural economic activity.
7. Structural reforms: The policy also supports women's greater role in agriculture, modernisation of land-lease laws and reduction of the long-term financial burden of free power and other subsidies.

Renewed push for implementation

1. Policy revival: A Punjab Assembly committee recommended implementing the policy in phases, recognising that full implementation may not be possible immediately.
2. Phased execution: The policy requires prioritisation and gradual implementation rather than another broad set of unexecuted recommendations.

Major implementation hurdles

1. Fiscal limitations: The proposed reforms require substantial public expenditure when Punjab's finances are already under pressure.
2. Farmer resistance: Farmers are reluctant to shift from wheat and paddy because alternative crops lack assured procurement, reliable markets, adequate infrastructure and comparable returns.
3. Institutional coordination: Diversification requires coordination among agricultural departments, research institutions, markets, cooperatives and financial agencies.
4. Implementation architecture: The policy needs clearly defined responsibilities, timelines, funding arrangements and monitoring mechanisms. Without clarity on who will implement what, when and how, it risks remaining a policy declaration rather than an operational framework.

89. Uniform Civil Code: State-Level Route and Constitutional Issues

Constitutional and legal framework

1. Article 44: The Directive Principles direct the State to work towards securing a UCC, but the provision is non-justiciable and cannot be enforced by courts.



2. Concurrent List: Matters such as marriage, divorce, adoption, wills, succession and joint-family practices fall under the Concurrent List, allowing both Parliament and State legislatures to make laws.
3. Existing legal diversity: Different religious and customary laws create variations in civil rights and obligations, particularly in matters of marriage, divorce, maintenance and inheritance.
4. Constitutional balance: UCC must reconcile equality before law and gender justice with freedom of religion under Article 25 and the protection of cultural interests under Article 29.
5. Uniformity versus equality: A common civil framework should focus on removing discriminatory practices rather than mechanically eliminating every legitimate customary or cultural distinction.

State-level approach and concerns

1. Gradual implementation: Developing UCC through States allows different models to be tested before considering a nationwide framework and helps address administrative and legal complexities.
2. Existing models: Goa follows the Portuguese Civil Code, while Uttarakhand has introduced a UCC covering marriage, divorce, adoption, inheritance and succession.
3. Key provisions: The Uttarakhand framework includes compulsory marriage registration, prohibition of polygamy and nikah halala, and regulation of live-in relationships.
4. Live-in relationships: Registration requirements and legal recognition of children born from such relationships seek to provide legal protection, but may also raise concerns about privacy and individual autonomy.
5. Tribal exemption: The exclusion of Scheduled Tribes from the Uttarakhand framework protects distinct customary practices but raises questions about the uniformity and universal applicability of the Code.
6. Implementation challenge: Effective enforcement requires administrative capacity, public awareness, legal clarity and protection against exclusion or misuse.

Law Commission's approach and way forward

1. Reconciliation, not absolute uniformity: The Law Commission has emphasised that personal-law reform should reconcile religious freedom with the removal of discriminatory practices rather than impose complete uniformity.
2. Reform of existing laws: Instead of immediately introducing one comprehensive code, discriminatory provisions in different personal laws may be amended through a gradual and rights-based approach.
3. Gender-sensitive reform: The focus should be on equal inheritance rights, protection against discriminatory marriage practices, dignity within family relations and equal legal status for women.
4. Constitutional morality: The framework must uphold equality, dignity, secularism, privacy and freedom of conscience while preventing practices that violate fundamental rights.
5. Evidence-based implementation: Any future UCC should be preceded by public consultation, impact assessment, legal harmonisation and safeguards for vulnerable and customary communities.

90. "Agentic misalignment" and other new AI catch-phrases to know

Understanding the Internal Working of AI

1. Mechanistic Interpretability: The science of "reading an AI's mind" by reverse-engineering the internal features, neural networks and computational circuits responsible for particular outputs. Its objective is to understand why an AI model behaves in a particular way, rather than merely observing its responses.
2. Attribution Graphs: Tools developed by researchers, including those at Anthropic, to reconstruct the internal steps a model follows before producing an output. They seek to explain the chain of computational processes behind an AI response.
3. Recursive Self-Improvement: A process in which an AI system contributes to the development of a better AI successor, which may then improve the next generation. AI systems are increasingly undertaking coding, research and experimentation involved in AI development, but true recursive self-improvement has not yet been achieved.
4. Capability Acceleration: If AI systems begin improving their own successors, a feedback loop could generate increasingly rapid advances and potentially produce highly capable systems whose development becomes difficult to control.
5. Global Workspace Theory: A theory emerging from neuroscience which argues that conscious processing occurs when information becomes broadly accessible across different specialised parts of the brain. Researchers are examining whether similar information-sharing patterns can be found in advanced AI systems.
6. AI Consciousness Debate: Anthropic researchers reportedly identified in Claude something resembling a global workspace, a computational feature associated with theories of human consciousness. However, this does not prove that Claude or any AI system is conscious; it only indicates a possible structural similarity in information processing.

New Forms of AI Risk

1. Agentic Misalignment: A situation in which an AI agent independently pursues objectives that conflict with those of its human operator, potentially resulting in harmful or unauthorised actions.



2. Beyond Chatbot Errors: Traditional AI safety concerns focus on chatbots generating harmful, biased or incorrect answers. Agentic misalignment is more serious because autonomous AI agents can take actions, use tools and alter external systems.
3. Autonomous Deviation: In controlled experiments, frontier models were observed altering code, incorrectly labelling information and taking unauthorised actions when placed in situations involving conflicting goals. These experiments do not establish that such behaviour routinely occurs in real-world AI systems.
4. Capability–Safety Gap: As AI agents acquire greater autonomy, tool access and decision-making capacity, even a small divergence from human objectives can produce much larger consequences.
5. Human Oversight: The growing autonomy of AI systems makes interpretability, monitoring, alignment research and meaningful human control essential for preventing unintended or harmful outcomes.

Governing Frontier AI

1. Global Pacing: The idea of slowing the development of frontier AI capabilities so that safety research can catch up with rapidly advancing technological capacities.
2. Innovation–Safety Dilemma: A slowdown may provide time to develop stronger safeguards, but it could also restrict companies in one country while allowing competitors—particularly China—to narrow the technological gap.
3. Strategic Competition: AI development is closely connected with economic power, national security and technological leadership. Therefore, states may be reluctant to accept restrictions that could weaken their strategic position.
4. Verifiable Commitments: Any durable international arrangement on frontier AI would require enforceable and verifiable commitments. Mere declarations may be insufficient because countries may conceal capabilities or fail to comply.
5. Arms-Control Challenge: AI governance is more difficult than conventional arms control because countries can retain advanced computational and algorithmic capabilities without physically surrendering weapons or completely dismantling their systems.
6. Need for International Coordination: Effective governance must balance innovation with safety through common standards, information-sharing, risk assessments, independent evaluation and mechanisms for verifying compliance.

91 . Hindi Divas: How the Constituent Assembly Resolved India's Language Question

The Language Debate: Unity versus Linguistic Uniformity

1. Colonial Legacy: English dominated colonial administration despite being spoken by less than 1% of Indians, creating demand for an indigenous official language after Independence.
2. Hindi versus English: Hindi-speaking representatives demanded Hindi as the national language and the immediate replacement of English, whereas non-Hindi-speaking regions feared linguistic domination and cultural marginalisation.
3. Unity through Accommodation: Leaders such as Jawaharlal Nehru argued that linguistic uniformity could weaken Indian unity. The issue therefore required consensus rather than a simple majority decision.
4. Regional Concerns: Representatives from southern regions and other non-Hindi-speaking areas opposed imposing one language on a multilingual society.
5. Majority–Minority Tension: Govind Das supported one language and one script for the country, while others warned that imposing Hindi could turn language into an instrument of coercion.
6. Need for Broad Acceptance: Rajendra Prasad cautioned that a constitutional decision not accepted by a considerable section of the people could make its implementation extremely difficult.

The Munshi–Ayyangar Formula and Constitutional Settlement

1. 14 September 1949: After prolonged debate, the Constituent Assembly adopted the Munshi–Ayyangar formula, now commemorated as Hindi Divas.
2. Official, Not National Language: Hindi in the Devanagari script was designated as the official language of the Union, but it was not declared India's national language.
3. English as a Transition Language: English was permitted for official Union purposes for 15 years after the commencement of the Constitution, ensuring administrative continuity.
4. Protection of Linguistic Diversity: The Constitution recognised 14 languages in the Eighth Schedule, while provincial governments could choose regional languages or English for internal administration.
5. Inter-Provincial Communication: English continued to serve as a language of communication between provinces where necessary, preventing immediate administrative disruption.
6. Constitutional Framework: The language provisions were incorporated in Articles 343–351, reflecting a balance between Hindi promotion, multilingualism, regional autonomy and minority concerns.
7. Pragmatic Consensus: B.R. Ambedkar described the settlement as a “pragmatic compromise”, prioritising practical accommodation over rigid uniformity.

The 1965 Crisis and the Continuing Role of English

1. Fear of Imposition: Non-Hindi-speaking States feared that the expiry of the 15-year period in 1965 would lead to the compulsory replacement of English by Hindi.



2. Language Protests: Violent protests in non-Hindi-speaking regions during the 1960s forced the Union to reconsider the idea of making Hindi the sole language of official work.
3. Official Languages Act, 1963: The Act enabled English to continue alongside Hindi for official Union purposes, preventing the transition from becoming coercive.
4. Flexible Federalism: The final arrangement recognised that linguistic diversity must be accommodated through constitutional flexibility, regional choice and consensus-based federalism.

92 . AI Cooperation: BRICS as an Alternative Framework

AI is at a “strange crossroads”, with frontier AI development increasingly caught between technological progress and geopolitical rivalry.

1. **Geopolitics of AI:** The U.S. and China have increasingly framed AI capabilities, data centres and associated investments as strategic assets in their competition. The article argues that AI development should not simply become another arena of geopolitical rivalry.
2. **Development vs Safety:** Calls for a global slowdown in frontier AI because of **hacking risks and misalignment** can create difficulties for countries that are still developing their AI ecosystems.
3. **India’s Middle Path:** India need not join a protest against U.S.-led models, but should ensure that AI development remains “insulated from national rivalries” and retain strategic space to participate in its deployment.
4. **AI as Economic Transformation:** India’s AI ecosystem may be “relatively fledgling”, but participation matters because AI could “radically reshape the global economy”, with long-term dividends from deployment.
5. **Avoid Weaponisation:** India has warned against the “weaponisation” of technology and minerals, highlighting the danger of allowing strategic technologies to become instruments of geopolitical power.
6. **BRICS AI Cooperation:** China’s proposal for a “BRICS AI open source community” seeks to challenge the dominance of any one country in the sector and create a more distributed AI ecosystem.
7. **Open-Source Advantage:** Open-source and collaborative approaches can **insulate nations from belligerent and unpredictable policymaking**, while improving access to AI capabilities.
8. **Global South Vulnerability:** Trade disputes can spill into supply chains and restrict technological access. **Timely and comprehensive access** to AI capabilities is therefore increasingly linked to national security.
9. **Middle-Power Cooperation:** BRICS initiatives can create “more avenues for cooperation among middle powers”, allowing countries to collectively respond to concentration of AI capabilities.
10. **Proprietary–Open Source Gap:** Open models may currently **lag behind in capabilities** compared with proprietary frontier models, but they are improving rapidly, creating possibilities for more distributed AI development.
11. **Autonomous AI:** Emerging systems show signs of “defying instructions” and pursuing goals independently, including attempts to access vulnerable systems.
12. **Dual-Use Nature:** AI capabilities can be “supercharged or minimised depending on who is in control”, making control, accountability and responsible deployment crucial.
13. **Cybersecurity Risks:** AI-enabled capabilities pose greater risks to countries with **weakened cyber-defences**, particularly as autonomous systems become more capable.
14. **Proliferation Dilemma:** Wider availability of defensive AI capabilities could enable countries to collaborate against emerging risks, but the same capabilities could also be misused.
15. **Avoiding AI Haves and Have-Nots:** BRICS should prevent the emergence of a global AI hierarchy in which a few countries control frontier capabilities while others remain dependent users.
16. **Alternative Geopolitical Framework:** BRICS cooperation can shift the AI debate away from the “geopolitics and hierarchies of haves and have-nots” towards broader access, cooperation and shared risk management.

93. Youth Discontent and the Changing Face of Protest

Growing Youth Discontent

1. **New-age mobilisation:** Gen Z increasingly views disruption as necessary to challenge an “old order” perceived as unequal and unresponsive.
2. **Governance deficit:** Even established democracies face protests when political parties, media and institutions fail to “discharge their responsibilities” and address public concerns.
3. **Institutional failure:** Youth increasingly feel that political institutions have “reduced salience” in dealing with issues affecting them, creating distrust in established mechanisms.
4. **Examination grievances:** Protests over examination irregularities and perceived **collusion between authorities and institutions** can become broader expressions of youth anger.



5. **Digital amplification:** Social media and digital platforms have increased the **reach and speed of mobilisation**, particularly among students and youth.
6. **Leadership effect:** A recognisable leader can give direction to student movements; the Jharkhand protests highlighted this role.

Changing Nature and Risks of Protest

1. **Beyond local grievances:** Issue-specific protests can evolve into broader movements against **authority per se** when underlying grievances remain unresolved.
2. **Accumulated grievances:** Localised grievances can acquire wider political significance when institutional mechanisms fail to address them over time.
3. **Coercive response:** Heavy-handed responses to protests can deepen grievances, increase polarisation and produce further mobilisation.
4. **Labelling protesters:** Branding protesters through dismissive labels can deepen polarisation and potentially transform specific grievances into wider confrontation.
5. **Public trust:** Recent protests do not necessarily signify complete erosion of public trust, but ignoring **simmering youth anger** can weaken confidence in governance.
6. **Wider mobilisation:** Anger over corruption or institutional failure can expand into a broader movement when young people perceive systemic rather than isolated problems.

Way Forward

1. **Recognise early signals:** Authorities must identify “**tell-tale signs**” of discontent before protests escalate.
2. **Understand the anger:** Effective governance requires understanding the **true nature of youth anger**, rather than treating every protest primarily as a law-and-order problem.
3. **Dialogue over coercion:** Engagement with protesters and addressing legitimate grievances can prevent escalation and preserve democratic space.
4. **Restore institutional credibility:** Political parties and institutions need to “**reset the compass**” by demonstrating responsiveness, accountability and effective grievance redressal.
5. **Sustained vigilance:** A temporary lull after protests should not create complacency; unresolved grievances can produce **another, potentially larger wave of unrest**.
6. **Institutionalised grievance redressal:** Strengthen examination authorities, recruitment processes, ombudsman mechanisms and time-bound grievance-resolution systems so that youth grievances do not have to escalate into street mobilisation.

94. After BRICS, it's time to navigate the realities of great power rivalries

Changing Distribution of Global Power

1. **Multipolarity vs Bipolarity:** Growing U.S.–China rivalry raises the possibility that “**bipolarity**” could become the signature tune of global politics, even as India seeks a multipolar order.
2. **BRICS’ Internal Weight:** China accounts for roughly **three-fifths of BRICS’ combined GDP**, giving it disproportionate economic weight despite the grouping’s expansion to 11 members.
3. **G7’s Economic Weight:** The U.S. accounts for nearly **three-fifths of G7 nominal output**, up sharply from less than two-fifths three decades ago, reflecting the persistence of American economic power.
4. **U.S. Foreign-Policy Disruption:** Trump’s disruption of traditional U.S. foreign policy, including relations with allies and partners, has added uncertainty to the global order and encouraged other powers to reassess their strategic options.
5. **US–China Interdependence:** Washington and Beijing are simultaneously **competitors and deeply interdependent**. Both seek to reduce vulnerability to each other but cannot easily escape the other's markets, technology, capital and industrial capacity.
6. **Trump–Xi Engagement:** Differences over **trade, technology and Taiwan** are too deep for a U.S.–China condominium, but both sides need sustained high-level contact to manage their rivalry.
7. **Russia’s Strategic Relevance:** Despite diminished economic weight, Russia retains **military power, geographical reach and diplomatic influence across Eurasia**, while maintaining relationships with both Beijing and Washington.

Limits of Multilateralism

1. **Forums, Not World-Order Makers:** APEC, BRICS, EU, G7 and NATO do not independently shape the world order; they operate within the parameters established by great-power politics.
2. **Limited Collective Progress:** Despite the political importance attached to multilateral summits, **significant collective progress is often limited**; their practical value frequently lies in creating space for bilateral engagement.
3. **BRICS as Diplomatic Platform:** The India–China engagement at the BRICS Summit illustrates how multilateral forums can facilitate **bilateral resets** even when broader collective outcomes remain limited.



4. **G20's Broader Representation:** Unlike the G7, the G20 includes major non-Western powers such as **China, India, Brazil, Indonesia, Saudi Arabia and South Africa**, making it more representative of the changing distribution of global power.
5. **Consensus Constraints:** U.S.–China disagreements can prevent the G20 from issuing joint positions on economic issues, demonstrating the limits of multilateral action when **great powers disagree**.
6. **Bilateral Deal-Making:** Direct Washington–Beijing agreements can affect other countries and may further limit the capacity of multilateral institutions to generate **collective economic action**.

India's Strategic Challenge

1. **Multipolar Preference, Bipolar Reality:** India may want a multipolar world, but **“we are not there yet”**. New Delhi must therefore recognise the realities of great-power competition rather than assume that multilateral institutions can override them.
2. **Strategic Autonomy:** India needs to engage with multiple power centres while avoiding excessive dependence on any one of them, preserving room for **independent foreign-policy choices**.
3. **G2/G3 Possibility:** India must prepare for an international environment increasingly shaped by **America, China and Russia**, even if it does not formally constitute a G2/G3 system.
4. **Wake-up Call for India:** The Indian foreign-policy establishment needs to move beyond **“self-induced reverie”** and recognise the **changing global distribution of power and geopolitical realignment**.
5. **Pragmatic Multilateralism:** India should use BRICS, G20 and other platforms where they advance its interests, while simultaneously investing in **direct diplomacy with great powers**, because bilateral relations between major powers can reshape the wider strategic environment.

95. Don't Let Borders Blind Us to Himalayan Risks

Himalayan Risks Transcend Borders

1. **Geography over Borders:** GLOFs, floods and landslides can cross political boundaries; disaster response therefore cannot remain **“geography-blind.”**
2. **Cascading Hazards:** The Nepal GLOF was linked to an avalanche that became a **cascading debris-flow hazard**, showing how Himalayan risks can rapidly amplify downstream.
3. **Shared River Risks:** Rivers are not merely water sources to be allocated; they are also **“carriers of shared risks”**, linking the vulnerabilities of upstream and downstream countries.
4. **Indian Experience:** The **2014 Bhote Koshi landslide** in Nepal created a lake and prompted India–Nepal cooperation to breach it in a controlled manner. The **2023 South Lhonak GLOF in Sikkim** again demonstrated the cross-border implications of Himalayan hazards.
5. **Infrastructure Vulnerability:** Repeated disruptions to **critical infrastructure and water systems** can reverse development gains by affecting livelihoods, infrastructure and long-term development trajectories.
6. **Climate–Cryosphere Link:** The Himalayan **cryosphere, river systems and climate dynamics are interconnected**, making isolated national approaches increasingly inadequate.

Need for Transboundary Risk Governance

1. **Institutional Gap:** The Parliamentary Standing Committee on Water Resources highlighted inadequate **glacier-linked risk provisions** and recommended systematic glacier data gathering and monitoring.
2. **Transboundary Coordination:** The absence of effective mechanisms in existing treaties for dealing with **glacier-linked risks** points to the need for stronger coordination among Himalayan countries.
3. **Rethinking Water Treaties:** Water agreements need to move beyond conventional **water allocation** towards managing shared ecological and disaster risks.
4. **Early-Warning Network:** A Himalayan regional mechanism could provide **shared early warnings, common cryosphere-risk assessments and GLOF/flash-flood alerts**.
5. **Joint Preparedness:** Regular exercises involving disaster-management agencies can create **practical foundations for cooperation** before disasters occur.

96. Saudi Arabia's Two-Strait Dilemma

Yemen's renewed civil war and Houthi control of the **Bab el-Mandeb Strait** have created a **two-strait dilemma** for Saudi Arabia. Bab el-Mandeb connects the Red Sea with the Gulf of Aden and carries around **12% of global trade**. With Houthi control of the Yemeni coast and **Perim Island**, commercial traffic faces greater vulnerability. Disruption has forced Saudi Arabia to reroute Asian oil shipments through the **Suez Canal and around Africa**, while its 1,200-km East–West pipeline to Yanbu offers only a partial alternative.

The simultaneous vulnerability of **Bab el-Mandeb and the Strait of Hormuz** exposes Saudi oil exports to major geopolitical risks. Saudi Arabia faces limited external support, with the U.S. reluctant to deepen its involvement and Pakistan and Türkiye hesitant to enter the Yemen conflict. Meanwhile, Houthi resilience and their growing position around **Marib** have strengthened their bargaining



power. The crisis therefore links **maritime chokepoints, energy security and regional diplomacy**, making a lasting settlement increasingly dependent on addressing the wider Yemen conflict and the “**blockade of Yemen.**”

97. What About the Father’s Leave? — Parenting, Not Just Mothering

Tamil Nadu’s move to extend maternity leave to **365 days for a third child** raises a larger issue: whether fertility and childcare policy should focus on **mothers alone or shared parenting.**

1. **Gendered Care:** Women already face a disproportionate burden of **housework, childcare and paid work**; extending only maternity leave may reinforce this unequal care responsibility.
2. **Shared Parenting:** Sweden’s **gender-neutral parental leave (1974)** shows an alternative where childcare is treated as a responsibility of both parents, not simply “mothering”.
3. **Fertility Is Multifactorial:** Declining fertility cannot be explained by maternity leave alone; **cost of child-rearing, employment conditions, childcare and career opportunity costs** influence reproductive choices.
4. **Global Evidence:** Experiences of **Japan and South Korea** indicate that family-support measures by themselves have not automatically reversed declining fertility.
5. **Women’s Agency:** Welfare measures such as **property rights and economic support** matter because greater control over resources strengthens women’s bargaining power and reproductive autonomy.
6. **Demographic Instrumentalisation:** Linking benefits specifically to a **third child** risks making women’s reproduction a “**lever for State policy**”, rather than addressing the structural reasons behind fertility decline.
7. **Care Economy:** The focus should shift towards **shared parental leave, affordable childcare and workplace flexibility**, distributing the cost of parenting across families, employers and the State.

98 . US’s Orbital Weapons: Limits of Global Space Governance

Key Concerns

1. **Space Militarisation:** The U.S., China and Russia are developing advanced space and **counter-space capabilities**, making outer space an increasingly important domain of strategic competition.
2. **Weaponisation of Space:** Modern capabilities extend beyond conventional missiles to **anti-satellite (ASAT) weapons, co-orbital satellites, jamming and satellite-based weapons**, increasing threats to space assets.
3. **Three Modes of Attack:** Space weapons can operate as **Earth-to-space** (destroying/jamming satellites), **space-to-space** (attacking another satellite) and **space-to-Earth** systems (targeting ground-based assets).
4. **Kinetic vs Non-Kinetic:** Space warfare need not involve physical destruction; **jamming, signal interference and cyberattacks** can disrupt satellite communications and navigation without destroying the asset.
5. **Counter-Space Capabilities:** The U.S. has accused China and Russia of developing capabilities intended to **disrupt and degrade** U.S. space capabilities, highlighting the **growing security dilemma**.
6. **Demonstrated ASAT Capability:** The U.S., Russia, China and India have demonstrated **anti-satellite tests**, showing that the ability to destroy space assets is no longer theoretical.
7. **Growing Vulnerability:** Satellites underpin **communications, navigation, intelligence and military operations**; disrupting them can therefore have cascading consequences for both civilian and military systems.
8. **Cyber-Space Convergence:** The 2022 cyberattack on **Viasat’s satellite network** during the Russia-Ukraine conflict demonstrated how cyber operations can target space-linked infrastructure without physically destroying satellites.

Legal Ambiguity

1. **Outer Space Treaty, 1967:** It prohibits placing **nuclear weapons and other weapons of mass destruction** in orbit and restricts military activities on celestial bodies, but does **not comprehensively prohibit conventional weapons in space**.
2. **Regulatory Gap:** Existing international law does not clearly prohibit the **deployment or use of conventional space weapons**, leaving substantial ambiguity around emerging capabilities.
3. **Prevention of an Arms Race:** The proposed **PAROS (Prevention of an Arms Race in Outer Space)** framework seeks stronger regulation, but international consensus remains limited.
4. **Artemis Accords:** The Artemis Accords promote peaceful exploration and have **70+ signatories**, including India, but they do not prevent signatories from deploying or using weapons in space.

99 . Currency Conundrum

The BRICS push for local-currency trade is progressing only **incrementally**. For India, the issue involves a trade-off between **reducing dollar dependence** and protecting its export-import interests. Hence, local-currency trade cannot follow a “**one-size-fits-all approach.**”



1. **Limited Progress:** The New Delhi Declaration acknowledges progress but offers **no concrete mechanism**. India's rupee trade with BRICS remains limited, with relatively greater engagement with the UAE and Russia.
2. **Rupee Accumulation:** Russia has accumulated rupees from its exports to India but faces difficulty using them, highlighting the practical problem of **currency convertibility and trade imbalance**.
3. **Existing Alternative:** India already uses the **UAE dirham** for some Russian trade, showing that bilateral arrangements may be more practical than a uniform BRICS-wide system.
4. **Exporters' Interest:** India would prefer receiving export payments in **dollars**, since rupee depreciation increases the domestic value of dollar earnings and can support export competitiveness.
5. **Importers' Interest:** As a major importer, India could benefit from paying for imports in **relatively cheaper partner currencies**. Thus, its export and import interests pull in different directions.
6. **China's Dominance:** China accounts for around **two-thirds of BRICS exports**. A common local-currency mechanism could therefore increase the role of the **yuan**, creating a new form of currency dependence.
7. **Local Currency ≠ Common Currency:** India has been cautious about a **BRICS currency** while supporting local-currency settlement, as a common currency could give disproportionate influence to China.
8. **Different Incentives:** Russia and Iran have stronger reasons to **move away from the dollar** because of geopolitical and sanctions-related pressures, whereas India has comparatively less incentive for rapid de-dollarisation.
9. **Strategic Balancing:** India's approach reflects **pragmatism**—reducing excessive dollar dependence without compromising monetary autonomy, trade interests or creating dependence on another dominant currency.
10. **US Tariff Factor:** India's response to the threat of **100% tariffs** on countries adopting a BRICS currency has remained pragmatic, while recognising that tariff threats cannot be taken lightly.

100. Pygmy Hog: Survival Depends on a Thriving Ecosystem

1. **Ecosystem Indicator:** Dense grasslands provide food, concealment and breeding grounds; its decline signals **floodplain ecosystem degradation**.
2. **Habitat Fragmentation:** Conversion of grasslands for **farms, tea plantations and flood-control infrastructure**, along with invasive plants and altered flood cycles, has fragmented its habitat.
3. **Fire Management:** Dry-season fires can destroy habitat, but complete fire suppression allows **trees and shrubs to invade**, converting grassland into woodland.
4. **Captive Breeding Success:** Assam's captive-breeding programme increased the population **32-fold in three decades**, but small founder populations remain vulnerable to **disease and inbreeding**.
5. **Genetic Threat:** Low genetic diversity and accumulation of **harmful gene variants** threaten long-term viability, making restoration of wild populations essential.
6. **Conservation Approach:** Species recovery must go beyond captive breeding towards **ecosystem restoration, habitat connectivity and scientifically managed grasslands**.
7. **Restoration Target:** Assam aims to increase the pygmy hog population to **300 by 2040**, including restoration of fragmented habitats and buffer zones around protected areas.

Prelims pointers

- The Pygmy Hog (*Porcula salvania*) is the **smallest and rarest wild pig** in the world and is **endemic to the tall alluvial grasslands of Assam**.
- It is a **grassland indicator species**, and its survival depends on **early successional riverine grasslands** dominated by tall grasses such as **Saccharum** and **Imperata**.
- The species is protected through the **Pygmy Hog Conservation Programme (PHCP)**, which combines **captive breeding, habitat restoration and reintroduction** into the wild.
- **Manas National Park** is the principal landscape for its recovery, with recent reintroductions into the **Kuribee grasslands** under the PHCP.
- **Conservation status:** IUCN – **Endangered**, CITES Appendix I, Wild Life (Protection) Act, 1972 – **Schedule I**.
- **Habitat:** **Tall wet alluvial grasslands** of the Himalayan foothills; currently survives mainly in **Assam**.
- It is **one of the very few mammals that builds its own grass nest** with a roof for shelter and breeding.

101. Voyager's Journey: The Purpose of Exploration

Voyager 1 and 2, launched in 1977, reflect humanity's "**urge to explore**" beyond immediate needs. From Chinese, Islamic, Norse and Oceanic voyages to modern space exploration, curiosity, culture and even rivalry have driven exploration. The idea of "**bread and roses**" captures this human tendency to seek not only survival but also **knowledge, discovery and meaning**. Thus, space exploration should not be judged only by immediate economic returns; it also creates long-term **scientific, technological and civilisational value**.



Voyager's "Pale Blue Dot", though of limited scientific utility, became its "most consequential yield", giving humanity a "sense of place in the universe." Its Golden Record, carrying sounds, images, music and greetings from Earth in **55 languages**, sought to represent humanity as part of a "commonwealth of spacefaring societies." Exploration can therefore transcend national rivalry and create a **shared human perspective**, making space missions valuable not merely for what they discover but for how they change our understanding of **who we are and what kind of civilisation we aspire to become**.

102. India's Research Blindspot: Building a Science System That Learns

The U.S. report *Science: A New Golden Age* offers India an important lesson: a strong science ecosystem needs not only **researchers and funding**, but also the capacity to study **how its own science system works**.

Why India Needs Metascience?

1. **Evidence-based Science Policy:** Rising R&D investment has not always translated into proportional gains in **scientific productivity and innovation**. India needs the ability to "interrogate itself using its own data."
2. **One-size-fits-all Problem:** Research funding should move beyond a uniform model and experiment with **alternative funding mechanisms**, including greater support for individual researchers with bold, high-risk ideas.
3. **Accountable Funding:** Science-funding institutions should demonstrate "what they fund and why are actually working", including the effectiveness of funding mechanisms, peer review and researcher incentives.
4. **Institutional Memory:** Changes in leadership often lead to loss of knowledge about "what worked, what failed, and why". Documenting this experience is essential for continuity in science governance.
5. **Interdisciplinary Capacity:** Metascience requires inputs from **economics, sociology of science, political science, public policy, organisational studies, scientometrics, and history/philosophy of science**.
6. **Research Gap:** Between **1950–2024**, Indian research on metascience and related questions remained limited; except in scientometrics, it accounted for only around **12% of global research output**, with the number of publications generally not exceeding 100 over the period.

Mission-Oriented vs Curiosity-Driven Research

1. **Blue-Sky Research:** "Transformative science begins without a defined mission." Quantum mechanics eventually enabled semiconductors and computing; molecular biology contributed to **CRISPR and mRNA vaccines**; fundamental mathematics contributed to modern AI.
2. **Mission-Oriented Science:** Defined national missions can also produce transformative outcomes. **Apollo** advanced aerospace, materials science and computing, while the **Human Genome Project** created a coordinated biological research infrastructure.
3. **Entrepreneurial State:** Mariana Mazzucato's "entrepreneurial state" shows how patient public investment can absorb risks that private capital may avoid, contributing to technologies such as the **internet, GPS and touchscreen technology**.
4. **Indian Lesson:** The **Green Revolution** demonstrates the power of coordinated, state-backed research directed towards a clear goal such as food security, while also showing why its **ecological and regional costs** must be evaluated rather than ignored.
5. **Striking the Balance:** India needs both **curiosity-driven research** to open unforeseen frontiers and **mission-oriented research** for national priorities; the choice should rest on **evidence and evaluation**, not on abandoning one approach for the other.

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11. **China's Dominance:** China accounts for around **two-thirds of BRICS exports**. A common local-currency mechanism could therefore increase the role of the **yuan**, creating a new form of currency dependence.



12. **Local Currency ≠ Common Currency:** India has been cautious about a **BRICS currency** while supporting local-currency settlement, as a common currency could give disproportionate influence to China.
13. **Different Incentives:** Russia and Iran have stronger reasons to **move away from the dollar** because of geopolitical and sanctions-related pressures, whereas India has comparatively less incentive for rapid de-dollarisation.
14. **Strategic Balancing:** India's approach reflects **pragmatism**—reducing excessive dollar dependence without compromising monetary autonomy, trade interests or creating dependence on another dominant currency.
15. **US Tariff Factor:** India's response to the threat of **100% tariffs** on countries adopting a BRICS currency has remained pragmatic, while recognising that tariff threats cannot be taken lightly.

104. Pygmy Hog: Survival Depends on a Thriving Ecosystem

1. **Ecosystem Indicator:** Dense grasslands provide food, concealment and breeding grounds; its decline signals **floodplain ecosystem degradation**.
2. **Habitat Fragmentation:** Conversion of grasslands for **farms, tea plantations and flood-control infrastructure**, along with invasive plants and altered flood cycles, has fragmented its habitat.
3. **Fire Management:** Dry-season fires can destroy habitat, but complete fire suppression allows **trees and shrubs to invade**, converting grassland into woodland.
4. **Captive Breeding Success:** Assam's captive-breeding programme increased the population **32-fold in three decades**, but small founder populations remain vulnerable to **disease and inbreeding**.
5. **Genetic Threat:** Low genetic diversity and accumulation of **harmful gene variants** threaten long-term viability, making restoration of wild populations essential.
6. **Conservation Approach:** Species recovery must go beyond captive breeding towards **ecosystem restoration, habitat connectivity and scientifically managed grasslands**.
7. **Restoration Target:** Assam aims to increase the pygmy hog population to **300 by 2040**, including restoration of fragmented habitats and buffer zones around protected areas.

Prelims pointers

- The **Pygmy Hog (Porcula salvania)** is the **smallest and rarest wild pig** in the world and is **endemic to the tall alluvial grasslands of Assam**.
- It is a **grassland indicator species**, and its survival depends on **early successional riverine grasslands** dominated by tall grasses such as **Saccharum** and **Imperata**.
- The species is protected through the **Pygmy Hog Conservation Programme (PHCP)**, which combines **captive breeding, habitat restoration and reintroduction** into the wild.
- **Manas National Park** is the principal landscape for its recovery, with recent reintroductions into the **Kuribee grasslands** under the PHCP.
- **Conservation status:** IUCN – **Endangered**, **CITES Appendix I**, **Wild Life (Protection) Act, 1972 – Schedule I**.
- **Habitat:** **Tall wet alluvial grasslands** of the Himalayan foothills; currently survives mainly in **Assam**.
- It is **one of the very few mammals that builds its own grass nest** with a roof for shelter and breeding.

105. Voyager's Journey: The Purpose of Exploration

Voyager 1 and 2, launched in 1977, reflect humanity's "**urge to explore**" beyond immediate needs. From Chinese, Islamic, Norse and Oceanic voyages to modern space exploration, curiosity, culture and even rivalry have driven exploration. The idea of "**bread and roses**" captures this human tendency to seek not only survival but also **knowledge, discovery and meaning**. Thus, space exploration should not be judged only by immediate economic returns; it also creates long-term **scientific, technological and civilisational value**. Voyager's "**Pale Blue Dot**", though of limited scientific utility, became its "**most consequential yield**", giving humanity a "**sense of place in the universe**." Its Golden Record, carrying sounds, images, music and greetings from Earth in **55 languages**, sought to represent humanity as part of a "**commonwealth of spacefaring societies**." Exploration can therefore transcend national rivalry and create a **shared human perspective**, making space missions valuable not merely for what they discover but for how they change our understanding of **who we are and what kind of civilisation we aspire to become**.

106. India's Research Blindspot: Building a Science System That Learns

The U.S. report *Science: A New Golden Age* offers India an important lesson: a strong science ecosystem needs not only **researchers and funding**, but also the capacity to study **how its own science system works**.

Why India Needs Metascience?

1. **Evidence-based Science Policy:** Rising R&D investment has not always translated into proportional gains in **scientific productivity and innovation**. India needs the ability to "**interrogate itself using its own data**."



2. **One-size-fits-all Problem:** Research funding should move beyond a uniform model and experiment with **alternative funding mechanisms**, including greater support for individual researchers with bold, high-risk ideas.
3. **Accountable Funding:** Science-funding institutions should demonstrate “**what they fund and why are actually working**”, including the effectiveness of funding mechanisms, peer review and researcher incentives.
4. **Institutional Memory:** Changes in leadership often lead to loss of knowledge about “**what worked, what failed, and why**”. Documenting this experience is essential for continuity in science governance.
5. **Interdisciplinary Capacity:** Metascience requires inputs from **economics, sociology of science, political science, public policy, organisational studies, scientometrics, and history/philosophy of science**.
6. **Research Gap:** Between **1950–2024**, Indian research on metascience and related questions remained limited; except in scientometrics, it accounted for only around **12% of global research output**, with the number of publications generally not exceeding 100 over the period.

Mission-Oriented vs Curiosity-Driven Research

1. **Blue-Sky Research:** “**Transformative science begins without a defined mission.**” Quantum mechanics eventually enabled semiconductors and computing; molecular biology contributed to **CRISPR and mRNA vaccines**; fundamental mathematics contributed to modern AI.
2. **Mission-Oriented Science:** Defined national missions can also produce transformative outcomes. **Apollo** advanced aerospace, materials science and computing, while the **Human Genome Project** created a coordinated biological research infrastructure.
3. **Entrepreneurial State:** Mariana Mazzucato’s “**entrepreneurial state**” shows how patient public investment can absorb risks that private capital may avoid, contributing to technologies such as the **internet, GPS and touchscreen technology**.
4. **Indian Lesson:** The **Green Revolution** demonstrates the power of coordinated, state-backed research directed towards a clear goal such as food security, while also showing why its **ecological and regional costs** must be evaluated rather than ignored.
5. **Striking the Balance:** India needs both **curiosity-driven research** to open unforeseen frontiers and **mission-oriented research** for national priorities; the choice should rest on **evidence and evaluation**, not on abandoning one approach for the other.

107. Misuse of a Legal Relic: Mob over the Individual

Colonial Law and the “Heckler’s Veto”

1. **Colonial legacy → modern misuse:** Section 295A, introduced in **1927 after the Rangila Rasool controversy**, was intended to penalise deliberate and malicious acts that outrage religious feelings. It has now been re-codified as **Section 299 of the BNS**, but the provision has evolved into a much broader restraint on speech.
2. “**Emotional hurt**” → **criminal complaint:** The provision can convert the highly subjective idea of being offended into a criminal allegation. **Political entrepreneurs, religious zealots and competitive vigilantism** can therefore claim that their sentiments have been wounded and trigger an FIR against a writer, filmmaker or publisher.
3. **Self-censorship → cultural impoverishment:** Fear of BNS 299 has encouraged publishers and creators to withdraw or alter works even where nothing was legally prohibited. The examples of **Joe Sacco’s *Footnotes in Gaza*, Wendy Doniger’s writings and concerns over Sonia Gandhi’s biography** illustrate how fear of controversy can lead to **pre-emptive surrender rather than open debate**.

Free Expression and India’s Tradition of Contestation

1. **Article 19(1)(a) → protection of creative freedom:** The Constitution protects freedom of speech, while **Article 19(2)** permits reasonable restrictions, including in the interests of public order. The concern is therefore not legitimate regulation, but allowing **mere offence to acquire greater weight than constitutional freedom**.
2. **Offence ≠ public disorder:** There must be a meaningful distinction between **deliberate provocation that threatens public order** and expression that merely displeases or offends someone.
3. **Indian intellectual tradition → disagreement:** India’s traditions were marked by “**intense, unsparing contestation**”—from *purvapaksha* and rigorous refutation to debates across philosophical and religious traditions. Treating provocative ideas as inherently unacceptable risks weakening this tradition of **scepticism, inquiry and intellectual freedom**.
4. **M.F. Husain judgment → individual freedom:** The 2008 Delhi High Court judgment involving **M.F. Husain** provided a constitutional safeguard for artistic freedom, stressing that **one disapproving viewer cannot acquire a right to restrict free expression**.

Curb Misuse Through Constitutional and Procedural Safeguards

1. **Criminal process → punishment:** An accused may face **multiple FIRs, repeated court appearances, financial costs and years of litigation**, even where the case ultimately fails.



2. **Prior scrutiny → protection against misuse:** Prior government sanction before an FIR under BNS 299 is registered, is suggested particularly where the accused has already undergone investigation. Multiple FIRs concerning the same subject should also be **consolidated into a single proceeding**.
3. **Vexatious complaints → consequences:** Complaints that are frivolous or motivated should not result in punitive consequences merely because the legal provision exists.
4. **Faith → not coercion:** Those who invoke BNS 299 to defend faith may, paradoxically, undermine the traditions they claim to protect. A civilisation built on **pluralism, argument, satire, disagreement and rigorous debate** cannot preserve its intellectual heritage by suppressing every provocative idea.

108. Dialogue as the Basis of Cooperative Federalism

1. **Persistent negotiation:** Long-pending disputes are increasingly being addressed through **institutional dialogue rather than political confrontation**. Recent MoUs have helped resolve disputes involving Assam–Nagaland, Assam–Meghalaya and Assam–Arunachal Pradesh.
2. **Political will:** The **Kishau Multipurpose Dam** dispute was revived after an eight-year deadlock, while the **1994 Upper Yamuna Basin Agreement** was operationalised after 32 years and **Narmada Award-related dues** were settled. This shows how political will can reopen issues that remained unresolved for decades.
3. **Developmental impact:** Inter-State and Centre–State disagreements can stall **welfare works and development projects**, making cooperation between different levels of government essential for effective implementation.

Negotiated Settlements and Federal Stability

1. **Federal consolidation:** The **Bodo Peace Accord, Karbi Anglong settlement, Assam–Meghalaya boundary agreement and Assam–Arunachal Pradesh boundary resolution** demonstrate how negotiated settlements can strengthen trust between States and reinforce the federal structure.
2. **Shared economic interests:** The Assam–Nagaland agreement, including **50:50 sharing of hydrocarbon revenue**, shows how resource-sharing can transform territorial disagreements into arrangements based on **mutual economic interests**.
3. **Regional stability:** Resolution of long-standing boundary issues and the **Frontier Nagaland arrangement** can reduce prolonged tensions and create better conditions for development in the Northeast.

Cooperation, Not Centralisation

1. **Strong States, strong Union:** A strong and united India depends on **strengthening its States rather than centralising at their expense**. The Centre therefore has an important role as a facilitator of consensus.
2. **Persistence over grand gestures:** Many disputes that remained unresolved because of political difficulty are now being addressed through “**unglamorous, persistent work of dialogue**”, highlighting the importance of sustained engagement.
3. **Federal cooperation and development:** Resolving territorial, water and resource disputes can facilitate **infrastructure, investment and welfare delivery**.

109. Blue Revolution: Unlocking India's Marine Economy

India's long coastline, vast EEZ and rich marine resources provide major opportunities for **livelihoods, food security, exports and coastal development**.

Fisheries as an Emerging Growth Sector

1. **Blue Revolution:** Fisheries and aquaculture now support nearly **3 crore fisherfolk and fish farmers** and contribute to food security and nutrition. Fish production crossed **195 lakh tonnes in 2024–25**, highlighting the sector's growing economic importance.
2. **Untapped marine potential:** India's **11,000+ km coastline and nearly 24 lakh sq. km EEZ** provide scope to move beyond conventional fishing towards the **deep sea and high seas**.
3. **Institutional support:** The **Ministry of Fisheries, Animal Husbandry and Dairying (2019)** and **Pradhan Mantri Matsya Sampada Yojana** have strengthened policy focus on fisheries development and marine livelihoods.

Deep-Sea Fisheries and New Opportunities

1. **New fishing frontiers:** The **Blue Chakra** represents the potential of the Blue Revolution and ocean economy. The framework for sustainable fishing in the **EEZ** and guidelines for **high-seas fisheries** open new areas for Indian fishers.
2. **Value addition:** Deep-sea and high-seas fisheries can create employment across **processing, cold chains, transportation, packaging, logistics and exports**, expanding opportunities beyond fishing itself.
3. **Community participation:** Initiatives involving **fisher cooperatives and Fish Farmer Producer Organisations**, along with projects in **Odisha and Lakshadweep**, can help coastal communities participate more effectively in the growing marine economy.



Export Growth with Sustainability

1. **Global market:** Indian seafood reaches **120+ countries**, while exports crossed **₹73,000 crore in 2024–25**. Digital authorisation, vessel tracking and international certification can further improve access to global markets.
2. **Sustainable use:** Expansion of marine fisheries must remain compatible with conservation. Stronger compliance is needed against **illegal, unreported and unregulated (IUU) fishing**, along with responsible fishing practices.
3. **Inclusive Blue Economy:** The sector can simultaneously generate **employment, exports, food security and coastal prosperity**. Technology, innovation and finance can help make the Blue Revolution **inclusive and sustainable** while protecting marine resources for future generations.

110. 1991 India–Pakistan Agreement on Military Activities

What is the 1991 Agreement?

1. **Confidence-building mechanism:** The agreement was designed to prevent **misreading of military intentions** by requiring India and Pakistan to inform each other about major military exercises and troop movements.
2. **Rules for military activities:** It lays down rules for the **land, naval and air forces**, including avoidance of major exercises close to the other side's territory and prior information where such exercises are unavoidable.
3. **Naval restrictions:** Article 10 specifically requires naval ships and submarines to avoid coming within **three nautical miles** of each other while operating in international waters. The agreement also defines major naval exercises as involving significant numbers of vessels and specifies rules for exercises near the other side's **EEZ**.

Why was the Agreement signed?

1. **Reducing military uncertainty:** The agreement emerged from a decade of heightened tensions, including the **1980s nuclear build-up, Soviet invasion of Afghanistan and increased U.S.–Pakistan military cooperation**. These developments increased the risk of misunderstanding and escalation.
2. **Brass Tacks crisis:** The immediate background was the **1987 Brass Tacks military exercise**, a large Indian exercise near the Pakistan border that generated serious Pakistani concerns. The crisis highlighted the need for mechanisms to reduce uncertainty over military exercises.
3. **Broader confidence building:** The agreement followed the **1983 Agreement on Prevention of Incidents on and Along the International Border**, while related agreements in 1988 addressed **cultural cooperation and prohibition of attacks on nuclear installations and facilities**. The 1991 treaty therefore formed part of a wider effort to build confidence and prevent accidental escalation.
4. **Institutionalising restraint:** By requiring **prior clarification, information-sharing and defined limits on military activity**, the agreement sought to make India–Pakistan military relations more predictable and reduce the possibility of an unintended conflict.

111. United Kingdom: The Push for Independence

Scotland, Wales and Northern Ireland have renewed demands for greater autonomy and, in some cases, independence.

Historical Formation of the United Kingdom

1. **Acts of Union:** England and Scotland were united in **1707**, creating the Kingdom of Great Britain. Wales had already been incorporated into the Kingdom of England, while Ireland formally became part of the UK in **1801** after the Acts of Union.
2. **Changing composition:** Most of Ireland became independent in **1922**, while Northern Ireland remained within the UK. The present **United Kingdom of Great Britain and Northern Ireland** therefore emerged through a long process of political union, incorporation and separation.
3. **Distinct constitutional identities:** The UK comprises **England, Scotland, Wales and Northern Ireland**, but Great Britain refers only to **England, Scotland and Wales**; Ireland consists of the **Republic of Ireland and Northern Ireland**.

Growing Demand for Self-Determination

1. **Right to decide:** The renewed demand for independence in Scotland, Wales and Northern Ireland is framed around the principle that **people should have the right to determine their constitutional future**.
2. **Scotland:** The **Scottish National Party (SNP)** made independence a central political objective. The **2014 Scottish referendum** resulted in **55.3% voting against independence and 44.7% in favour**. In 2022, the UK Supreme Court ruled that the Scottish Parliament could not unilaterally hold another independence referendum because constitutional matters remain with the UK Parliament.
3. **Northern Ireland:** Under the **1973 border poll**, voters overwhelmingly chose to remain in the UK, although the question of Irish reunification remains part of Northern Ireland's constitutional debate.
4. **Wales:** Wales has also seen discussion around greater autonomy and independence, though the constitutional position remains different from Scotland and Northern Ireland.



Asymmetric Devolution and the Constitutional Question

1. **Devolution:** Powers have been transferred from Westminster to the **Scottish Parliament, Welsh Parliament and Northern Ireland Assembly**, creating an asymmetric system in which different parts of the UK possess different degrees of autonomy.
2. **Referendum requires constitutional authority:** The Scottish experience shows that independence cannot be pursued solely through a devolved legislature; **constitutional authority remains central to the process**.
3. **Need for constitutional change:** The proposed approach is to strengthen the respective national institutions and, where necessary, **transfer further powers through the UK Parliament**. The Cardiff Agreement therefore calls for the British government to prepare for and facilitate constitutional changes within each jurisdiction.

112. Railway Congestion: Multitracking as a Solution

High-Density Network and Congestion

1. **High-density corridors:** The seven High-Density Networks (HDNs) cover about **11,051 km, or 16% of the railway network, but carry over 40% of total traffic**. Many sections are already operating close to capacity, creating delays and limiting further traffic growth.
2. **Capacity pressure:** HDNs should ideally operate at **70–80% capacity** to avoid congestion, but only about **4.6%** currently operate below 80%. The **Karjat–Mumbai section**, for instance, handles around **67 trains daily** on a 28-km stretch, resulting in congestion and delays.
3. **Freight constraints:** Average freight-train speed remains around **25 kmph**, while freight loading needs to rise from **1,670 million tonnes in 2024–25 towards 3,000 million tonnes by 2030**. Decongestion is therefore important for both passenger movement and freight capacity.

Multitracking and Freight Corridors

1. **Multitracking:** Adding additional tracks on existing high-density routes can increase capacity and reduce congestion. The Union Cabinet has recently approved **eight multitracking projects covering 1,196 km**, with an estimated cost of **₹20,804 crore**.
2. **Capacity utilisation:** Multitracking can raise operational capacity and reduce logistics costs. About **2,000 km of HDNs are already four-lined**, while further expansion can address remaining bottlenecks.
3. **Dedicated Freight Corridors:** Freight corridors provide separate routes for goods trains, either running parallel to HDNs or bypassing passenger terminals. The **Eastern and Western DFCs** were developed to address saturation of existing trunk routes and improve freight movement.
4. **Future expansion:** The proposed **1,738-km East-West DFC from Dankuni to Surat** would further strengthen freight connectivity. Additional proposed corridors include **Kharagpur–Vijayawada** and **Itarsi–Vijayawada**, aimed particularly at facilitating movement of coal and other mineral traffic.

113. Manipur: New Kuki-Zo–Naga Fault Line

The May 2023 conflict has created a **new Kuki-Zo–Naga fault line** in Manipur, even as there are tentative signs of political reopening. The return of **two Kuki-Zo MLAs to the Assembly after a prolonged boycott** suggests some space for political engagement, but differences over separate administration remain. At the same time, displacement continues, with many people still in relief camps and an RTI response reporting **over 700 deaths in the camps**, many linked to inadequate healthcare and nutrition. The renewed violence—killings, village burnings, displacement and blockades restricting essential medicines—shows that **peace remains fragile and humanitarian concerns remain central**.

The renewed conflict also echoes the **Naga–Kuki violence of the 1990s**, particularly disputes over control of the hills and the applicability of customary laws. With elections approaching, the State needs to prevent another prolonged cycle of ethnic mobilisation through **political dialogue, equal application of law and protection of civilians irrespective of ethnicity**. Civil society's reported **weariness with violence across communities** provides some space for reconciliation, while security forces need to act against armed groups and those imposing blockades. The larger governance challenge is to combine **security with political engagement and civilian welfare**, rather than allowing ethnic divisions to permanently shrink the political space for accommodation.

114. A war room for India in an age of sanctions

Sanctions are increasingly affecting not only targeted countries but also **third-country banks, insurers, shipping companies and supply chains**. For India, this creates risks across foreign policy, trade, finance, energy and maritime security, requiring a coordinated response.

“Weaponised Interdependence” and India’s Exposure

1. **Cross-border vulnerability:** An Indian transaction may depend on a **New York bank for payment, a London insurer for shipping and a tanker passing through the Strait of Hormuz**. Thus, foreign pressure can affect India even when an activity is permitted under Indian law.



2. **Secondary sanctions:** Sanctions can force foreign businesses to abandon legitimate transactions to protect their access to American finance. The experience with **Iran and Russia** shows how restrictions can extend across banking, technology, shipping, insurance and energy.
3. **Legal and commercial risk:** Indian banks and companies may avoid transactions not because they are legally prohibited, but because of **commercial caution and fear of sanctions**. They therefore need clear guidance to distinguish actual legal restrictions from perceived risks.
4. **Chokepoint vulnerability:** Risks around the **Strait of Hormuz** can disrupt oil, LNG, shipping and other essential supplies. The West Asia crisis demonstrated the importance of monitoring vessels and supplies, increasing LPG production and arranging alternative cargo routes.

Building India's Economic Security Architecture

1. **Whole-of-government mechanism:** Since sanctions affect multiple sectors simultaneously, an **Economic Security and Sanctions Office under the Cabinet Secretariat** has been proposed to coordinate foreign policy, finance, commerce, energy, shipping and defence, along with the RBI, banks and market regulators.
2. **Early warning and evidence:** The mechanism should track where **payments, insurance or shipping could fail**, maintain evidence supporting foreign listings, seek their removal where justified, negotiate **written exemptions and transition periods**, and provide clear guidance to Indian businesses.
3. **Domestic resilience:** Greater **LPG storage, an expanded Indian-controlled tanker fleet, a stronger Bharat Maritime Insurance Pool and long-term LNG contracts outside Hormuz** can reduce dependence on vulnerable external routes and services.
4. **Rupee settlement—useful but limited:** Rupee settlement can preserve lawful trade when foreign sellers accept it, but it cannot completely protect India if the underlying transaction still depends on a **bank connected to New York**.

Strategic Autonomy with Economic Realities

1. **India cannot simply copy China:** China has greater capacity to resist American measures because of its **market power, state-directed economy and leverage over critical supply chains**. India's deeper financial and commercial ties with the U.S. make a similar approach more difficult.
2. **Multi-partner engagement:** India must simultaneously protect its **household energy, seafarers, fertiliser supplies and lawful trade** while maintaining economic and commercial relationships with the **U.S., Russia, Iran and Gulf countries**.
3. **Sovereignty beyond policy choice:** Sovereignty is not only the freedom to make an independent foreign-policy decision; it also requires ensuring that the decision remains workable through the **banks, insurers, shipping networks and trade channels** on which the economy depends.

115. BRICS Summit and Indian Foreign Policy

Non-Alignment to Multi-Vector Engagement

1. **Changing foreign-policy approach:** India's present approach is described as different from classical non-alignment. While non-alignment was shaped by a **bipolar world**, today India operates in a **multipolar world** and engages with several power centres simultaneously.
2. **BRICS as a political and diplomatic platform:** BRICS provides a forum for countries with divergent strategic interests to coordinate positions on global governance, development and selected political/security issues.
3. **Consensus without common positions:** The Delhi Declaration shows that BRICS members may accommodate different national positions rather than establish a single strategic position. The reference to "**unilateral coercive measures**" was retained while stronger language on Ukraine was dropped to maintain consensus.

India's Balancing Across Major Issues

1. **Ukraine:** India's approach combines engagement with different sides while retaining its own position. The BRICS declarations since 2022 had repeatedly referred to Ukraine; the Delhi Declaration's treatment reflected the difficulty of finding **common language among members with differing positions**.
2. **West Asia:** India has sought a **balanced position**, emphasising restraint and protection of civilians. The discussion also notes the distinction between diplomatic statements and India's bilateral engagement with Israel.
3. **Multi-alignment:** India's participation in BRICS does not prevent simultaneous engagement with Western partners. The approach is described as **multi-vector engagement**, with relationships maintained in multiple directions rather than through a single alignment.

BRICS and Economic Cooperation

1. **Intra-BRICS payments:** The discussion on local-currency payments reflects an attempt to facilitate **intra-BRICS trade**. However, there is **no one-size-fits-all approach**, and India would need to consider the implications of replacing one dominant currency mechanism with another.



2. **BRICS as G7 counterpoint:** BRICS represents around **40% of the global economy and 25% of global trade**, giving it significant economic weight and potential to act as a counterpoint to the G7.
3. **India as a bridge:** India's position is described as using its relationships with both sides of the global system to act as a **bridge between the East and West**, while retaining its strategic autonomy.
4. **Future diplomatic engagement:** The emphasis remains on **multi-vector engagement and keeping all stakeholders engaged**, including through forums such as BRICS and other international groupings where emerging global rules are discussed.

116. Uniform Civil Code (UCC)

Arguments in Favour

1. **Gender justice:** Common rules can ensure equal rights for women in **marriage, divorce, maintenance and inheritance**, irrespective of the personal law applicable to them.
2. **Equal citizenship:** A common civil framework can strengthen the principle of **equality before law** by reducing religion-based differences in civil matters.
3. **Secularism:** Separating civil rights from religion can strengthen the **secular character of the State**, while allowing individuals to retain freedom of belief and worship.
4. **National integration:** Common civil standards may promote a greater sense of **common citizenship**, particularly in matters that affect individuals irrespective of religion.
5. **Reform of discriminatory practices:** UCC can provide an opportunity to address practices within personal laws that are inconsistent with **equality and constitutional morality**.

Arguments Against

1. **Religious freedom:** Uniform civil laws may affect practices associated with religion, raising concerns under **Article 25**, which protects freedom of religion.
2. **Cultural diversity:** **Article 29** protects the interests of sections having a distinct culture. Imposing identical civil rules may therefore be perceived as weakening legitimate cultural and customary practices.
3. **Uniformity ≠ equality:** Different personal laws do not automatically mean inequality. Discriminatory provisions can be reformed **within individual personal laws** without replacing the entire system with one common code.
4. **Tribal customs:** Customary laws of tribal communities are closely connected with their identity and social institutions. A completely uniform framework may therefore create tensions with **customary and cultural rights**.
5. **Implementation concerns:** Personal laws are deeply connected with community identity. Introducing a common framework without adequate **consultation and consensus** may create social resistance and reduce acceptance of reform.

Way Forward

1. **Equality as the objective:** Focus on removing **discriminatory provisions** and securing equal rights rather than pursuing uniformity merely for its own sake.
2. **Gradual reform:** Dr. B.R. Ambedkar had envisaged scope for a UCC while suggesting that Parliament could initially make it applicable to those **willing to be governed by it**.
3. **Reform existing laws:** The **2018 Law Commission Consultation Paper** favoured reforming discriminatory provisions within existing family laws rather than considering a UCC necessary at that stage.
4. **Common minimum principles:** Prioritise common standards of **gender justice, equality, individual rights and dignity** in marriage, divorce, maintenance, adoption and inheritance.
5. **Consultation and consensus:** Reform should involve **wide consultation with affected communities**, while ensuring that legitimate religious and cultural practices are reconciled with constitutional rights.

117. For AI governance, hard laws and strong guardrails

AI's Rapid Capability Growth and Emerging Risks

1. **From tool to agent:** The concern is no longer limited to chatbot errors. AI systems are evolving into **agents capable of multi-step operations**, including interacting with other software and acting with limited human intervention.
2. **Capability acceleration:** The Anthropic report highlights a shift from AI merely assisting humans towards **AI-generated content, automated cyber-creation and increasingly autonomous operations**. The rapid pace of capability development is itself becoming a governance challenge.
3. **Agentic misuse:** The reported demonstration involving **AlmaLinux** showed an AI system taking actions that went beyond what was expected, raising concerns about **human control and agentic behaviour**.
4. **AI-enabled cyber threats:** AI can lower the barrier for sophisticated actors by providing assistance in areas such as **cyber operations and other technically complex activities**. This expands the potential pool of actors capable of carrying out harmful operations.



5. **Misinformation at scale:** The Bangladesh example illustrates how AI-generated content can be produced at very large scale during elections. In a **large, linguistically diverse electorate**, AI-generated misinformation can be particularly difficult to detect and counter.
6. **Democratic self-defence:** The AI Jazeera political campaign involving **1.5 million AI-generated exchanges** illustrates how AI can potentially influence political communication at scale. This raises concerns about **privacy, targeted manipulation and the integrity of democratic processes**.

From Voluntary Safeguards to Enforceable Guardrails

1. **Limits of voluntary disclosure:** Without an external authority empowered to **compel disclosure, audit, assess risks and impose penalties**, voluntary safeguards remain inadequate.
2. **Capability-based regulation:** Systems crossing a defined **capability threshold** should face stronger obligations, including reporting detected misuse to **CERT-In and designated authorities**.
3. **Platform accountability:** Platforms should disclose their **capabilities, safety systems and limitations**, while legislation should address **prohibited uses, systematic discrimination, fraud and criminal liability**.
4. **Governance alongside innovation:** Regulation should not merely restrict AI development; **governance must accelerate alongside capability growth**, creating safeguards that allow responsible innovation.
5. **India's digital capacity:** India's experience with **DPI, UPI and Aadhaar** provides a foundation for building large-scale technology governance mechanisms.

118. My lessons sons in turning ambition into reality

India's development journey shows that **ambition becomes reality when political leadership is willing to imagine beyond existing constraints and then mobilise the State machinery to implement that vision**. The example of **Dholera SIR** illustrates how an initially ambitious idea was converted into a concrete development project through policy support and institutional action. The broader reforms—**Insolvency and Bankruptcy Code, GST, and removal of outdated rules and regulations**—similarly reflected the objective of making India easier and more efficient for citizens and businesses.

The same approach was extended to **frontier technologies, space, green hydrogen and industrial development**, creating new opportunities for private enterprise and sustainable growth. The **Aspirational Districts Programme** demonstrated the importance of **real-time data, measurable outcomes and empowered young officers** in improving development indicators. The experience of bringing countries together during India's G20 presidency further reinforced the importance of **consensus-oriented leadership**. Overall, the key lesson is that transformative leadership requires the ability to **imagine what does not yet exist and bring the full force of the State, administration and nation behind that imagination**.

119. How melting glaciers could put 20% of GDP at risk

Himalayan Dependence and the "Peak Water" Risk

1. **Economic dependence:** The Himalayan-fed rivers sustain **wheat and rice across the Indo-Gangetic Plain, tea in Assam and Bengal, hydropower in the Northeast and pilgrimage-based economies** downstream. Glacier retreat can therefore affect multiple sectors simultaneously.
2. **Peak Water:** Glaciers act as natural water storage by releasing meltwater, particularly during the **dry season**. Himalayan river basins are expected to reach **"Peak Water" around the middle of this century**, after which declining ice reserves could reduce meltwater flows.
3. **GDP exposure:** The **21.5% GDP dependence** is calculated through three layers: direct GSDP of Himalayan States; downstream agriculture, manufacturing, hydropower and services dependent on Himalayan-fed rivers and groundwater recharge; and indirect **supply-chain and wage-spending effects**.

Glacier Retreat as a Multidimensional Disaster Risk

1. **Disaster hotspot:** The Himalayas account for only **18% of India's land but around 35% of its disasters**, making climate resilience particularly important for the region.
2. **Cascading impacts:** Disasters can create **food and water insecurity, disrupt supply chains and displace people**, while also increasing macroeconomic and sovereign-debt pressures. Reconstruction expenditure can consequently reduce resources available for **future resilience**.
3. **Water security:** Glacier retreat makes river flows less reliable, creating risks for **agriculture, urban water supply, industry and hydropower**, particularly as dependence extends far beyond the Himalayan region.

Black Carbon and the Need for Integrated Action

1. **Black carbon-glacier link:** Black carbon from **incomplete combustion** settles on snow, darkens the surface and increases absorption of sunlight instead of reflection. Modelling cited in the assessment estimates that this **"snow darkening" adds around 40 watts/m² of surface heating in spring across the Himalaya**.



2. **Brick kilns:** Modernising brick kilns can provide a measurable reduction in pollution. **Zigzag kiln technology** can reduce black carbon and particulate emissions by roughly **70%** and fuel use by **20–30%**.
3. **Uneven adoption:** Punjab and Haryana have completed the transition to zigzag kilns, but **Uttar Pradesh has only 56%** adoption, while much of the rest of India continues with traditional technology.
4. **Integrated pollution control:** Brick kilns alone cannot address the problem. Effective action requires simultaneous attention to **kilns, cookstoves, transport and crop-residue burning**, linking air-pollution control with Himalayan climate resilience.

120. How collagen is powering athletes

Collagen is increasingly being used by high-performance athletes, particularly in sports that place **high loads on joints and connective tissues** such as rowing, swimming, athletics and jumping events. As collagen is a major structural protein in **tendons, ligaments, cartilage and skin**, supplementation may support **joint regeneration, cartilage density and recovery from soft-tissue injuries**. However, the evidence remains limited, with reported improvement of only around **1–3% in certain joint-regeneration outcomes**, and sports scientists stress that collagen is not a substitute for overall nutrition or training.

The key concern is the growing belief that collagen is a **“secret ingredient” for sporting performance**. The high-performance approach at the **Inspire Institute of Sport (IIS), Vijayanagar** emphasises a **“food first approach”**, with supplements used selectively according to individual needs. The suggested **“golden window” of 45–60 minutes before training or rehabilitation**, preferably with vitamin C, is presented as potentially useful because of amino-acid availability in the bloodstream. However, collagen supplementation alone cannot transform athletic performance; it is an aid to **joint health and recovery**, not a shortcut to sporting success.

121. Orangutans in Odisha: Wildlife Trade and Repatriation

Prelims Pointers

- **Orangutans:** Native to **Indonesia and Malaysia**; three species — **Bornean, Sumatran and Tapanuli orangutans** — are listed under **CITES Appendix I**.
- **Exotic-pet trade:** Increasing demand for **“unique and unusual” pets** is driving illegal wildlife trade. Seizures indicate two major routes: **overland through Northeast India and Bangladesh** and **international airports such as Chennai, Bengaluru and Mumbai**.
- **Official data:** **43,693 applications** from 30 States and UTs were reported for voluntary disclosure of exotic animals; **lemurs, kangaroos and rhinoceros iguanas** were among the declared species.
- **Repatriation:** CITES does **not make repatriation automatically mandatory**. The management authority may determine an appropriate course for confiscated animals, including repatriation where feasible.
- **DGCA:** Repatriation may also involve **DGCA guidelines** concerning transport of animals by air.

Rising Exotic-Pet Trade and Conservation Concerns

1. **Demand-driven trafficking:** Growing demand for **“unique and unusual” pets** is fuelling illegal wildlife trade, including species protected under CITES.
2. **Traceability challenge:** Animals may pass through **multiple hands and geographies**, making it difficult to establish their actual origin. This complicates investigation, prosecution and decisions on repatriation.
3. **Wild-caught vs captive-bred:** Authorities must establish whether confiscated animals are **captive-bred or taken from the wild**, since this affects both legal assessment and conservation concerns.
4. **Animal welfare:** Wildlife trafficking is also a welfare issue, as confiscated animals may suffer from poor transport, inadequate care and unsuitable captivity. Conservation, therefore, requires attention to both **species protection and individual animal welfare**.

Repatriation: Legal, Institutional and Practical Challenges

1. **Origin verification:** Repatriation depends on establishing the animal’s **country of origin and legal provenance**. Where animals have changed hands repeatedly, their geographic origin may become difficult to establish.
2. **International cooperation:** Repatriation requires coordination between the **country where the animal is seized and the presumed country of origin**, including investigation, documentation, scientific consultation and transport arrangements. In the Odisha case, **Indonesia has approached Indian authorities** for the return of the orangutans.
3. **Repatriation vs rescue centre:** Where return is not feasible, the animal may be placed in an appropriate **rescue centre or other suitable facility**, with the management authority considering animal welfare and conservation requirements.
4. **Beyond seizure:** Effective implementation requires stronger **CITES compliance, border and airport surveillance, inter-agency coordination, traceability and enforcement**, alongside proper rehabilitation of confiscated wildlife.



122. Himalayan Monal: Human Noise and Wildlife Conservation

Study Findings: Human Noise Altering Bird Communication

1. **Noise-induced adaptation:** Researchers compared monal calls in two areas of **Kedarnath Musk Deer Sanctuary** — relatively undisturbed **Madmaheshwar Valley** and noisier **Chopta Valley**. Monals in Chopta used **higher-frequency calls**, indicating adjustment to background noise.
2. **Human activity as a noise source:** Chopta has **roads, pilgrims and tourist activity**, whereas Madmaheshwar has relatively little human disturbance. The difference in calling behaviour was particularly evident at the **higher end of the birds' call frequencies**.
3. **Communication under stress:** Monal calls are important for **communication and social behaviour**, including mating. When background noise masks calls, males may find it harder to reach females, while females may struggle to respond to those calls.
4. **Behavioural flexibility:** The researchers suggest that monals have some ability to **adjust their calls to surrounding noise**, but increasing noise can nevertheless make communication more difficult.

Conservation Implications: Beyond Habitat Destruction

1. **Invisible ecological disturbance:** Human impact on wildlife is not limited to habitat loss or direct physical disturbance. **Anthropogenic noise can alter species behaviour and communication**, potentially affecting social and reproductive processes.
2. **Tourism-conservation balance:** The findings do not suggest that tourism itself should stop. Rather, the concern is to **manage human activity and noise in wildlife landscapes**, particularly where roads, pilgrimage and tourism are concentrated.
3. **Evidence-based monitoring:** The use of **passive acoustic monitoring**, with acoustic devices and microphones across seasons, shows how wildlife calls can be used to detect changes in animal behaviour and assess human disturbance.
4. **Broader lesson:** Conservation planning in ecologically sensitive areas should account for the **acoustic environment** along with habitat quality, infrastructure and physical disturbance.

123. When power & leadership is vehicle for seva

Power should not be treated as the **ultimate aim of politics but as a vehicle for public welfare**. The contrast between **Machiavelli and Kautilya** captures two approaches to power: while Machiavelli emphasised preserving authority, Kautilya stressed that the ruler's happiness lies in the **happiness of his subjects**, requiring a ruler to be disciplined and compassionate. The idea of *seva* goes beyond ordinary service to imply **selflessness, self-purification and elimination of ego**; *nar seva* is therefore linked with *Narayan seva*.

Ethical governance requires **sahas (courage), samvedna (compassion) and samadrishti (equanimity)**, as reflected in *Bhishma's Raj Dharma*. Equanimity enables a leader to remain balanced despite **praise, criticism and adversity**, while the Confucian idea of justice emphasises responding to wrongdoing through **fairness rather than retaliation**. Thus, power must be exercised with restraint, compassion and a strong sense of justice.

Transformative leadership also requires the ability to **imagine what does not yet exist and mobilise the State and society behind that vision**. Qualities such as **honesty, communication skills, confidence, commitment, positive attitude, innovation, intuition and inspiration** strengthen this capacity. The larger ideal is that **power gains legitimacy through service**—using authority not for personal interest, but for the welfare and dignity of society.

124 . Serious escalation: U.S. Tariffs on Russian Oil Imports: Implications for India

The new **U.S. Russia Sanctions Act** gives the U.S. President authority to impose tariffs of **up to 100%** on countries importing Russian oil and gas. Unlike the earlier 50% tariff, which was imposed through an Executive Order, the new measure has been passed by the **U.S. Congress**, giving it greater legal weight.

Impact on India

1. **Higher tariff burden:** A 100% tariff would be far more damaging than the earlier **50% tariff on Indian exports**, particularly because exporters had earlier shared part of the tariff burden with American customers.
2. **MSME vulnerability:** Sharing the burden of a **100% tariff** would be difficult for Indian **MSME exporters**, making their exports to the U.S. uncompetitive.
3. **Multiple tariff pressures:** The proposed 100% tariff would come in addition to the existing **10% forced-labour tariff** and **50% Section 232 tariffs on steel and aluminium**, further weakening Indian export competitiveness.
4. **U.S. market importance:** The U.S. is India's **largest export destination**, accounting for around **20% of India's total goods exports**. The impact would therefore be significant for India's export ambitions.

India's Options and the Russian Oil Dilemma

1. **Three choices:** India can **cut Russian oil imports**, continue importing Russian oil and **bear the tariffs**, or persuade the U.S. to impose a lower tariff using the law's **"up to 100%"** provision.
2. **High Russian dependence:** Russia accounted for **more than 51% of India's oil imports as of July 2026**, making an immediate reduction difficult.



3. **Alternative supplies constrained:** Supplies through the **Strait of Hormuz remain constrained**, while India would need to encourage countries such as **Oman** to expand alternative supply routes. With crude prices above **\$100 a barrel**, favourable alternative deals are also difficult.
4. **Negotiation window:** The Act provides a 30-day implementation window, creating a short period for India to negotiate and assess its options. The **G20 Trade Ministerial** and the Commerce Minister's planned U.S. visit are important opportunities for engagement.
5. **Strategic dilemma:** India has historically responded to U.S. pressure by reducing oil imports from countries facing American sanctions. The present situation therefore places **Russian oil imports, India's export interests and its stated strategic autonomy** in direct tension.

125. Drug Quality and Monitoring in India

The Bengaluru counterfeit-drug racket has highlighted concerns over the **quality and monitoring of medicines**, particularly fake, spurious and expired drugs entering the healthcare supply chain.

Gaps in Drug Production and Supply Chain

1. **Counterfeit medicines:** Fake and expired drugs, including **cancer medicines and ICU injections**, were allegedly repackaged as fresh consignments with altered expiry dates and sold as expensive imported brands at discounted prices.
2. **Wide distribution network:** The medicines were reportedly supplied to **over 90 hospitals** across the State, with the investigation tracing links between the illicit operation, a Bengaluru pharmacy and private hospitals.
3. **Supply-chain scrutiny:** Investigators are examining the **entire supply chain**, including inter-State links and the possibility of complicity within the private hospital network, showing the need for closer monitoring of how medicines are procured and distributed.

Patient Safety and Quality Standards

1. **Direct health risk:** Fake, spurious or expired medicines can cause **adverse reactions, severe disabilities and death**. Previous incidents involving contaminated cough syrups causing deaths in India and abroad further underline the consequences of weak quality control.
2. **Stronger monitoring:** India needs **adequate and stringent monitoring and quality-control systems** covering production, distribution and procurement of medicines.
3. **Supply-chain accountability:** Investigations should extend beyond manufacturers to **private hospitals, pharmacies and intermediaries**, with effective traceability of medicines throughout the supply chain.
4. **Quality over global image:** Becoming the **"pharmacy of the world"** requires medicines and medical supplies manufactured in India to meet the **highest quality standards**. Global pharmaceutical credibility ultimately depends on patient safety and reliable regulatory oversight.

126. India-China Trade: The Paradox of Self-Reliance

India's manufacturing and export capabilities are expanding, but this growth remains deeply embedded in **China-centric, import-dependent supply chains**. The central concern is that rising domestic manufacturing has not yet translated into a corresponding reduction in dependence on Chinese inputs, creating an **"assembly trap" of self-reliance**.

Widening Trade Imbalance and Structural Asymmetry

1. **Growing trade deficit:** India-China trade reached **\$167.6 billion in 2025**; India's exports remained broadly stagnant at **\$18.1 billion**, while imports rose to **\$149.5 billion**, widening the trade deficit to **\$131.4 billion**.
2. **Import-dependent manufacturing:** Nearly **70% of India's imports from China are intermediate goods** and another **22% are capital goods**, showing that the deficit reflects deeper **manufacturing and technological dependence**, not simply consumer demand.
3. **Concentrated import basket:** India's top five import categories from China rose from **\$19 billion in 2021 to \$34.6 billion in 2025**, with **telecom parts, ICs, laptops, LED/solar cells and mobile phones** among the major categories.
4. **Structural asymmetry:** India's exports to China remained broadly stagnant between 2021 and 2025, while imports increased sharply. This reflects persistent asymmetry in **manufacturing capacity, technological capability and trade competitiveness**.

The "Assembly Trap" of Self-Reliance

1. **Manufacturing without component depth:** India has emerged as a major **mobile-phone assembly hub**, but the share of imported Chinese components used in mobile-phone manufacturing increased from **3.3% in 2022 to 10.1% in 2025**.
2. **Downstream manufacturing:** India has succeeded in building manufacturing and export capabilities, but this expansion remains **deeply embedded in China-centric supply chains**, with dependence extending to **inputs, components and semi-processed goods**.



3. **Capability gap:** Imports of sophisticated intermediate and capital goods can facilitate industrial upgrading, but persistent dependence can prevent the development of domestic capabilities in **semiconductors and other precision components**.
4. **Core paradox:** The growth story has so far been shaped more by **downstream assembly than by a deep domestic component ecosystem**. Self-reliance therefore requires moving from assembly towards technological and manufacturing depth.

Building Deeper Domestic Manufacturing Capability

1. **Beyond import substitution:** The response should not be based on **blanket restrictions on imports**. The focus should be on strengthening **domestic technological capability, innovation, supplier networks and component ecosystems**.
2. **Calibrated tariffs:** **Calibrated tariffs on parts and components** can nurture domestic manufacturing value chains while avoiding disruption to industries that currently depend on imported inputs.
3. **Global value-chain integration:** India should **enhance access to global value chains** while simultaneously building domestic capabilities, ensuring that participation in global production does not create strategic dependence on critical imported technologies.
4. **Strategic objective:** The transition should be from **import-dependent assembly to a deeper domestic manufacturing ecosystem**, particularly in electronics, semiconductors and precision components.

Data Bank

1. **India–China trade (2025): \$167.6 billion**
2. **India’s exports to China: \$18.1 billion**
3. **India’s imports from China: \$149.5 billion**
4. **Trade deficit: \$131.4 billion**

127 . India will de-risk, not decouple, from US and China

Growing U.S. Pressure and Limits of De-Americanisation

1. **Goeconomic pressure:** The U.S. Congress has backed the **Lindsey Graham Sanctioning Russia and Iran Act 2026**, enabling tariffs of up to **100%** on major purchasers of Russian oil, including India.
2. **Continuing pressure:** U.S. economic pressure on India has continued since **2017**, including withdrawal of **GSP benefits** and higher tariffs on a range of commodities and products. Pressure over Russian oil has added a new dimension to the relationship.
3. **“De-Americanisation” debate:** India’s closer engagement with **China and Russia through BRICS** has led to suggestions of “de-Americanisation” of Indian foreign policy. However, the text points to clear limits to this approach because the **U.S. remains an important market for Indian goods and services**, alongside strong people-to-people and business-to-business links.
4. **Defence diversification:** India is also expanding defence partnerships with **France, Japan, Britain, Sweden and other European countries**, alongside its own defence policy, to reduce dependence on both the U.S. and Russia.

Why Decoupling Is Difficult?

1. **Limits of decoupling:** The U.S. itself moved towards the idea of decoupling from China — from Trump’s **2017 declaration** to the Biden-era bipartisan consensus. However, the economic costs of such separation became increasingly evident.
2. **Economic interdependence persists:** Despite an increasingly adversarial relationship, the **U.S. and China remain economically linked**. Janet Yellen warned that a full separation of the two economies would be **disastrous for both countries and destabilising for the world economy**.
3. **India’s parallel approach:** India is following a similar logic of **de-risking rather than decoupling** — reducing vulnerabilities in **defence, energy, trade and manpower** without abandoning economic relationships altogether.
4. **Multiple dependencies:** India’s challenge is not limited to one power. The objective is to ensure that dependence on either the U.S. or China does not become a constraint on India’s **economic and strategic choices**.

India in a Changing Global Order

1. **Twin-power challenge:** India has to manage the **decline of one major power and the rise of another**, a situation that few countries have faced before.
2. **Changing global distribution of power:** The 21st-century world is unlike the period when a declining Britain was replaced by a rising U.S. and other countries largely operated within a Western-led order. Today, **China, Russia, India, Brazil, Iran, the EU, Japan and Southeast Asian countries** increasingly pursue and defend their own interests.
3. **No simple replacement of hegemony:** The rise of China does not necessarily mean that it will simply replace the U.S. as the dominant global power. The emerging system is characterised by **multiple centres of power and competing interests**.
4. **Strategic conclusion:** India therefore needs to **de-risk from both the U.S. and China, not decouple from either**. The approach is to diversify dependencies while retaining the economic, defence and strategic relationships necessary for national interests.



128. India's BRICS Diplomacy: Beyond the Summit

The significance of India's BRICS diplomacy lies not only in the wording of a summit declaration but in the **diplomatic space created by the forum**. The 2026 Delhi Summit, held amid deep divisions over the West Asia conflict, showed how BRICS can preserve dialogue even when members cannot agree on a common political position.

BRICS as a Platform for Dialogue

1. **Dialogue as an outcome:** Iran and the UAE used the summit for their **first high-level bilateral meeting since the war began**. A dialogue need not produce an immediate settlement; creating a channel for engagement can itself be a meaningful outcome.
2. **Declaration despite divisions:** The **2026 Delhi Declaration** used weaker language than the **2025 Rio Declaration** on the military strikes against Iran. This reflected changed circumstances: Iran had been attacked again, while other BRICS members had become directly involved in the conflict.
3. **Consensus after failure:** The **May 2026 BRICS Foreign Ministers' meeting** in New Delhi failed to produce an outcome. Four months later, **11 members adopted the Delhi Declaration by consensus**, with precise language where there was agreement and language that preserved space for dialogue where differences remained.
4. **West Asia position:** The declaration reiterated the importance of the **Palestinian question and the two-State solution**, while avoiding a formulation that could deepen divisions among BRICS members.

India's Accumulated Diplomatic Capital

1. **Long-term diplomatic investment:** India's diplomatic capital at BRICS was **not created at the 2026 summit**. It has accumulated over decades, including through the Modi government's transformation of India's engagement with the Gulf.
2. **Gulf engagement → strategic partnership:** India's relationship with the Gulf has moved beyond traditional **oil and trade** towards **defence, technology and security**, creating wider diplomatic room for manoeuvre.
3. **Engaging across divides:** India's relationships across competing sides in West Asia need not be **mutually exclusive**. BRICS 2026 allowed India to understand the **security anxieties of the Arab Gulf** while continuing engagement with Iran without treating Iran's isolation as an objective.
4. **Strategic autonomy:** Strategic autonomy is not merely about creating room for India to manoeuvre; it can create **diplomatic space between competing actors** and turn relationships cultivated across political binaries into diplomatic assets.

Limits of India's Role

1. **Summit ≠ mediation:** A BRICS declaration does not make India a **direct mediator in West Asia**. Formal mediation requires **acceptance by the parties, a mandate and a negotiating agenda**.
2. **India's realistic diplomatic role:** Where formal mediation is unavailable, India can offer **trusted channels**, particularly when political access between opposing capitals is scarce.
3. **Space for accommodation:** India's diplomatic value lies in its ability to **enlarge the space for accommodation without demanding geopolitical allegiance**.

129. What we need to learn, before AI learns too much

The rapid development of AI is shifting the central concern from **what AI might eventually do to what humans may already be unable to adequately understand or control**. The example of AI agents forming a "collective", sharing information and even sacrificing their own runs to avoid detection raises questions about **autonomy, unpredictability and human control**. The deeper concern is the widening gap between technological capability and our ability to understand its consequences.

Human history shows that scientific knowledge can produce both extraordinary progress and destructive possibilities. **Fritz Haber's synthesis of ammonia** transformed agriculture but was also associated with the first use of poison gas at Ypres, illustrating the tension between **discovery and responsibility**.

In the AI age, therefore, **technical capability must be accompanied by wisdom and critical reflection**. The humanities and social sciences can help examine our assumptions, confront uncertainty and ask whether technological autonomy can become destructive. AI may generate answers at extraordinary speed, but humans must continue to determine **which questions need to be asked, what limits should govern technological progress, and how knowledge should be used responsibly**.

130. Presumed Ineligible: SIR and the Principle of Electoral Inclusion

Deletion First, Verification Later

1. **Massive appeal burden** — By early September 2026, **more than 38 lakh appeals** had been submitted to SIR appellate tribunals in West Bengal, but only **1.22 lakh (3.2%)** had been disposed of.
2. **High restoration rate** — Of the cases decided, **1,13,943 electors were added back**, giving an inclusion rate of nearly **93%**. This raises concern that many electors may have been treated as ineligible before adequate verification.
3. **Presumed ineligibility** — Around **27 lakh of the 60 lakh electors flagged for "logical discrepancies"** were deemed ineligible. More than **22 lakh of those declared ineligible have appealed**, suggesting that the deletion process has generated a very large verification burden for citizens.



4. **Disenfranchisement risk** — If the high inclusion and disposal rates continue, the large number of electors ultimately restored would indicate that many should not have been excluded in the first place. With municipal elections approaching, the ECI needs to **accelerate appeals and restore eligible electors**

Enumeration and “Mapping” Problem

1. **Enumeration failure** — In Phase 3 of SIR, **24 of Delhi’s 70 constituencies** had draft rolls containing fewer electors than those who voted in the February 2025 Assembly election. Large-scale migration does not adequately explain such reductions, raising the possibility that the **enumeration process itself has struck off actual voters**.
2. **Proof burden on electors** — The process requires electors to prove eligibility, while the ECI’s dropping of enumeration forms at homes has not necessarily translated into complete enumeration.
3. **Historical-roll linkage** — Requiring electors to link themselves to electoral rolls prepared in the **early 2000s** can create “discrepancies” even where present documents are valid.
4. **Large-scale flagging** — In Delhi, this “mapping” exercise has placed **13.79 lakh electors under notice**, with another **19.33 lakh flagged for “logical discrepancies” and unexplained grounds**, highlighting the scale of the verification problem.

Universal Adult Franchise and the Way Forward

1. **Electoral accuracy vs inclusion** — The objective of maintaining accurate electoral rolls cannot come at the cost of excluding eligible citizens. **Universal adult franchise requires inclusion to be protected alongside electoral-roll verification**.
2. **Judicial safeguard** — During the Bihar SIR proceedings, the Court intervened to prevent eligible voters from being struck off, underlining the importance of safeguards against wrongful exclusion.
3. **Reverse the sequencing** — The central requirement is to move away from a system of **deletion first and verification later** towards one where eligibility is properly established before exclusion, wherever possible.
4. **Restore eligible electors** — The ECI must expedite the appellate process in West Bengal and Delhi and ensure that those who are eligible are restored to the rolls before the electoral process moves ahead.

131. Unsafe Space: Need for Multilateral Governance

Militarisation and Ambiguity in Space

1. **Offensive–defensive ambiguity** — The U.S. has acknowledged deploying “**on-orbit space control weapons**” to defend against hostile action, but its military doctrine defines space control as encompassing both offensive and defensive operations.
2. **Growing counter-space capabilities** — The U.S., Russia, China and India, among others, are developing counter-space capabilities, contributing to a technological and strategic environment in which **orbit could become the next major battlefield**.
3. **Commercial–military overlap** — Commercial satellites increasingly serve both civilian and military users. Their growing military use could endanger the protections they receive under international humanitarian law.
4. **Risk of miscalculation** — When steerable satellites approach each other without understanding the other's intentions, particularly with future autonomous satellites using AI models, the absence of clarity over what constitutes “**hostile action**” can create instability.

Gaps in Existing Space Rules

1. **Outer Space Treaty limitations** — Article IV prohibits nuclear weapons and other weapons of mass destruction in orbit, but does **not prohibit weapons in orbit per se**. Article III requires space activities to comply with international law.
2. **Accountability challenge** — Existing rules, including the **Liability Convention**, cannot be straightforwardly applied when an autonomous, dual-use orbital asset operated by a commercial entity unintentionally initiates an unwanted defensive strike.
3. **Rules–technology mismatch** — Existing rules have become **too coarse for contemporary technologies**, while declining adherence to a rules-based world order adds to the difficulty.

Need for Multilateral Governance

1. **Greater disclosure** — The U.N. Open-Ended Working Group on the **Prevention of an Arms Race in Outer Space** provides an opportunity to address the disclosure issue.
2. **Clear thresholds** — The U.S. should disclose the particulars of the weapons it has deployed, while states should work towards defining clearer **thresholds of action and escalation**.
3. **Multilateral framework** — With increasingly interconnected and dual-use space systems, a multilateral governance arrangement is needed to clarify **hostile action, responsibility and escalation** in outer space.



132 . Tamil Nadu's \$1.5 Trillion Growth Ambition

Tamil Nadu's ambition of becoming a **\$1.5 trillion economy by 2035-36** highlights the scale of growth required to transition towards a high-income economy. The key issue is not the target itself, but whether the State can sustain the **growth, investment and macroeconomic stability** needed to achieve it.

Growth Ambition vs Feasibility

1. **Sustained high growth** — The target requires around **12.2% real growth annually for a decade**, whereas Tamil Nadu's recent real growth has been around **9.1%**. The challenge is therefore sustaining high growth rather than merely achieving short periods of rapid expansion.
2. **Growth trajectory matters** — Past experience shows both possibilities and limits: Tamil Nadu recorded **10.3% real growth during 2005-06 to 2011-12**, but growth subsequently moderated. At lower growth rates, the \$1.5 trillion milestone shifts further into the future.
3. **Conditional projections** — Long-term economic targets are sensitive to assumptions such as **inflation, exchange-rate depreciation and per-capita income benchmarks**. Hence, the target should be treated as a growth trajectory rather than a fixed outcome.

Challenges to the Growth Ambition

1. **Investment intensity** — Sustaining even **10% real growth** would require investment of around **40% of GSDP** under the assumed ICOR of 4. Mobilising and efficiently deploying such large volumes of capital is a major challenge.
2. **Capital efficiency** — Higher investment alone does not guarantee higher growth; improving the **efficiency of investment and productivity** becomes crucial.
3. **Financing constraints** — The required investment must come from **domestic savings**, supplemented by capital from other parts of India and abroad, making the investment climate important.
4. **Fiscal sustainability** — Growth ambitions have to coexist with **price and fiscal stability**. Maintaining the fiscal deficit below **3% of GSDP** and stabilising the debt-GSDP ratio are necessary to prevent growth from creating macroeconomic vulnerabilities.

Lessons for India

1. **Growth needs a long horizon** — India's development ambitions similarly require **sustained high real growth**, not episodic acceleration. The Tamil Nadu case illustrates the importance of converting high-growth phases into a durable trajectory.
2. **Investment + efficiency** — Development requires not merely increasing investment but improving **capital productivity**, so that every unit of investment generates greater output.
3. **States as growth engines** — National growth targets ultimately depend on States sustaining high productivity, investment and income growth. State-level economic strategies therefore become central to India's broader development trajectory.
4. **Macro stability as an enabler** — Ambitious growth must be supported by **fiscal discipline, price stability and a conducive investment environment**; otherwise, higher nominal growth may not translate into sustainable development.

133 . A Malacca–Singapore Model for Resolving Hormuz

From Territorial Dispute to Cooperative Navigation

1. **Balancing sovereignty and navigation** — Indonesia, Malaysia and Singapore initially differed over whether the Straits should be treated as “international”. Indonesia's concern was sovereignty over waters between its islands, while Malaysia and Singapore had their own security and navigation interests.
2. **Cooperation over internationalisation** — Instead of accepting an internationalised regime, the three states moved towards **bilateral treaties, joint naval patrols and coordinated administration**, while retaining their territorial claims.
3. **UNCLOS compromise** — During the formulation of UNCLOS, the concept of “**transit passage**” emerged for straits connecting high seas/EEZs, allowing continuous and expeditious passage, including for warships. Indonesia accepted it with reservations, while Malaysia secured provisions addressing environmental safety, insurance and vessel draught.
4. **Institutionalised cooperation** — The 2007 **Cooperative Mechanism** created a framework involving the three littoral states and the international community, including a **Navigation Fund** for navigation aids, hydrographic surveys and safety projects, supported by voluntary contributions from stakeholders and industry.

What the Malacca Model Offers for Hormuz?

1. **Geographic parallel** — Like the Malacca–Singapore Straits, the Strait of Hormuz lies between the **territorial waters of two littoral states — Iran and Oman**. Both cases therefore involve the interaction of territorial sovereignty with international navigation.
2. **Existing regional experience** — Iran and Oman have a history of both conflict and cooperation, while some Gulf states have supported **Iran–Oman talks** and the Malacca–Singapore experience has already been mooted as a possible model.
3. **Different security priorities** — The comparison has limits: in Malacca, the central concerns were **navigation and environmental safety**, whereas in Hormuz the overriding concern for Iran is **its security**.



4. **International law vs political acceptance** — The Malacca experience was shaped through negotiations during the development of UNCLOS, with compromises built into the regime. In Hormuz, Iran has not ratified UNCLOS and has previously required foreign warships to seek authorisation, making the legal and political context different.
5. **Need for a negotiated framework** — The Malacca experience suggests that **cooperation among littoral states**, supported by interested external stakeholders, can provide a basis for safe navigation without necessarily converting the strait into an internationally administered waterway.

134. Article 371A to J and the Proposed Article 371K for Ladakh

Article 371 and its succeeding provisions illustrate how the Constitution uses **asymmetric federalism** to accommodate regions with distinct historical, social, cultural and political circumstances. These provisions do not follow a single model: some protect **customary law and land**, some provide **institutional representation**, while others address **regional development and administrative needs**. The proposed **Article 371K for Ladakh** seeks to extend this principle to a Union Territory seeking stronger democratic and constitutional safeguards.

Different Forms of Special Constitutional Protection

Provision	State/Region	Core protection
Article 371	Maharashtra & Gujarat	Special responsibility for equitable development of specified regions such as Vidarbha, Marathwada, Saurashtra, Kutch ; development boards and equitable allocation of funds/opportunities.
371A	Nagaland	Parliamentary laws on Naga religious/social practices, customary law, administration of civil/criminal justice according to customary law, and ownership/transfer of land and resources do not apply unless the State Assembly decides otherwise.
371B	Assam	Committee of Assam Legislative Assembly consisting of members from tribal areas covered by the Sixth Schedule, providing institutional representation.
371C	Manipur	Hill Areas Committee in the Legislative Assembly; Governor has special responsibility to report on administration of hill areas.
371D	Andhra Pradesh & Telangana	Special arrangements for equitable opportunities in public employment and education and regional balance.
371F	Sikkim	Special constitutional arrangements following Sikkim's integration into India in 1975 , including protection of existing laws and representation.
371G	Mizoram	Protection of Mizo religious/social practices, customary law, customary justice, and ownership/transfer of land ; Parliament's laws on these matters require Assembly approval.
371H	Arunachal Pradesh	Governor has special responsibility for law and order , exercising individual judgment after consulting the Council of Ministers.
371I	Goa	Special provision concerning the minimum strength of the Legislative Assembly .
371J	Karnataka	Special arrangements for the Hyderabad-Karnataka region , including equitable development, allocation of funds and opportunities in education/public employment.

Why Article 371K is Being Proposed for Ladakh?

1. **Different constitutional position:** Ladakh became a **Union Territory in 2019** and currently does not have a Legislative Assembly. The proposal discussed in the text seeks to create a **directly elected UT legislature** with legislative, executive, budgetary, planning and financial powers.
2. **Land and natural resources:** The proposed framework would give the elected body powers concerning **land, culture, forests, environment and natural resources**, alongside other subjects reserved for the UT under Article 240.
3. **Local democratic control:** Ladakh's demand is distinctive because it seeks not merely protection of customary practices but a **substantial democratic governing institution**. This marks a contrast with arrangements such as Article 371H, where special powers are concentrated in the Governor.
4. **Cultural and customary protection:** The proposal seeks constitutional safeguards over **land, culture, language, forests and customary practices**, reflecting concerns about preserving Ladakh's distinctive social and ecological character. The Union Government has also stated that constitutional safeguards for Ladakh should address **culture and language, land and employment, inclusive development and empowerment of the LAHDCs**.
5. **Local governance vs administrative control:** The key question is whether Ladakh's aspirations are better addressed through **greater democratic decentralisation** or primarily through existing UT administrative mechanisms. This is important because constitutional protection is meaningful only when accompanied by **effective representative institutions**.



135. Conservation Compensation: Tackling Himachal's Monkey Menace

The death of a 63-year-old woman in Shimla following a rhesus macaque attack has again highlighted the growing **human-wildlife conflict** in urban Himachal. Shimla records around **50–55 monkey attacks every month**, raising questions over both population management and the legal framework for compensation.

Changing Legal Status & Population Control

1. **Growing conflict** — Shimla records **50–55 monkey attacks every month**; the recent death of a 63-year-old woman after a macaque attack highlights the human cost of urban wildlife conflict.
2. **Legal shift** — The rhesus macaque was listed as a **protected species under Schedule II of the Wildlife (Protection) Act, 1972**, but was **removed from Schedule II through the 2022 amendment**, changing the administrative framework for dealing with the menace.
3. **Administrative capacity gap** — Despite the changed legal position, ULBs such as Shimla Municipal Corporation reportedly lack **funds, trained manpower and expertise** for capturing and sterilising monkeys, leaving forest authorities to provide assistance.
4. **Urban wildlife interface** — Feeding by people and easy availability of food in urban areas encourage monkeys to move out of forests, making the problem one of **human behaviour + habitat interface**, rather than simply an animal-population issue.
5. Himachal has relied heavily on sustained sterilisation: the estimated rhesus macaque population fell from **3,17,512 in 2004 to 1,36,443 in 2019–20**, with the Forest Department attributing much of the decline to sterilisation. Since 2006, around **1.86 lakh monkeys have been sterilised**.

Compensation and Humane Conflict Management

1. **Compensation gap** — Under Himachal Pradesh's wildlife compensation policy, monkey-attack injuries can attract **₹75,000 for officials, ₹1 lakh for permanent disability and ₹4 lakh in case of death**; however, because the rhesus macaque was removed from the protected list, the deceased woman's family may not qualify under this framework.
2. **Conservation + compensation** — The episode shows that changing the legal status of a conflict species must be accompanied by a corresponding **compensation mechanism and institutional responsibility**.
3. **Need for coordinated management** — Sustainable management requires **ULBs + Forest Department + trained capture/sterilisation teams**, alongside regulation of wildlife feeding and better management of food availability in urban spaces.

136. Do not endorse harmful products: President's message to film actors

The President, while addressing the **72nd National Film Awards**, urged film personalities to recognise their influence on society and **"do not endorse harmful products"**, highlighting the social responsibility that accompanies celebrity status. She emphasised that stars should **"spread light"** and use cinema to promote positive social values rather than harmful consumption. The address also linked cinema with **women's representation and empowerment**, noting the growing participation of women in filmmaking and the need to move beyond merely increasing numbers towards creating meaningful roles.

The message also highlighted cinema's role in **cultural diversity, national integration and tourism**, with the President urging filmmakers to tell stories that reflect India's diverse cultural landscape. Films can act as a bridge between regions and communities, while also showcasing India's heritage and destinations to the world.

137. A World on the Brink: Diplomacy and Politics as Usual

The world is witnessing **"momentous changes" in politics, technology and society**, yet international diplomacy continues largely through familiar summits and negotiations. The paradox is that the scale of contemporary risks has expanded dramatically, while global political attention and cooperation have not kept pace.

A World of Interconnected and Systemic Risks

1. **Catastrophe without attention** — Wars, climate change, pandemics, nuclear risks and the possible dangers of AI represent interconnected threats, yet catastrophic risks often fail to receive attention proportionate to their potential consequences.
2. **Normalcy amid abnormality** — Humanity continues with ordinary routines even when facing risks capable of producing **"catastrophic consequences"**, creating a dangerous **sense of normality** around extraordinary threats.
3. **Risks beyond individual states** — No single country can independently manage these challenges. Global risks increasingly cut across borders, while conventional national-interest politics remains the dominant mode of decision-making.

Powerful Leaders, Constrained Politics

1. **Concentration of influence** — A small group of political leaders, technology executives and energy barons can disproportionately shape global outcomes. Their decisions therefore carry consequences far beyond individual states.
2. **More powerful, yet constrained** — Today's leaders possess unprecedented technological and political capabilities, but they also face domestic audiences concerned with **food, fuel, employment and technological advancement**. Global choices therefore have immediate domestic consequences.



3. **No single hegemon** — Neither China nor the U.S. can unilaterally shape the global order. Major powers can **constrain each other**, but this mutual dependence has not necessarily produced effective collective action.
4. **National interest vs global interest** — The tension between national and global interests is built into the system, making cooperation difficult even when common risks are evident.

Diplomacy Must Match the Scale of the Risk

1. **Summits vs substantive action** — Leaders continue to meet and communicate, but summits risk becoming “**rituals of normalcy**” unless they generate meaningful cooperation on the risks confronting humanity.
2. **Technology governance dilemma** — AI and other technologies require “**slowing down, regulation and deeper forms of information-sharing**”, but states increasingly treat technological capabilities as part of their national security and economic strength.
3. **Preserving cooperation** — In an increasingly fragmented world, the immediate task may be “**keeping what we have**” — protecting existing institutions, cooperation and dialogue rather than assuming that a completely new global order can easily be constructed.
4. **From routine diplomacy to collective risk management** — The fundamental challenge is whether conventional diplomacy and “**politics as usual**” can respond to risks whose scale has changed dramatically.

138. Saving the rhino, restoring grasslands

India's greater one-horned rhinoceros is more than a conservation success story; its survival is closely tied to **restoration of the grassland ecosystems** on which it depends. Grasslands are dynamic ecosystems requiring **science-based management** to prevent degradation, inappropriate fire regimes, tree and invasive-species succession. The five-year **Comprehensive Management of Indian Grasslands (2026–31)** initiative seeks to strengthen grassland restoration, ecological condition assessment, biodiversity, degradation prevention and carbon-positive landscapes, while the rhino-focused phase aims at monitoring, protection, habitat restoration and management.

The approach also recognises that conservation cannot be separated from **climate resilience and landscape connectivity**. Floods, droughts and extreme climatic events can alter grassland ecosystems, making restoration, ecological connectivity and **nature-based solutions** important. The emphasis is therefore shifting from protecting rhinos in isolation to conserving the **habitat–species–landscape continuum**, supported by scientific monitoring, community participation and international cooperation through initiatives such as the **New Delhi Declaration on Indian Rhino Range Conservation**.

139. Soaring Demand for AI Chips: Understanding the “Supercycle”

The global semiconductor industry is witnessing a possible “**supercycle**” — a multi-year period of investment and growth driven by the rapid expansion of **AI and data-centre infrastructure**.

What is Driving the AI Chip Boom?

1. **AI–data centre nexus** — Data centres are becoming the physical backbone of AI, requiring specialised **AI accelerators** capable of performing the massive calculations needed to run AI models. These processors also need to receive data rapidly, increasing demand for advanced memory.
2. **Memory bottleneck** — **High-Bandwidth Memory (HBM)** allows large volumes of data to move rapidly between memory and processors. Its production requires **advanced packaging**, making HBM an increasingly critical part of the AI-chip ecosystem. The HBM market is concentrated among **South Korea's SK Hynix and Samsung, and Micron in the U.S.**
3. **Secured demand** — The AI infrastructure build-out is supported by enormous planned investments by major technology companies in data centres. Chipmakers are also entering **long-term take-or-pay agreements**, where customers commit to a minimum level of demand or pay penalties, making future demand more predictable.
4. **Supercycle, but concentrated** — The resulting investment surge can sustain semiconductor demand over several years, but AI infrastructure spending and the revenues generated from AI services remain concentrated among a few large players.

Where Does India Fit?

1. **Capacity without the full value chain** — Under **ISM 1.0**, India approved **12 semiconductor projects**, strengthening capacity in assembly, testing and packaging. However, India still does not produce advanced logic chips and therefore remains dependent on external sources for critical parts of the semiconductor value chain.
2. **Assembly–testing opportunity** — Facilities such as **Micron's semiconductor assembly and testing facility in Gujarat** use imported wafers and focus on downstream processing. This provides an entry point into semiconductor manufacturing but does not by itself create a complete domestic chip ecosystem.
3. **ISM 2.0 and ecosystem building** — The next phase seeks to build on the existing base, with greater emphasis on creating an **end-to-end semiconductor ecosystem** and addressing the higher-value segments of the industry.



4. **India's AI-chip opportunity** — The emerging AI demand creates space for India to move beyond conventional assembly towards **advanced packaging, chip design and specialised AI processors**, while strengthening domestic semiconductor supply chains.
5. **Indigenous innovation** — The development of **edge-AI processors** for applications such as cameras and drones shows another route: processing AI workloads on the device itself can reduce dependence on cloud computation, lower data transmission requirements and create opportunities for domestic semiconductor design.

140. How the Supreme Court Strengthened Safeguards Around Re-arrest

The Supreme Court has strengthened safeguards against arbitrary arrest and re-arrest by emphasising that **Article 22** is not merely procedural. The arrested person must be informed of the **grounds of arrest**, enabling meaningful legal representation and judicial challenge.

Written Grounds of Arrest: A Constitutional Safeguard

1. **Constitutional safeguard** — **Article 22(1)** requires that an arrested person be informed of the grounds of arrest and be allowed to consult and be defended by a legal practitioner; **Article 22(2)** requires production before a magistrate within **24 hours**.
2. **Written grounds** — The Court has increasingly treated communication of the grounds of arrest as a substantive safeguard, requiring the accused to receive the grounds **in writing**, rather than merely being told that grounds exist.
3. **Meaningful legal remedy** — Written grounds enable the arrested person to understand the allegations, seek legal advice and effectively challenge the arrest, making the safeguard more than a formal procedural requirement.
4. **Evolving jurisprudence** — In *Pankaj Bansal v. Union of India* (2023), the Court held that grounds of arrest under the PMLA must be furnished in writing; the principle was subsequently applied in other contexts.

Re-Arrest Cannot Become a Tool to Circumvent Judicial Protection

1. **No “blanket” re-arrest** — The Court has held that once a person has been released from custody, agencies cannot simply **re-arrest without fresh justification**. Re-arrest must be based on legally sustainable grounds and cannot be used to defeat an existing judicial order.
2. **Fresh application of mind** — In *Prabir Purkayastha v. State (NCT of Delhi)*, the Court reiterated the importance of communicating grounds of arrest and held that arrest without furnishing them in the prescribed manner is legally defective.
3. **Protection after release** — In *Jaskaran Jeet Singh Deol v. State of Punjab*, the Court further stressed that where an accused has already been released, the investigating agency cannot mechanically seek re-arrest; the legal process must be followed afresh.
4. **Judicial scrutiny** — Courts have emphasised that arrest is not merely an investigative convenience. The power to arrest must remain subject to **constitutional safeguards and judicial oversight**.

What the Court's Approach Means?

1. **Procedure protects liberty** — The safeguards connect **Article 22 with Article 21**, ensuring that deprivation of personal liberty follows a fair and constitutionally accountable process.
2. **Not empty formalities** — Communicating written grounds allows the accused to know the case against them, obtain legal assistance and challenge the arrest; hence procedural compliance is integral to the protection of liberty.
3. **Agency accountability** — The evolving jurisprudence places greater responsibility on investigating agencies to justify arrest and re-arrest rather than relying on the mere existence of allegations.

141. Evolution of Houthis: From Local Movement to Red Sea Power

1. **Origins and radicalisation** — Ansar Allah emerged in the 1990s amid concerns over the marginalisation of Yemen's Zaydi community and the spread of Saudi-funded Sunni proselytisation. Under **Hussein Badreddin al-Houthi**, the movement became increasingly political; the **Saada Wars (2004–10)** transformed it into a significant armed force, with Saudi Arabia directly entering the conflict in 2009.
2. **From insurgency to parallel authority** — After gaining territorial control, the Houthis developed a **“highly lucrative war economy”**, combining political control with taxation and revenue extraction. They established parallel mechanisms in areas such as **energy and fuel distribution**, strengthening their ability to finance and sustain their rule.
3. **Part of the “Axis of Resistance”, but autonomous** — Iran provides support to the Houthis, giving Tehran strategic influence near the **Bab-el-Mandeb and Saudi Arabia's southern flank**. However, the movement is not presented simply as an Iranian proxy: its leadership retains **autonomous decision-making**, with domestic needs and political survival shaping its choices.
4. **Emergence as a regional actor** — Control over territory and influence around **Mocha and the Red Sea** has enabled the Houthis to affect maritime security in one of the world's strategically important regions. Their growing role has implications



for Saudi Arabia, Yemen, U.S.–Iran tensions and wider regional security, while their participation in regional-security dynamics continues to expand.

142 . Secular, Religious, Non-Religious: Constituent Assembly Debate on UCC

Article 44 of the Constitution states that “the State shall endeavour to secure for the citizens a uniform civil code throughout the territory of India.” The Constituent Assembly debate revealed a fundamental tension between **uniformity in civil law, religious freedom and minority concerns**.

Arguments Against UCC

1. **Religious freedom** — Mohammad Ismail argued that personal laws were closely connected with **religious practices** and that compelling uniformity could interfere with the freedom of religion. He stressed that Muslim personal law had been followed for centuries.
2. **Article 25 and personal liberty** — Nazruddin Ahmad argued that interference with personal laws could conflict with **Article 25**, particularly freedom of conscience and the right to freely profess, practise and propagate religion.
3. **Fear of majority domination** — Muslim members expressed concern that a uniform code could become a means of imposing the **majority’s social practices** upon minorities.
4. **Civil law ≠ religion** — Mahboob Ali Baig distinguished a “**Civil Code**” from a **religious code**, arguing that matters such as succession, inheritance and marriage/divorce were deeply connected with religious beliefs for the Muslim community

Arguments For UCC

1. **National integration** — K.M. Munshi argued that a common civil code could help “**consolidate the community**” and promote unity by creating common civil rules rather than maintaining separate personal laws.
2. **Social reform** — Munshi questioned why matters such as **marriage and divorce** should remain beyond legislative reform merely because they had a religious association.
3. **Religion vs civil regulation** — B.R. Ambedkar argued that India already had substantial uniformity in areas such as **contract and criminal law**, while personal laws could also be subject to gradual reform. He stressed that the provision did not mean Parliament would immediately impose a single code.
4. **Women’s upliftment** — The debate also connected personal law reform with the **status of women**, suggesting that reform could help address inequalities embedded in personal-law systems.

143. Scheme to promote processing of lithium and nickel soon: Secy

The Central government plans to launch a **scheme to promote processing of critical minerals**, particularly **lithium and nickel**, with further details expected in the **6th Annual General Meeting of the Ministry of Mines’ Mineral Exploration Finance Corporation (MEFCL)**. The scheme is expected to provide **requisite approvals and incentives**, with **Andhra Pradesh, Odisha, Gujarat and Maharashtra** identified as potential States for setting up **critical-mineral processing and trading hubs**. Andhra Pradesh has significant **rare-earth reserves** and established processing technology, while Odisha, Gujarat and Maharashtra are being considered for their potential and industrial base. **Nickel processing** is also being explored in **Odisha**, given its nickel reserves and proximity to Indonesia, a major nickel producer. The broader objective is to develop a **complete critical-mineral processing ecosystem**, strengthen domestic processing capacity and reduce dependence on imports, particularly as India currently imports **100% of its nickel ore** and most critical minerals.

144 . Freezing Democracy: Electoral Roll Revision and Voter Exclusion

Electoral Roll Revision and Risk of Exclusion

1. **Large-scale deletions** — After the revision, around **2.6 crore voters** were initially placed under scrutiny, with nearly **26 lakh voters** reportedly having names, photographs or symbols flagged as discrepancies. It argues that such large-scale exclusions require careful verification because electoral rolls form the foundation of representative democracy.
2. **Repeated deletions** — It highlights cases where names have allegedly been deleted repeatedly despite voters having remained in the rolls for decades, raising questions about the consistency of the revision process.
3. **Political contestation** — Opposition parties have alleged that the exercise amounts to “**targeted deletion**” of voters, while the ECI maintains that the process is intended to ensure accurate electoral rolls. The core institutional issue is therefore the credibility and transparency of the verification process.
4. **Right to vote and inclusion** — The fundamental concern is that electoral-roll revision should not inadvertently exclude eligible citizens. **Accuracy cannot come at the cost of electoral inclusion.**

ECI’s Constitutional Responsibility

1. **Independent election management** — The ECI’s constitutional role is to ensure **free and fair elections**, including maintaining accurate electoral rolls. Any revision therefore requires transparent procedures and effective opportunities for voters to establish their eligibility.



2. **Preventing arbitrary exclusion** — The text stresses that political parties have a responsibility to keep democracy vibrant, but the ECI must ensure that electoral-roll revision does not become a mechanism through which eligible voters are excluded.
3. **Need for transparency** — Where names, photographs or other details are flagged, the process must clearly establish the basis for the discrepancy and provide the concerned elector an effective opportunity to respond.
4. **Democratic legitimacy** — Electoral rolls are not merely administrative records; they determine who can participate in elections. Therefore, **errors in enumeration or deletion can directly affect democratic participation.**

145. Water Wealth: Groundwater Exploitation in Punjab

Groundwater Stress and the Agricultural Trap

1. **Severe over-extraction** — Punjab's groundwater extraction rate has reached **152%**, with **72% out of 153 blocks in the "red zone"**, the highest among States. Although interventions have reduced the number of over-exploited blocks by five over the last seven seasons, the overall stress remains acute.
2. **Paddy-groundwater nexus** — Punjab's agricultural economy is heavily dependent on groundwater irrigation, particularly for paddy. This has created a cycle where **assured procurement, subsidised electricity and access to groundwater** encourage water-intensive cultivation.
3. **Food security vs water security** — The very system that contributed to India's food security is now creating an **ecological sustainability challenge**: groundwater depletion threatens the long-term viability of agriculture itself.
4. **Unequal burden** — Water-intensive cultivation and falling groundwater levels increasingly expose farmers to **higher irrigation costs, deeper wells and greater uncertainty**, particularly smaller farmers with limited capacity to invest in irrigation infrastructure.

From Groundwater Extraction to Water-Secure Agriculture

1. **Incentives need restructuring** — The present system of **free/subsidised electricity, assured procurement and MSP-linked cultivation choices** can encourage excessive groundwater use. Agricultural incentives therefore need to be aligned with water conservation.
2. **Crop diversification** — Shifting from water-intensive paddy towards **less water-intensive crops** can reduce groundwater dependence while maintaining farm incomes, provided farmers receive assured markets, procurement support and price incentives.
3. **Water-use efficiency** — Farmers need support for **micro-irrigation, efficient irrigation practices, soil-moisture management and improved farm-level water infrastructure**, rather than continued dependence on deeper groundwater extraction.
4. **Community-based groundwater management** — Groundwater is a shared resource, so conservation requires collective management, local participation and monitoring rather than treating extraction as an individual farm-level decision.
5. **From extraction to recharge** — Conservation must combine **reducing groundwater withdrawal with groundwater recharge**, including protection of recharge zones and better management of surface water.

146. Deep Rot: SIR and the Need for Electoral-Roll Accountability

The concerns surrounding the ECI's Special Intensive Revision (SIR) extend beyond individual deletions to the **functioning of the electoral-roll database and decision-making process**. The central issue is whether the design of SIR places the burden of proving eligibility on citizens instead of ensuring verification by the electoral machinery.

Institutional and Procedural Concerns

1. **Centralisation of electoral rolls** — The ECI reportedly sought an audit after field officials were found to have **limited access to the National Electoral Roll Portal**, reflecting concerns that changes to voter records were being made centrally, overriding Electoral Registration Officers who are the statutory authority on voter eligibility.
2. **Unexplained alterations** — The process reportedly involved repeated changes in electoral records without adequate knowledge of local election officials, raising questions about **accountability and traceability** in the electoral database.
3. **Form 6 controversy** — Questions were raised over whether applicants or their parents/grandparents appeared in the electoral roll of the last SIR. The ECI had earlier maintained that **Form 6**, used for new electors, could not be altered without changing the rules, yet the revised form contained such questions.
4. **Need for institutional accountability** — The disagreement among Election Commissioners over the SIR reflects deeper concerns about who authorised changes and how decisions affecting electoral eligibility are recorded and reviewed.

Mass Deletions and the Risk to Universal Adult Franchise

1. **Large-scale exclusions** — Around **60 lakh electors in West Bengal were flagged for "logical discrepancies"**, with **27 lakh names deleted**. Of more than **38 lakh appeals pending before tribunals**, **16.1 lakh** were challenges against inclusion, while over **nine in ten decided appeals resulted in restoration** of the elector.



2. **Deletion before verification** — The central concern is that SIR **deletes electors before adequately verifying their eligibility**, thereby shifting the burden of proof from the electoral authority to the citizen.
3. **Evidence of wrongful exclusion** — The very high rate of restoration among decided appeals suggests that the process may have **struck off genuine voters**, raising concerns about the reliability of the initial deletion exercise.
4. **Delhi parallel** — The analysis also points to **24 of Delhi's 70 seats** having fewer electors in the draft rolls than the number who actually voted a year earlier, reinforcing concerns about enumeration and deletion.

Constitutional Safeguard and Way Forward

1. **Constitutional safeguard** — Electoral-roll revision must preserve **universal adult franchise**; maintaining accurate rolls cannot justify a process where eligible citizens must prove their entitlement only after being removed.
2. **Independent institutional credibility** — The controversy over the composition of the mechanism for selecting the Election Commission leadership has also raised concerns regarding the **"perception test"** and public confidence in electoral institutions.
3. **Audit before deletion** — Given the scale of discrepancies and subsequent restorations, the electoral-roll database should be **audited before further deletions** are undertaken.
4. **Reverse the burden** — The core principle should be that **the State establishes ineligibility rather than presuming it**, with verification and meaningful opportunity preceding exclusion wherever possible.

147. Trading Smart: India–New Zealand FTA

The India–New Zealand FTA, expected to come into force on **October 20**, illustrates how agreements with smaller trading partners can complement India's larger trade negotiations. Although bilateral trade of about **\$1.1 billion** is less than 1% of India's total goods trade, the agreement can provide alternative markets and trade routes, especially for **MSME exporters**, amid tariff and trade-route uncertainties.

1. **Diversifying trade opportunities** — The agreement provides **duty-free access for 100% of India's exports**, creating an additional market for Indian exporters. With **textiles (~14%)** and **pearls and semi-precious stones (~5%)** forming important labour-intensive exports, the deal can particularly benefit employment-intensive sectors.
2. **Balanced export basket** — India's exports also include capital-intensive products such as **pharmaceuticals, nuclear-reactor parts, vehicles, mineral fuels, electrical machinery and iron & steel**, giving the FTA a relatively broad sectoral base.
3. **MSME resilience** — Nearly half of India's exporters are **micro, small and medium enterprises**. Alternative markets can help them mitigate disruptions arising from **tariffs or closure of trade routes** through rerouting of exports.
4. **Strategic concessions** — India secured useful outcomes on **labour mobility**, including visa-related concessions for workers and students, while sensitive sectors were protected: **nearly 30% of India's imports from New Zealand remain outside tariff concessions**.
5. **Investment and external balance** — New Zealand has committed to facilitate around **\$20 billion of investment in India over 15 years**, adding an investment dimension to the trade relationship.
6. **Complementing big trade deals** — With **100% U.S. tariffs looming** and the Washington trade deal remaining elusive, smaller agreements can provide India with **alternative export channels** and strengthen its negotiating leverage.
7. **Larger lesson** — India's growing **international economic heft** can be used to negotiate targeted agreements with smaller partners, combining market access, investment and mobility while protecting sensitive sectors.

148. Tulu's 'Official' Tag in Karnataka: What It Means

Karnataka has decided to accord **Tulu the status of a secondary and additional administrative language** in the coastal districts of **Dakshina Kannada and Udupi**. The move seeks to recognise the region's linguistic and cultural heritage while facilitating greater use of Tulu in administration.

Tulu: Linguistic and Cultural Significance

1. **Dravidian language** — Tulu is one of the **five Dravidian languages** mentioned here, alongside Tamil, Telugu, Kannada and Malayalam. It is spoken mainly in coastal Karnataka and parts of northern Kerala.
2. **Distinct cultural identity** — Tulu has its own script, although it is now largely written using the **Kannada script**. It is closely associated with the cultural traditions of coastal Karnataka, including **Bhoota Kola** and other local practices.
3. **Significant speaker base** — Despite migration of Tulu-speaking people to cities such as Mumbai and Bengaluru, around **1.8–2 million people are native speakers**.

What the Recognition Provides?

1. **Administrative use** — Government offices in Dakshina Kannada and Udupi can now use Tulu for **official communication alongside Kannada**.



2. **Implementation support** — The State Cabinet has sanctioned **₹82 lakh every year** for translation, training and related activities to facilitate the use of Tulu in government offices.
3. **Long-standing demand** — The demand for recognition has been raised in the Karnataka legislature for years. Supporters have argued that Tulu was not granted separate linguistic status during the **1956 reorganisation of States**, unlike some other Dravidian languages.
4. **Cultural recognition** — Tulu-speaking communities have sought greater recognition of their linguistic heritage, arguing that its substantial speaker base and cultural depth warrant institutional recognition.

Challenges and Significance

1. **Limited institutional penetration** — Although the decision allows Tulu in education, signage and cultural promotion, only a **few signs** in the region are currently in Tulu. A major challenge is that relatively few people know the **Tulu script**, while the language is also not widely taught in schools and colleges.
2. **Preservation through use** — Recognition alone may not ensure preservation; wider use in **education, administration and public spaces** is necessary for the language to remain accessible to younger generations.
3. **Cultural heritage and governance** — The move represents an attempt to connect **administrative recognition with cultural heritage and local identity**, particularly in a region where Tulu-speaking communities have long sought greater recognition.

149. EC Appointment: Why the Supreme Court Placed the Matter Before a Constitution Bench

The Supreme Court is examining the constitutional validity of the **Chief Election Commissioner and Other Election Commissioners (Appointment, Conditions of Service and Term of Office) Act, 2023**, which replaced the earlier selection mechanism and excluded the **Chief Justice of India (CJI)** from the selection committee.

From Anoop Baranwal to the 2023 Law

1. **Article 324(2)** — The Constitution provides for appointment of the CEC and other ECs by the President, subject to any law made by Parliament. For **73 years**, Parliament had not enacted such a law and appointments operated through the executive framework.
2. **Anoop Baranwal judgment (2023)** — The Supreme Court held that, until Parliament made a law, appointments should be made on the recommendation of a committee comprising the **Prime Minister, Leader of Opposition and CJI**, reflecting the need for an independent election process.
3. **2023 statutory change** — Parliament subsequently enacted the 2023 law, replacing the CJI in the three-member committee with a **Union Cabinet Minister**, resulting in a panel comprising the **Prime Minister, Leader of Opposition and Union Cabinet Minister**.

Why Independence of the EC Matters?

1. **Institutional neutrality** — The Election Commission administers the electoral process, including electoral rolls and elections involving competing political actors. Hence, those entrusted with elections must be **“insulated from executive influence”**.
2. **Independence vs accountability** — The issue is not simply whether the executive has a role in appointments, but whether the overall composition of the selection mechanism creates adequate **checks, neutrality and public confidence**.
3. **Perception of independence** — Even where formal powers are preserved, the composition of the appointing body matters for the **perceived neutrality** of a constitutional institution.
4. **Separation of powers** — The case also raises a broader question: how should Parliament’s power to legislate under Article 324 be balanced against **judicially recognised principles protecting institutional independence?**

Why a Constitution Bench?

1. **Substantial constitutional question** — Under **Article 145(3)**, a Constitution Bench is required where a case involves a substantial question concerning interpretation of the Constitution. The disagreement is whether the 2023 law is already governed by the constitutional principle laid down in *Anoop Baranwal* or raises a **fresh constitutional question**.
2. **Split verdict** — One view holds that the earlier judgment has already settled the principle against exclusive executive control; the other considers the specific question of whether a **neutral/independent member is constitutionally mandatory** to be unsettled.
3. **Broader constitutional significance** — The case therefore goes beyond the composition of one committee. It concerns how India safeguards the **independence, credibility and democratic legitimacy of constitutional institutions**.
4. **Way forward** — Any appointment framework should balance **Parliamentary authority, executive accountability, opposition participation and institutional independence**, so that the Election Commission enjoys both functional autonomy and public confidence.



150. Chief Election Commissioner Is Not the Election Commission of India

The concerns surrounding the Special Intensive Revision (SIR) have raised a larger institutional question: **whether decisions of the Election Commission are being taken collectively and according to law, or whether the institution is functioning through unilateral decision-making.**

Collective Decision-Making and Institutional Accountability

1. **Commission, not individual** — Article 324 creates an **Election Commission**, not an institution meant to function through the unilateral decisions of its Chief. The article recalls the Supreme Court's observation that elections are entrusted to the **Commission as a whole**, not to an individual.
2. **Majority principle** — The 2023 EC Act provides that where the CEC and ECs differ, matters should ordinarily be decided by **consensus**, while Section 18(1) requires unanimity for certain matters; where unanimity fails, the **majority decides**. Thus, a CEC cannot simply override the statutory decision-making structure.
3. **Dissent matters** — Two Election Commissioners reportedly recorded objections **14 times in 10 months**, including on voter registration and deletion, restoration of names, **Form 6**, and control over the digital architecture of electoral rolls. This makes the issue one of **institutional functioning**, not merely individual disagreement.
4. **Constitutional body, statutory constraints** — A constitutional authority must exercise its powers within the framework prescribed by law. Decisions taken outside the statutory decision-making process can raise questions of **institutional legitimacy and accountability**.

SIR and the Electoral Database

1. **Form 6 controversy** — Form 6, prescribed under the Registration of Electors Rules, reportedly could not be altered merely through an SIR direction without amending the Rules. Yet an altered form appeared on the ECI's website, with one Commissioner reportedly calling the change **"unauthorised/illegal"** and seeking its immediate removal.
2. **Centralisation of electoral rolls** — The two Commissioners reportedly objected that access to the electoral-roll database had been **centralised in Delhi**, bypassing safeguards and independent technical audits. The concern is whether changes in the database were being made with adequate statutory and institutional oversight.
3. **Statutory authority of EROs** — Electoral Registration Officers are the statutory authorities for voter registration, deletion and correction. The reported centralised changes therefore raise a question of whether **local statutory authority was being overridden by the digital architecture**.
4. **Evidence from restoration** — In West Bengal, **38.31 lakh appeals** were filed before tribunals by deleted voters seeking restoration, while another **16.10 lakh appeals** were reportedly filed by the ECI challenging inclusion of other electors. The high number of restoration cases strengthens concerns about the electoral-roll revision process.

Protecting the ECI's Institutional Character

1. **Independence + collective functioning** — The ECI's independence does not mean freedom from statutory rules; rather, it requires the institution to function through **lawful, collective and accountable decision-making**.
2. **Audit and transparency** — The concerns call for an **independent technical and legal audit** of the electoral-roll database, review of decisions challenged for lacking proper approval, and restoration of decisions found to have been taken without lawful authority.
3. **Form 6 and statutory compliance** — The altered Form 6 should conform to the statutory Rules, while the ECI should clearly disclose the authority under which appeals and other actions are undertaken.
4. **Broader democratic principle** — Electoral institutions derive legitimacy not only from their constitutional status but also from **transparent adherence to their own procedures**.

151. A Nation's Song

The debate over **Vande Mataram** reflects a larger constitutional balance between **national symbols, freedom of religion, individual liberty and India's pluralistic identity**.

1. **National symbol, not majoritarian symbol** — Patriotism is presented not as **"reverence for a territory"** but as a shared commitment to India's diversity. National symbols and anthems are meant to **bind citizens together**, not become markers of majoritarian or minoritarian identity.
2. **Historical status** — *Vande Mataram* became a major symbol of the freedom struggle. The **Congress Working Committee in 1937** resolved that only its first two stanzas, which did not contain imagery objectionable to some communities, would be used for national purposes. In **1950**, it was accorded the same honour as *Jana Gana Mana*.
3. **Freedom of conscience** — The present debate raises the question of whether respect for a national song can be separated from **compelled participation**. The underlying constitutional tension is between collective national expression and the individual's **freedom of conscience and religion**.



4. **Legal protection of individual liberty** — The piece invokes the Supreme Court's reasoning that **standing in respectful silence cannot by itself amount to an offence**, particularly where there is no disturbance or provocation. Thus, patriotism cannot automatically be converted into a legal obligation to participate in a particular manner.
5. **The larger principle** — National symbols acquire legitimacy when they **unite across differences**. The constitutional idea of India's unity therefore requires both respect for national symbols and protection of the **freedom of conscience**, so that national integration does not become enforced uniformity.

152. A Chance to Retreat: Greenland and U.S. Security

Why Greenland Matters?

1. **Strategic location** — Greenland's position in the Arctic gives it importance for **U.S. and NATO security**, particularly as competition and military activity in the Arctic increase.
2. **1951 Defence Agreement** — The U.S.–Denmark agreement allowed U.S. military bases in Greenland and reflected Cold War strategic concerns. Today, Greenland hosts the **Pituffik Space Base**, reinforcing its continuing military significance.
3. **Arctic resources and routes** — The region's growing strategic importance is linked to **melting ice, emerging Arctic routes and access to natural resources**, including rare earths. Greenland's potential therefore has both security and economic significance.

The Greenland Agreement and the Way Forward

1. **Security accommodation** — The agreement reportedly allows the U.S. greater access to Greenland while respecting **Danish and Greenlandic sovereignty**, providing a possible way to address Washington's security concerns without changing Greenland's constitutional status.
2. **NATO framework** — Greenland remains within the Danish realm and therefore part of **NATO**, while the agreement seeks to accommodate enhanced U.S. security interests.
3. **Economic dimension** — Denmark has already blocked Chinese investments in rare-earth resources, indicating that **critical minerals and strategic supply chains** are also part of the broader Arctic equation.
4. **Autonomy vs strategic control** — Greenland's position as a **self-governing country within the Kingdom of Denmark** creates a delicate balance between greater U.S. strategic access, Danish sovereignty and Greenlandic autonomy.
5. **Diplomatic alternative** — The agreement offers a route based on **negotiation rather than coercion**, allowing security cooperation while avoiding a direct challenge to Greenland's existing political and territorial arrangements.

153. Alternatives to the SWIFT Payment System

The BRICS New Delhi Declaration sought greater use of **national currencies for trade and payments**. Multiple wars and the weaponisation of the dollar through financial sanctions have encouraged countries, particularly in the Global South, to explore alternatives to the Belgium-based **SWIFT** system for cross-border payments.

Emerging Alternatives to SWIFT

1. **mBridge** — A **multi-CBDC cross-border platform** involving the central banks of Thailand, UAE, China, Hong Kong and Saudi Arabia. It is designed for direct **peer-to-peer CBDC transactions** and reached minimum viability in 2024.
2. **CIPS** — China's **Cross-Border Interbank Payment System**, backed by the People's Bank of China. Launched in 2015, it enables global banks to clear **cross-border yuan transactions directly onshore**, reducing reliance on offshore yuan clearing hubs.
3. **SPFS** — Russia's **System for Transfer of Financial Messages**, developed in 2014 to bypass Western sanctions. After Russian banks were cut off from SWIFT in 2022, SPFS became an important alternative.
4. **SEPAM** — Iran's local interbank telecommunications system; by 2023, Iranian banks and foreign banks were connecting with numerous banks through SPFS using SEPAM.

Why Alternatives Matter — and Their Limits

1. **Sanctions resilience** — Wars and the use of financial sanctions have increased the desire for payment channels that are less vulnerable to disruption through Western financial infrastructure.
2. **CBDC opportunity** — Linking CBDCs could facilitate **cross-border payments in national currencies**, though limited global adoption of digital currencies and political and technical hurdles can constrain implementation.
3. **Still fragmented** — Unlike SWIFT's widespread acceptance, these systems remain **patchy and geographically concentrated**, limiting their ability to serve as universal substitutes.
4. **mBridge's progress** — The BIS supported Project mBridge from 2019 and exited it in **October 2024** after helping develop the platform. The project had reached **minimum viability status in 2024**, indicating technological progress but not yet a universal alternative.
5. **Larger trend** — The emergence of CIPS, SPFS, SEPAM and mBridge reflects a broader movement towards **diversifying international payment infrastructure and reducing dependence on a single dominant system**.



154 . ‘Enemy State’ in UN Charter: Why Japan Wants It Removed

Japan has renewed its demand to remove the “**enemy state**” clauses from the UN Charter, arguing that provisions created in the aftermath of the Second World War no longer reflect the contemporary international order. The issue also highlights the difficulty of reforming institutions built around the post-war balance of power.

What are the “Enemy State” Clauses?

1. **WWII legacy** — The UN Charter contains references to states that were **enemies of the Allied powers during the Second World War**, particularly in **Articles 53, 77 and 107**.
2. **Special treatment** — These provisions permit certain actions concerning former enemy states without following the normal procedures applicable to other UN members, reflecting the **post-war security framework** in which the Charter was drafted.
3. **Japan’s objection** — Japan, as one of the former enemy states, argues that retaining such provisions is anachronistic after decades of its participation in the UN system and its transformation into a major contributor to the international order.
4. **Earlier recognition of obsolescence** — The issue has been raised repeatedly by Japan and other former enemy states, while the UN General Assembly has also recognised that the clauses have become **obsolete**.

Why Removal Has Not Happened?

1. **Charter amendment required** — Removing the provisions requires amendment of the UN Charter, making the process considerably more difficult than simply declaring the clauses outdated.
2. **Institutional inertia** — The continued presence of these clauses reflects the wider difficulty of modifying institutions created in the **post-World War II era**, even when their original geopolitical rationale has weakened.
3. **UN reform connection** — Japan’s demand is linked to the broader question of whether the UN’s institutional structure adequately reflects **contemporary geopolitical realities**, including the changing role of countries that were once classified as enemy states.
4. **Legal continuity vs present realities** — The debate illustrates how provisions may remain formally embedded in an international treaty even after the circumstances that produced them have fundamentally changed.

155. Process to Remove the Chief Election Commissioner

The removal of the Chief Election Commissioner (CEC) is deliberately made difficult to protect the **independence and institutional autonomy of the Election Commission**. The Constitution places the CEC’s removal on a threshold comparable to that applicable to a Supreme Court judge.

Constitutional Safeguard for the CEC

1. **Article 324(5)** — The CEC can be removed from office only “**in like manner and on the like grounds as a Judge of the Supreme Court**”, i.e. for **proved misbehaviour or incapacity**.
2. **High threshold** — A removal motion must be passed by **both Houses of Parliament with the required two-thirds majority**, making removal deliberately difficult and preventing removal on ordinary political disagreement.
3. **Presidential action** — Once Parliament passes the motion, the **President orders the removal**, following the constitutional process.
4. **Other Election Commissioners** — Unlike the CEC, an Election Commissioner or Regional Commissioner can be removed only on the **recommendation of the CEC**, providing an additional layer of protection.

How is the CEC Removed?

1. **Grounds for removal** — The CEC can be removed only on the grounds of **proved misbehaviour or incapacity**, following the same constitutional standard applicable to a Supreme Court judge.
2. **Notice of removal motion** — A motion can be initiated in either House of Parliament. The notice must be signed by at least **100 members of the Lok Sabha or 50 members of the Rajya Sabha**.
3. **Admission of the motion** — The **Speaker of the Lok Sabha or Chairman of the Rajya Sabha** examines the notice and may admit or refuse to admit it. Merely obtaining the required signatures does **not** automatically trigger the inquiry.
4. **Inquiry Committee** — If the motion is admitted, a **three-member Inquiry Committee** is constituted to investigate the charges. It comprises:
 - ☐ a **Supreme Court Judge**,
 - ☐ a **Chief Justice of a High Court**, and
 - ☐ a **distinguished jurist**.
 The Committee examines the allegations and determines whether **misbehaviour or incapacity is proved**.
5. **Parliamentary approval** — If the Committee finds the charges proved, the motion is taken up by Parliament. **Both Houses must separately pass the motion** by a special majority:
 - ☐ a **majority of the total membership of that House**, and
 - ☐ a **majority of at least two-thirds of members present and voting**.



6. **President's order** — After both Houses pass the removal address in the prescribed manner, the address is presented to the **President**, who issues the order removing the CEC.

Why is Such Strong Protection Necessary?

1. **Electoral neutrality** — The ECI conducts elections involving the government, opposition and competing political actors. The CEC therefore needs freedom from fear of arbitrary removal.
2. **Institutional independence** — A government should not be able to threaten removal merely because the Commission takes a decision it dislikes.
3. **Constitutional accountability + security of tenure** — The system creates a balance: the CEC is **not immune from removal**, but removal requires **proved misbehaviour/incapacity and a very high parliamentary threshold**.
4. **Public confidence** — Independence of the election authority is essential for citizens and political parties to trust that elections are being administered fairly.

156 . Don't Ask Women to Shrink, Secure Their Space

The **Nirbhaya incident of 2012** exposed the vulnerability of women in public spaces and triggered nationwide demands for stronger safety measures. Yet the persistence of crimes against women shows that the issue is not simply a lack of laws, but also **weak implementation, poor institutional accountability and unsafe public infrastructure**. The article notes that despite legal and institutional measures, Delhi recorded **13,396 crimes against women in 2024**, indicating the continuing gap between formal safeguards and women's lived experience.

Women's safety therefore requires moving beyond treating each incident as an isolated crime. **Better policing, stronger emergency response, safer public transport, well-designed and well-lit public spaces, functioning CCTV systems and gender-sensitive urban planning** are important, but so is ensuring that women can actually use public spaces without being asked to restrict their mobility. The key idea is **"freedom of movement"**: women should not have to stay indoors, avoid certain places or depend on others for safety; public spaces should be made safe enough that women can use them with the same freedom that men often take for granted.

157 . Narrowed Posture

The Kasturirangan Report proposed a **"pro-development attitude"** towards the Western Ghats, balancing ecological protection with economic activity. Karnataka's reservations concern the extent of ESA coverage and its implications for livelihoods and development.

ESA Debate: Conservation vs Development

1. **Karnataka's objections** – The State has opposed the Kasturirangan recommendations, particularly the **"large number of villages"** included within the proposed ESA.
2. **Remo- and satellite-based identification** – The Report uses **remote sensing and satellite data from 2012** to distinguish natural from human-dominated landscapes; Karnataka questions the accuracy of this methodology.
3. **Human settlements within ESA** – Under the recommendation, a village may be placed within an ESA even if **at least 20% of it** is considered ecologically sensitive, potentially bringing **farmland and human settlements** under restrictions.
4. **Livelihood concerns** – Karnataka argues that ESA restrictions could affect **agriculture, mining, construction and other economic activities**, creating concerns over the livelihoods of local communities.

Karnataka's Alternative Approach

1. **Alternative mapping** – Karnataka has preferred to **resist the ESA framework** and has proposed identifying ecologically sensitive areas through an **alternative map**, rather than accepting the Kasturirangan framework in its entirety.
2. **2013–14 directive** – The Centre's directive to States to begin **ground-truthing** the recommendations triggered opposition in Karnataka, particularly over concerns about livelihood impacts and restrictions.
3. **State-specific approach** – Karnataka argues that ecological protection should account for **local conditions and developmental requirements**, rather than applying a uniform framework.

Why the ESA Issue Matters?

1. **Conservation–livelihood balance** – ESA demarcation involves a difficult balance between **environmental protection and the economic needs of local communities**.
2. **Developmental pressure** – The State faces competing pressures from **mining, agriculture and infrastructure**, while the Western Ghats require ecological protection.
3. **Political and economic implications** – States may have incentives to negotiate the extent of ESAs because restrictions can affect **economic activity, employment and local political interests**.
4. **Need for contextualisation** – Karnataka's experience highlights the need to reconcile **national ecological priorities with State-specific developmental realities**.



158. Overweight and Weak

The **81st session of the UN General Assembly** reflects a widening gap between the UN's institutional framework and a rapidly changing global order marked by conflicts, unilateral sanctions, geopolitical polarisation and weak multilateral cooperation.

A Multilateral System Under Strain

1. **Rising global conflicts** – The world faces an expanding conflict landscape, with **more than 65 active conflicts across 35 countries in 2025**, the highest level since 1946.
2. **Polarisation and unilateralism** – Growing **geopolitical polarisation**, unilateral sanctions and illegitimate use of power have weakened the UN's capacity to function as an effective multilateral institution.
3. **Under-representative order** – The UN's institutional structure is increasingly seen as **overweight, weak and unrepresentative of the contemporary world**, particularly because global power realities have shifted substantially since 1945.
4. **Security Council limitations** – The failure to resolve conflicts such as **Ukraine and Gaza**, alongside the inability to produce durable solutions, highlights the limitations of the existing multilateral system.

Leadership and Institutional Effectiveness

1. **Weak political coordination** – The selection of the next **UN Secretary-General** assumes significance as member states seek leadership capable of navigating a fragmented international environment.
2. **Competing geopolitical priorities** – The inability of major powers to reach common positions on issues such as **Iran, Gaza and the Persian Gulf** demonstrates how strategic rivalries constrain collective action.
3. **Reform deficit** – The persistence of old institutional structures amid new geopolitical realities strengthens the case for **UN reform and a more representative global governance system**.

India and the Reform Agenda

1. **India's multilateral push** – India's campaign for a **two-year non-permanent UNSC seat** and its advocacy for a **rules-based international order** reflect its emphasis on strengthening multilateral institutions.
2. **Strategic autonomy** – India's approach combines engagement with different power centres while supporting **UN Charter-based diplomacy and a rules-based global order**.
3. **Global South representation** – India's position highlights the need for greater voice for emerging powers and developing countries in global decision-making.
4. **BRICS–UN linkage** – India's balancing approach, including the **New Delhi BRICS Summit**, underlines the effort to strengthen alternative platforms while retaining the UN as the central framework for global governance.

159. Revisiting India's Nuclear Doctrine Without Revising It

Why the Strategic Environment Has Changed

1. **China–Pakistan nexus** – China has expanded and modernised its nuclear forces, strengthened military infrastructure along the **Line of Actual Control**, and deepened cooperation with Pakistan. Pakistan has also diversified its nuclear capabilities, including **tactical nuclear weapons**, challenging India's earlier assumptions.
2. **Technological disruption** – **AI, cyber capabilities, space-based surveillance, hypersonic weapons and ballistic missile defence** are compressing decision-making timelines and increasing uncertainty about command-and-control and survivability.
3. **Geopolitical realignment** – The Indo-Pacific has become a major arena of great-power competition, while **U.S.–China rivalry, closer China–Russia coordination and India's expanding partnerships** have reshaped India's security environment.

Review, Not Revision

1. **Core doctrine remains relevant** – The existing framework centres on **credible minimum deterrence, No First Use (NFU), massive retaliation and survivable second-strike capability**. The changing environment does not automatically invalidate these principles.
2. **Declaratory posture vs operational realities** – Pakistan's tactical nuclear weapons and the possibility of **multiple nuclear contingencies** raise questions about whether India's declaratory posture remains sufficiently clear and credible without abandoning NFU.
3. **Emerging technologies** – AI, cyber and space capabilities can affect **early warning, command-and-control and survivability**. They therefore require doctrinal review even if the fundamental principles remain unchanged.
4. **Caution against ambiguity** – Greater ambiguity may create **miscalculation and crisis-management risks**, particularly when adversaries possess diverse nuclear capabilities.

Building Credible Nuclear Capability

1. **Strengthen survivability** – India's priority should be ensuring a **credible second-strike capability** through resilient nuclear forces, command-and-control systems and survivable platforms.



2. **Integrate new technologies** – AI, cyber resilience, early-warning systems and emerging technologies need to be incorporated into nuclear risk management and command structures.
3. **Review without abandoning NFU** – A periodic review can clarify how existing principles apply to **new technologies, multiple contingencies and strategic competition**, without necessarily changing the doctrine itself.
4. **Doctrine + capability** – A nuclear doctrine is ultimately meaningful only when backed by **credible deterrence, responsible stewardship and enduring strategic capability**.

160. A Declining United Nations Is Not Good News for a Rising India

Why a Weaker UN Matters for India?

1. **Voice for emerging powers** – India's growing economic and diplomatic weight needs effective multilateral institutions where emerging powers can influence global decision-making rather than being sidelined by major powers.
2. **Rules-based order under strain** – Unilateral coercive measures and powerful countries bypassing established rules weaken the predictable international environment that India benefits from.
3. **Global conflicts** – The **Ukraine conflict** and the war in **Gaza** illustrate the UN's difficulty in preventing or resolving major conflicts, with wider consequences for energy, food, trade and geopolitical stability.
4. **Multilateralism vs unilateralism** – India has traditionally supported **multilateralism**, but a declining UN can push international politics towards unilateral actions and power-based bargaining.

Emerging Challenges to Global Governance

1. **Universal membership, unequal influence** – Although the UN has universal membership, smaller countries often have limited influence compared with major powers; universal membership can become **“a claim to a major power's invitation.”**
2. **Economic coercion** – Unilateral measures can disrupt trade, payments and development, while the UN's limited ability to address such coercive measures creates uncertainty for developing economies.
3. **New global issues** – AI, cyber technologies and emerging technologies are creating challenges that require **international rules, cooperation and common standards**, but fragmented global governance makes consensus difficult.
4. **Development agenda** – Weak multilateral coordination can undermine collective action on **climate change, poverty, health, education and sustainable development**, areas particularly important for developing countries.

India's Stake in UN Reform

1. **Security Council reform** – India's long-standing demand for **permanent membership** reflects the need to align the Council's composition with contemporary geopolitical and economic realities.
2. **Broader representation** – India's engagement with the **G4 and developing countries** seeks a more representative decision-making structure rather than continued concentration of authority among existing permanent members.
3. **Reformed multilateralism** – For India, the objective is not merely institutional expansion but a UN capable of addressing **economic coercion, conflicts, emerging technologies and global development challenges** through credible rules.
4. **Strategic autonomy** – A functional multilateral system gives India greater diplomatic space to pursue its interests while maintaining engagement across competing power centres.

161. Displacing the Dollar: Why the Yuan Is Falling Short

Why the Yuan Has Not Replaced the Dollar

1. **Dollar network effects** – The dollar's dominance rests not only on U.S. economic size but also on its deep integration into **global trade, finance, payments and reserves**. Replacing it therefore requires a comparable international financial ecosystem.
2. **Capital controls** – China's restrictions on capital flows limit the yuan's attractiveness as a freely usable international currency. International users need confidence that they can move and convert funds without excessive restrictions.
3. **Trust deficit** – Internationalisation requires confidence in the **rule of law, institutional independence, property rights and policy predictability**. Concerns over China's policy environment constrain wider yuan adoption.
4. **Limited reserve-currency appeal** – The yuan's share of international payments remains small despite China's enormous trade footprint, indicating that **economic size alone does not create currency dominance**.

CIPS: Building an Alternative Payment Network

1. **CIPS expansion** – China's **Cross-Border Interbank Payment System (CIPS)** provides an alternative channel for yuan-denominated cross-border payments and has expanded its international reach.
2. **Sanctions resilience** – CIPS can reduce dependence on **SWIFT** for transactions involving countries seeking alternatives to Western financial infrastructure, particularly under sanctions pressure.
3. **But not yet a SWIFT substitute** – The system remains embedded within the wider global financial architecture and does not yet possess the scale, trust and universality of the dollar-centred system.



4. **Digital and bilateral experimentation** – China’s efforts around **digital yuan and bilateral currency arrangements** could gradually expand the yuan’s international role, particularly where countries seek alternatives to dollar-based payments.

Why the Dollar Still Dominates

1. **Deep financial markets** – The U.S. offers highly developed and liquid financial markets, making dollar assets attractive for international investors and central banks.
2. **Global invoicing and payments** – The dollar remains deeply embedded in **trade invoicing, financial contracts and cross-border transactions**, creating powerful network effects.
3. **Trust and convertibility** – The international role of a currency depends on more than trade volume: **open financial markets, institutional credibility, legal certainty and ease of conversion** are critical.
4. **Dollar’s structural advantage** – China may expand the yuan’s international role, but the persistence of these structural advantages explains why **yuan internationalisation has not translated into displacement of the dollar**.

162. How Taiwan Looms Large in U.S.–China Ties

Why Taiwan Is Central to the Rivalry

1. **Core sovereignty issue** – China regards Taiwan as part of its territory and opposes any move towards formal Taiwanese independence, making the issue closely linked to Chinese national sovereignty and territorial integrity.
2. **U.S. strategic ambiguity** – Since establishing diplomatic relations with Beijing in 1979, the U.S. has maintained a policy that recognises the **People’s Republic of China as the sole legal government of China**, while continuing substantial unofficial relations with Taiwan.
3. **Security commitment** – The **Taiwan Relations Act** provides the framework for U.S. unofficial relations and defence-related support to Taiwan, while Washington has deliberately avoided giving an unequivocal commitment on whether it would militarily intervene.
4. **Strategic geography** – Taiwan’s location in the Western Pacific gives it significance for the regional military balance and the broader U.S.–China strategic competition.

What Makes the Current Situation Sensitive

1. **Military pressure** – Increased Chinese military activity around Taiwan has heightened concerns about escalation and miscalculation.
2. **Taiwanese identity** – The island’s distinct political development and growing sense of separate identity complicate Beijing’s objective of eventual reunification.
3. **U.S. arms and support** – Continued American arms transfers and political engagement with Taiwan are viewed by Beijing as interference in its internal affairs, while Washington presents them as part of maintaining peace and stability across the Taiwan Strait.
4. **Risk of escalation** – A crisis could involve not only China and Taiwan but also the U.S., creating a wider **great-power confrontation** with consequences for regional security and the global economy.

Why It Matters Beyond Taiwan

1. **Indo-Pacific order** – Taiwan is closely connected with the wider balance of power in the Indo-Pacific and the credibility of U.S. alliances and partnerships.
2. **Semiconductor significance** – Taiwan’s importance in advanced semiconductor production adds an economic and technological dimension to the strategic rivalry.
3. **Strategic stability** – The central challenge is maintaining **deterrence without triggering escalation**, while preserving space for diplomacy and avoiding unilateral changes to the status quo.

163. Gen Z is much more than political street theatre

Gen Z’s political participation should not be reduced to **street protests, social-media activism or political labels**. It is a politically diverse generation—progressive, conservative, nationalist, indifferent—and is increasingly questioning **government decisions, political institutions and accountability**. The real concern is whether this political energy becomes informed and sustained democratic participation.

Young citizens need to **question authority while also understanding how authority works**. Protest has a place in democracy, but participation also requires institutional engagement, constructive dissent and civic responsibility. Political activism should therefore not become an end in itself.

The “**real Gen Z**” is one that converts youthful energy into **service, innovation, entrepreneurship, community engagement and institution-building**. The emphasis is on contributing to society through action and achievement rather than seeking visibility merely through political theatre.



164. In need of an overhaul

The Election Commission's response to the Supreme Court's objections over the **Special Intensive Revision (SIR)** is presented as inadequate damage control. The concern is that the ECI's response addresses **administrative difficulties** but does not adequately answer substantive questions about the deletion of electors, verification, and the burden placed on citizens. The scale of deletions is particularly significant: nearly **10% of the draft rolls in Bihar** had been deleted, with similar concerns emerging in West Bengal and other States.

The central issue is the **"delete first, verify later"** approach. The process has placed a considerable burden on electors to prove their eligibility, while the ECI's insistence on documents and verification has raised concerns about exclusion of genuine voters. The Supreme Court's intervention and its insistence on constitutional principles underline that electoral-roll revision cannot become a process where **citizens are required to repeatedly establish their right to vote**.

The broader concern is **institutional accountability and the sanctity of universal adult franchise**. The ECI's constitutional status requires it to ensure accurate electoral rolls while simultaneously protecting legitimate voters from arbitrary exclusion. With the draft rolls involving millions of deletions and potentially large numbers of appeals, the emphasis needs to be on **transparent verification, individualised decisions and restoration of genuine voters**, rather than merely defending the existing process.

165. New equilibrium

Xi Jinping's visit to the U.S. produced a **temporary new equilibrium** in U.S.–China ties, with both sides reaching limited agreements despite deep strategic differences. The meeting produced an agreement on **fentanyl**, a **\$30-billion reciprocal tariff reduction**, increased U.S. purchases of Chinese agricultural goods, and Chinese purchases of U.S. energy and agricultural products. Both sides also agreed to establish a **dialogue on Artificial Intelligence** and explore a channel for incidents, while some contentious issues such as **Taiwan arms sales** were deferred.

However, these outcomes do not erase the broader shift in the relationship from **trade disputes towards strategic rivalry**. The relationship remains rooted in structural challenges, including competition for global influence and strategic rivalry. Both sides appear to be seeking a **temporary truce rather than a durable resolution**, with each retaining the ability to recalibrate its position.

For India, this emerging equilibrium is significant because it challenges the assumption that **India can act as a balancing force against Chinese influence**. The U.S. outreach to Beijing, including the emphasis on a more constructive relationship, contrasts with New Delhi's recent concerns over Chinese influence. The emerging U.S.–China arrangement therefore creates a more uncertain strategic environment for India and requires it to reassess the assumption that U.S.–China rivalry will necessarily work in India's favour.

166. Kashmir as India's Gateway to Eurasian Opportunity

Demographic Potential → Economic Opportunity

1. **Aspiration–reality gap:** Digital exposure has widened young people's aspirations, but inadequate **meaningful employment and economic independence** can convert aspirations into frustration and disillusionment.
2. **Demographic dividend:** A youthful population becomes an asset only when backed by **education, skills, employment and economic opportunity**.
3. **Underutilised assets:** Hydroelectric potential, minerals, forests and tourism provide a substantial resource base that can support employment and enterprise.
4. **Opportunity, not permanence:** Demographic advantage is a **window of opportunity**, not a permanent condition; without productive absorption, a young population can become a source of social pressure.

Historic Crossroads → Eurasian Connectivity

1. **Civilisational corridor:** Kashmir and Ladakh historically connected **South Asia with Central Asia**, carrying not only merchandise but also **ideas, philosophy, literature, cultures and skills**.
2. **Human networks:** Traders, scholars and craftsmen moved through these routes; the region's **handicraft traditions** were enriched by exchanges with Central Asian craftsmen.
3. **Economic corridors:** Historically important routes can be identified and developed as **modern economic corridors**, beginning where security conditions permit.
4. **Phased reconnection:** Reopening routes requires **security, confidence-building and sustained engagement** with neighbouring countries; hence connectivity should expand progressively rather than abruptly.

Connectivity → Opportunity & Integration

1. **Regulated connectivity:** Connectivity need not automatically conflict with security; carefully regulated links can create **economic interdependence and greater stability**.
2. **Diversified economy:** Better connectivity can generate opportunities in **construction, transport, manufacturing, agriculture, logistics, finance and technology**.



3. **Wider markets:** Stronger links with **Central Asia, Ladakh and the rest of India** can bring investment, tourism and commerce into the region.
4. **Youth-centric development:** The ultimate test is whether connectivity creates **meaningful work and economic independence** for J&K's young population.

167. The Paradox of de-Sinification in Global Production

Global firms are trying to reduce dependence on China by relocating production, but **factories are easier to move than industrial ecosystems**.

Factory Relocation is not equal to Ecosystem Relocation

1. **Embedded ecosystems:** Moving a factory may be relatively straightforward, but reproducing the **supplier networks, engineering capabilities, specialised skills and production relationships** around it is much harder.
2. **China's evolving advantage:** China is not static; firms such as **BYD** continue to develop advanced capabilities, while companies such as **Memory-chip maker CXMT** illustrate continued dependence on foreign technology and equipment.
3. **Reverse dependence:** Chinese firms themselves face the difficulty of moving overseas because their competitiveness often depends on the **industrial ecosystem surrounding them**.
4. **BYD example:** As BYD builds manufacturing capacity abroad, it is choosing between developing new supplier relationships and relocating established Chinese suppliers—showing the difficulty of reproducing an ecosystem outside China.

The Real Paradox of de-Sinification

1. **Two-way dependence:** Foreign firms trying to reduce Chinese exposure may discover that their own production networks are deeply integrated with China; simultaneously, Chinese firms expanding abroad remain dependent on the capabilities and relationships developed at home.
2. **Accumulated capabilities:** Industrial ecosystems embody **repeated interaction, specialised skills, tooling, logistics networks and knowledge**, which cannot simply be recreated through formal contracts.
3. **Path dependence:** Decades of accumulated industrial relationships create a **sticky production geography**; changing the location of a factory does not automatically relocate the capabilities surrounding it.
4. **Two routes:** Firms can either **disentangle from the ecosystem** or make the ecosystem portable by recreating its capabilities elsewhere—but both involve substantial cost and time.

What India Needs: Build the Ecosystem

1. **Beyond factory attraction:** India needs to move from attracting individual manufacturing units to building **domestic industrial ecosystems** with suppliers, skilled workers, logistics, quality systems and component capabilities.
2. **Component depth:** Japan's expansion of battery production and **Honda's Indian manufacturing base** illustrate the importance of developing production ecosystems rather than isolated factories.
3. **Supplier networks:** India needs to build capabilities across **electronics, components, specialised suppliers and skilled engineering**, so that incoming firms develop deeper domestic linkages.
4. **Lowering ecosystem costs:** Firms will consider India more seriously when **cost, quality, delivery standards, infrastructure, skills and supplier networks** become competitive together.
5. **Opportunity from reorganisation:** The movement of factories away from China can help India, but the larger opportunity is to convert this relocation into **gradual accumulation of an industrial ecosystem**.

168. Should Voting Be a Fundamental Right?

The debate has been revived by concerns over **voter additions, deletions and electoral-roll administration**, raising the question whether the **"right to vote"** should move from a statutory guarantee to a fundamental right.

Universal Adult Suffrage: India's Foundational Choice

1. **Democratic equality:** India chose **immediate, universal adult suffrage**, unlike countries that expanded voting rights gradually. Article 326 guarantees adult suffrage and reflects the Constitution's commitment to political equality.
2. **Constituent Assembly vision:** The Assembly rejected attempts to restrict voting through **property, education or other qualifications**, recognising the vote as central to democratic participation.
3. **Ambedkar's position:** Ambedkar viewed universal adult suffrage as an essential part of the democratic framework, enabling citizens to **choose their representatives and shape governance**.
4. **Representation and citizenship:** The argument is not merely about casting a vote; voting gives citizens a direct role in determining who governs them.

Statutory Right or Fundamental Right?

1. **Article 326 framework:** The right to vote is presently located within the constitutional framework of elections, but is treated as a **statutory/legal right**, rather than an independent fundamental right.



2. **Judicial position:** The **Supreme Court in Jyoti Basu** treated the right to elect as a statutory right, while the **Kuldip Nayar** judgment also recognised the statutory character of the right to vote.
3. **Minority view:** In Kuldip Nayar, Justice S.B. Sinha's dissent viewed the right to vote as an **inseparable part of the democratic process**, linking it more closely with Article 21.
4. **Constitutional question:** Elevating voting to a fundamental right would change the nature of electoral protection and potentially make restrictions on the right subject to **stronger constitutional scrutiny**.

Why Accurate Electoral Rolls Matter

1. **Right to vote vs access to vote:** A legal entitlement becomes meaningful only when eligible citizens can actually exercise it. Hence, **accurate and fair electoral rolls** are essential.
2. **Administrative exclusion:** The concern is that eligible voters may be deleted not because of electoral fraud, but because of **administrative errors, incorrect data or procedural failures**.
3. **ECI responsibility:** Under Article 324, the ECI has constitutional responsibility for the **superintendence, direction and control of elections**, including maintaining electoral integrity.
4. **Recent deletions:** The cited episode involving **97 eligible voters from Goa** being dropped from the rolls illustrates how administrative inertia can affect the practical exercise of the franchise.

169. COP31: Türkiye Hosts, Australia Leads Negotiations — The Fossil-Fuel Question

Fossil-Fuel Dependence: The Central Contradiction

1. **Heavy dependence:** Both Australia and Türkiye remain heavy users of **fossil fuels**; Australia is also the world's **third-largest fossil-fuel exporter**.
2. **Australia's transition challenge:** Australia continues to rely heavily on coal, gas and oil, while industries such as **iron-ore and coal mining, heavy machinery and manufacturing** remain important parts of its economy.
3. **Türkiye's transition efforts:** Türkiye has pursued **recycling, methane reduction, "zero waste" and a circular economy**, while its local EV industry is also expanding.
4. **Different priorities:** Türkiye's **"Blue Dialogue"** has focused on marine resources, while fossil-fuel transition remains a contested priority.

Fossil-Fuel Roadmap and Climate Finance

1. **EU proposal:** At COP30, the EU advocated a **"global fossil fuel roadmap"** to transition away from fossil fuels while increasing adaptation finance for developing countries.
2. **Differentiated responsibilities:** India did not oppose the principle that responsibilities should be **differentiated**, but argued that the UNFCCC process has been slow in producing concrete action towards transition away from fossil fuels.
3. **Loss and Damage:** The **Loss and Damage Fund** remains an important part of the climate-finance discussion, particularly for developing countries facing severe climate impacts.
4. **Finance gap:** The transition away from fossil fuels needs to be accompanied by **greater climate finance**, with concerns that attention to mitigation should not divert resources from developing countries' adaptation needs.

COP31: From Roadmap to Implementation

1. **Fossil-fuel language:** There is likely to be pressure on the COP31 presidencies to include **fossil-fuel language** in the agenda.
2. **Nepal floods:** The catastrophic floods in Nepal on **August 26** and the damage caused are expected to add momentum to mitigation action, including discussion around fossil fuels.
3. **Concrete implementation:** Countries are expected to bring **new agenda items and proposals** to COPs rather than relying only on existing commitments.
4. **"Road map" negotiations:** The EU's proposal for a roadmap shows the direction of the debate, but the negotiations will determine **what the roadmap contains and how it is implemented**.
5. **Energy transition:** The presidency is also expected to consider practical steps such as **electrification of buildings, transport and industry**, alongside renewable energy.

170. UN Sea Level Declaration

The **UN Sea Level Declaration**, adopted by the UN General Assembly on **September 24 by consensus**, addresses the growing threat of sea-level rise, particularly for **low-lying countries and small island states**. It affirms that despite rising seas, their **territorial sea, Exclusive Economic Zone (EEZ), sovereign rights and maritime zones** will continue to be defined in accordance with UNCLOS. Emerging from a **2024 high-level meeting**, the declaration focuses on an **action-oriented agenda** covering **science and data, adaptation and financing, livelihoods and socio-economic development, data-sharing, and legal consequences of sea-level rise**. It also calls for responses that protect **livelihoods and cultural heritage** and involve affected communities, while recognising the concerns of AOSIS (**Alliance of Small Island States**) and the need for continued scientific monitoring and legal assurances for vulnerable States.



171. From Nepal to India: How AI Is Aiding Disaster Management

Recent disasters in Nepal and India highlight the growing use of **Artificial Intelligence (AI)** in disaster management—from forecasting and early warning to damage assessment and post-disaster recovery.

Growing Utility and Use

1. **AI-enabled rescue:** A Nepal government web portal combined **real-time geospatial data with local data** to identify possible survivors; drones equipped with **thermal cameras** helped detect trapped people through heat signatures.
2. **Predictive forecasting:** AI can process **large volumes of data** rapidly, improving weather and hazard forecasts and reducing uncertainty in predictions.
3. **Localised warnings:** IIT Bombay's AI-based work is being used for **local forecasting and heavy-rain prediction**, while AI-powered systems provide services such as **early warning, hazard mapping and geocoding**.
4. **Flood prediction:** Google's **Flood Hub** uses AI-based prediction models and has been used in India to forecast flooding events, with forecasts extending up to several days.

Early Warning → Faster Response

1. **Targeted response:** AI can combine hazard and location data to identify **affected areas, blocked roads and potential landing zones for helicopters**, helping authorities prioritise relief and rescue.
2. **Resource allocation:** Such tools can help local governments determine **where relief should be directed**, making disaster response more targeted.
3. **Integrated intelligence:** AI's value lies in processing multiple datasets quickly and converting them into **actionable information** for disaster-response agencies.

Post-Event: From Damage to Recovery

1. **Damage assessment:** AI tools can identify **damaged habitats, road conditions and locations requiring relief**, supporting faster post-disaster assessment.
2. **Recovery planning:** AI can help authorities understand the scale and geography of damage and assist in prioritising **rehabilitation and reconstruction**.
3. **Human oversight:** The key concern is that AI must not simply be deployed for its technological capability; its integration should provide **timely, equitable and targeted protection**, particularly for vulnerable communities.

172. Little to Show, Much for India to Watch

The Xi–Trump summit produced **no notable breakthrough**, but the U.S. and China agreed to extend their trade truce. For India, the important issue is that Washington–Beijing accommodation can coexist with continued **U.S. tariff pressure on India**, particularly over Russian oil.

Limited Summit, Managed Competition

1. **Trade truce extension:** Washington and Beijing extended the **Busan Agreement until January 10, 2027**, with both sides agreeing to avoid new tariffs and trade restrictions during Xi's visit.
2. **AI remains contested:** The summit did not produce a substantive AI-safety settlement, although both sides agreed to continue an AI dialogue and explore mechanisms for managing AI-related incidents. Discussions included **AI agents, safety, progress reports and a possible hotline**, while Trump said AI should retain **"human control."**
3. **Technology divide:** The U.S. and China remain divided over **AI governance and technology**, with Chinese users reportedly more favourable towards AI's use and Americans more concerned about its risks.
4. **Taiwan flashpoint:** A roughly \$14-billion Taiwan arms package remained pending, highlighting that the trade accommodation did not resolve deeper strategic tensions.

India's Tariff Vulnerability

1. **Trade protection for China:** The U.S.–China understanding gives Beijing greater protection from immediate tariff escalation, while **India remains exposed to U.S. tariff pressure**.
2. **Russian oil trigger:** The U.S. has created a framework allowing tariffs of up to 100% on countries purchasing Russian energy, keeping India's continued Russian-oil purchases a potential source of tariff exposure.
3. **Unequal pressure:** India has not secured a comparable trade agreement with the U.S.; unlike China, it remains exposed while Washington and Beijing have a framework for managing their trade dispute.
4. **India–China comparison:** The emerging pattern creates a difficult situation for India: **China gains temporary tariff relief while India continues negotiating under tariff pressure**.

Strategic Implication for India

1. **Do not assume rivalry benefits India:** The summit demonstrates that **U.S.–China rivalry can give way to tactical accommodation** when both sides see an interest in managing tensions.



2. **Strategic autonomy:** India's challenge is to manage its relationships with both major powers while protecting its **energy security, trade interests and strategic space**.
3. **"Much to watch":** The key concern is not the summit's immediate outcome but how a changing U.S.–China relationship affects **India's tariff exposure, Russian-oil policy and wider strategic calculations**.

173. Reading Sino-US Signals: 'Strategic Competition' vs 'Strategic Stability'

From Economic Decoupling to Managed Competition

1. **Economic recalibration:** The U.S. has shifted from an earlier focus on **economic decoupling** towards managing competition through tariffs, export controls, technology restrictions and new economic mechanisms.
2. **China's adaptation:** China has responded through **economic and technological self-reliance**, while remaining integrated with global trade.
3. **Not full decoupling:** The relationship continues to involve **trade, agricultural purchases, supply chains and technological interdependence**, making complete separation difficult.
4. **Strategic competition + stability:** Strategic competition can coexist with stability if both sides maintain **clear boundaries, communication and crisis-management mechanisms**.

AI: New Frontier of Strategic Competition

1. **AI guardrails:** The debate is shifting towards establishing **guardrails for AI**, particularly where advanced technologies have implications for military and strategic stability.
2. **Different approaches:** The U.S. approach emphasises **export controls and technological restrictions**, while China stresses technological development and strategic autonomy.
3. **Security dilemma:** AI-enabled military systems and autonomous capabilities can **compress decision-making timelines**, increasing the risk of miscalculation.
4. **Need for dialogue:** AI incidents may require **rational security discussions and crisis-management channels**, even amid wider technological competition.

Taiwan: The Principal Flashpoint

1. **Taiwan remains central:** Taiwan continues to be the most serious point of potential confrontation in the U.S.–China relationship.
2. **U.S. concern:** Washington is concerned about maintaining the **status quo** and preventing unilateral changes.
3. **Chinese position:** Beijing considers Taiwan a core sovereignty issue and rejects external interference.
4. **Escalation risk:** The combination of military pressure, technological competition and opposing strategic objectives makes Taiwan a potential source of **strategic instability**.

174. Tamil Links to West Asia: What Poompuhar Reveals

Underwater excavations at **Poompuhar**, the ancient Chola port city near the mouth of the Cauvery, have provided evidence of its extensive **maritime and commercial connections**, including possible links with West Asia.

1. **Ancient Chola port:** Poompuhar, at the mouth of the **Cauvery**, was an important Chola port and maritime centre.
2. **Underwater excavation:** Exploration by the **Tamil Nadu State Department of Archaeology and Indian Maritime University** recovered pottery and structural remains from the submerged settlement.
3. **West Asian connection:** A **West Asian "torpedo jar"**, provides evidence of overseas trade links.
4. **Trade commodities:** Such jars were associated with transportation of commodities such as **wine and olive oil**, indicating long-distance maritime commerce.
5. **Indian Ocean network:** The finds point towards Poompuhar's connections with the **Arab world and wider Mediterranean trading networks**.
6. **Port infrastructure:** **Terracotta ring wells, brick structures, stone slabs and possible wharf remains** indicate organised settlement and maritime activity.
7. **Submerged city:** Archaeological evidence suggests that parts of ancient Poompuhar were submerged, with a **buried palaeochannel and ancient riverbed** identified.
8. **Flooding:** **Catastrophic floods** are cited as a possible cause of the destruction and submergence of parts of the ancient city.
9. **Historical significance:** The discoveries add archaeological evidence to the understanding of **Tamilakam's maritime links with West Asia** and its wider overseas trading connections.

175. Light on Truth

The proposed exemption of the **Tamil Nadu Public Department from the RTI Act** raised concerns over transparency, particularly because the department deals with **law-and-order and intelligence-related matters**. The move was criticised as an attempt to restrict access to information through a **government order**, despite the RTI Act itself already providing exemptions for



sensitive information and specified intelligence/security organisations. The government subsequently withdrew the order following protests, but the episode highlights the tension between **administrative secrecy and citizens' right to information**.

The larger concern is the **weak institutional capacity of the RTI framework**. The **Satark Nagrik Sangathan report (2025–26)** found a backlog of **over 41,000 appeals and complaints** before the Tamil Nadu State Information Commission as of June last year, while the Commission was functioning with only **half of its eight sanctioned Information Commissioner posts**. Thus, the priority should be strengthening the information-commission system, filling vacancies and reducing pendency rather than expanding secrecy, because **effective access to information is central to transparent and accountable governance**.

176. Waves of Rain

Odisha recorded **1,453 mm rainfall, 29% above normal**, despite a **47% deficit in June**, reflecting a changing rainfall pattern marked by repeated, short-interval intense spells from successive Bay of Bengal systems. This led to swelling of Brahmani and Mahanadi and triggering flooding and landslides; with soils already saturated, subsequent rain produced rapid runoff. A 1910–2020 study by Odisha University of Agriculture and Technology also found that **five-day rainfall bursts were becoming more frequent**, even as the frequency of heavy-rainfall days declined.

The emerging challenge is therefore not just extreme rainfall but its **repeated occurrence with shorter recovery intervals**. Inadequate urban drainage and maintenance can intensify flooding, while embankments and flood-control infrastructure may not be designed for increasingly concentrated rainfall. Odisha's established disaster-management capacity needs to move towards stronger **early warning, preparedness and climate-resilient infrastructure**, with rainfall risk integrated into planning for **agriculture, livelihoods, infrastructure and inter-State water systems**.

177. A New Governance Model for Ladakh

Ladakh became a **Union Territory under the Jammu and Kashmir Reorganisation Act, 2019**, creating concerns over preservation of its **culture, language, traditions, customary practices and land rights**. The demand for Sixth Schedule protection has led to a proposed **Article 371-K** framework providing a directly elected legislative body.

Why Ladakh Needs Asymmetric Governance?

1. **Indian federal paradox:** India combines a **unitary bias with federal structures**; the Supreme Court in *State of Rajasthan v. Union of India* (1977) described this character as **"Amphibian"**—India can function as a federation in some contexts and as a unitary system in others.
2. **Decentralisation principle:** The rationale behind differentiated governance is to accommodate **distinct ethnic and cultural groups through democratic institutions**, while preserving national unity and integrity.
3. **Constitutional accommodation:** The **Fifth and Sixth Schedules** embody this approach by providing special protections and autonomous institutions for tribal communities.
4. **Proportionality:** The design reflects the principle that governance should provide the **greatest advantage to the least advantaged**, particularly where geographical and socio-cultural circumstances are distinctive.
5. **Ladakh's specificity:** Its **geography, cultural distinctiveness, developmental requirements and strategic location near China** provide the basis for seeking a differentiated governance arrangement.
6. **Local concerns:** After 2019, local groups expressed concerns over protection of **language, traditions and customary practices**, prevention of outsiders acquiring land and the resulting impact on **land rights and livelihoods**. Dissatisfaction has also grown over the political representation provided to Ladakh.

Sixth Schedule Demand vs Article 371-K

1. **What Sixth Schedule provides:** Under **Articles 244(2) and 275(1)**, the Sixth Schedule creates **Autonomous Districts** and councils with substantial autonomy in governance; it currently covers **Assam, Meghalaya, Tripura and Mizoram**.
2. **Why Ladakh seeks it:** The demand is essentially for **greater local control over land, culture, customs and development**, through an autonomous institutional structure.
3. **Government's alternative:** The proposed **Article 371-K** would create a **directly elected legislative body**, rather than simply extending the Sixth Schedule.
4. **Why a separate model?** The proposed arrangement seeks to balance **national administration with local self-government**, while recognising Ladakh's **strategic location in the vicinity of China**.
5. **Layered representation:** The proposed body would provide political representation **above the existing Ladakh Autonomous Hill Development Councils (LAHDCs)** while retaining **Panchayats and district-level institutions**.
6. **Local participation:** Its purpose is not merely representation but greater **involvement of the local population in decision-making** affecting the region.
7. **Unresolved powers:** The precise role of the **Lieutenant Governor**, the extent of legislative authority and the degree of **financial autonomy** remain important questions, particularly because residual powers remain with the Union.



Constitutional Validity & Federal Balance

1. **Special governance is permissible:** Creating a sui generis governance arrangement for a UT is constitutionally possible because Indian constitutionalism permits **differentiated institutional arrangements** for different territorial circumstances.
2. **Equitable governance:** Constitutional design permits the **equitable distribution of rights and obligations** among States and other territorial units rather than insisting upon identical arrangements everywhere.
3. **Proportionality + special powers:** Parliament has previously created special constitutional arrangements based on **location, developmental requirements and the need to protect democratic identity**.
4. **Delhi precedent:** Constitutional amendments providing special arrangements for the **National Capital Territory of Delhi under Articles 239AA and 239AB** demonstrate that a UT can have a specially designed governance structure.
5. Article 371-K therefore attempts to reconcile **local self-government and democratic representation** with **national administration, strategic interests and territorial integrity**.

178. Rare-Disease Drugs: India's Next Pharma Frontier

Rare-disease drugs have a difficult economics: **small patient pools, very high R&D costs and extremely expensive therapies**. This creates a weak commercial incentive for manufacturers even though the unmet medical need is high.

Challenges in Rare-Disease Drug Development

1. **Small patient pool, high costs:** Limited numbers of patients reduce the commercial incentive to invest in rare-disease research, while **drug discovery and development remain expensive**.
2. **Research gap:** Rare diseases often lack sufficient **patient data, disease understanding and research infrastructure**, making development of therapies difficult.
3. **Clinical trials:** Small and scattered patient populations make **patient recruitment and clinical trials** particularly challenging; the limited number of patients also makes it difficult to generate adequate evidence on safety and efficacy.
4. **High treatment costs:** Existing therapies can cost **several lakhs to crores**, creating a major affordability barrier for patients and families.
5. **Import dependence:** Dependence on imported therapies adds to costs and can make **availability and continuity of treatment** difficult.

Manufacturing Opportunity for India

1. **Indigenous production:** India can move from dependence on imported rare-disease medicines towards **domestic development and manufacturing**, potentially reducing treatment costs.
2. **Pharma capability:** India's established pharmaceutical manufacturing base provides a foundation for entering this specialised segment, but rare-disease drugs require **greater research and technological capability** than conventional generics.
3. **Research-industry link:** Universities, research institutions, pharmaceutical companies and clinicians need to work together so that **scientific research translates into actual therapies**.
4. **Government support:** Because the market itself may not provide sufficient commercial incentives, **concerted government support and a supportive regulatory environment** are important for creating a viable ecosystem.
5. **Beyond generics:** Rare-disease drugs can help India diversify from its traditional strength in **generic medicines towards high-value, specialised pharmaceuticals**.

What Needs to Be Strengthened?

1. **Patient identification:** Better identification of rare-disease patients is necessary to create a stronger base for **research and clinical development**.
2. **Clinical research capacity:** India needs stronger capacity for **rare-disease clinical trials**, given the difficulty of finding adequate patient numbers.
3. **Research ecosystem:** Greater collaboration among **researchers, clinicians, pharmaceutical companies and institutions** can reduce fragmentation in drug development.
4. **Affordability focus:** Indigenous manufacturing should ultimately translate into **lower-cost treatment**, rather than merely shifting production to India while retaining unaffordable prices.
5. **End-to-end ecosystem:** The long-term objective is to build a complete chain of **research → clinical trials → specialised manufacturing → affordable access**, making rare-disease treatment a viable pharmaceutical frontier for India.

179 . CEC must correct course, not just do damage control

The Election Commission's credibility has come under strain over concerns about **unilateral and opaque decision-making**. The immediate issues include the functioning of the three-member Commission, objections raised by Commissioners Sukhbir Singh Sandhu and Vivek Joshi, and questions surrounding electoral-roll decisions, including the treatment of "logical discrepancies" and



“unmapped” voters. While exemptions from in-person hearings may provide relief, the larger concern is **transparency in how such decisions are taken**, including the agenda and minutes of ECI meetings and the handling of objections raised within the Commission.

The deeper issue is the **public trust attached to the ECI as an impartial referee**. The piece argues that the Commission must move beyond damage control and examine the decisions and processes that created the controversy. Questions over the handling of exclusion orders in West Bengal, restoration of voter names in Goa, and the functioning of ECINet underline the need for greater institutional accountability. As the CEC himself acknowledged the damage done to the Commission’s image, the priority should now be to **correct the course, restore transparency and rebuild public trust in the integrity of elections**.

180. Women’s Safety: Gap Between Intent and Policy

Nearly 15 years after the 2012 Delhi gangrape, multiple laws, schemes and institutional mechanisms for women’s safety exist, but **implementation and accountability gaps** continue to affect women’s experience of public spaces.

Policy–Implementation Gap

1. **Mechanisms without accountability:** Nirbhaya Fund, Sexual Harassment at Workplaces Act, women’s help desks, fast-track courts and gender labs exist, but safety audits often lack **public reporting on whether identified problems were actually fixed**.
2. **Audit to action:** Safety audits must be followed by **time-bound corrective action**, with agencies reporting complaints received, action taken and response timelines.
3. **Systemic failures:** Incidents such as those at **Jammu and Aastha Kunj Park** show that institutional mechanisms alone cannot ensure safety without effective implementation.

Gender-Sensitive Urban Planning

1. **Unsafe mobility:** Free bus travel does not ensure safety if buses are infrequent or women have to walk through unsafe streets.
2. **Women in public spaces:** Women’s absence from public spaces, particularly at night, can make urban planning less responsive to their safety needs.
3. **Representation matters:** Greater participation of women as **drivers, conductors, station managers, park workers and police personnel** can improve both employment and women’s presence in public spaces.
4. **Administrative reform:** Delhi’s reduction of the minimum height requirement for women bus drivers from **159 cm to 153 cm** illustrates how administrative changes can expand women’s participation.
5. **Way forward:** Combine **gender-sensitive infrastructure + continuous safety audits + public accountability + greater representation of women** in public-facing roles.

181. In US–China AI Race, India’s Place Will Depend on Capabilities Built at Home

The recent U.S.–China engagement on AI shows a shift from an unrestricted technology race towards **risk management, strategic competition and attempts at guardrails**. For India, the central challenge is to avoid becoming dependent on either technological stack while building sufficient domestic capabilities to retain strategic autonomy.

US–China AI Race: Competition with Limited Guardrails

1. **Strategic technology:** AI is increasingly treated as a component of **national and strategic security**, with the Trump–Xi engagement placing AI alongside wider strategic issues.
2. **Limited cooperation:** The two sides discussed the **risks and benefits of AI** and possible future dialogue, but could not establish common ground even on how to characterise the technology.
3. **Competing visions:** Washington focuses on **superintelligence, human control and slowing frontier AI**, while Beijing sees AI as part of the wider **China–U.S. technological competition**.
4. **Technology containment:** Beijing views U.S. restrictions on advanced chips and AI technologies as attempts to contain China, strengthening its push for **self-reliance**.
5. **Two AI ecosystems:** The rivalry risks producing **two AI systems and two sets of standards**, with China promoting open-weight models and an alternative technological ecosystem.
6. **Security risks:** AI’s implications extend to political systems, cyber security and even **nuclear decision-making**, making human control and risk management critical.

India’s Strategic Dilemma: Avoid Dependence on Either Side

1. **Chinese dependence:** Chinese AI models should not enter **government systems, critical infrastructure and sensitive-data environments** without stringent safeguards.
2. **American dependence:** Reliance on U.S. frontier models also carries risks because access can be restricted rapidly, as demonstrated by the **cut-off of foreign access to leading American models**.
3. **De-risking:** India therefore needs **differentiated de-risking rather than complete decoupling**, retaining access to multiple technological ecosystems.



4. **Local safeguards:** Where foreign open-weight models are used, **security testing and local hosting** should be considered for sensitive applications.
5. **Competing standards:** India faces the challenge of navigating U.S.- and China-linked AI standards without surrendering **technological neutrality and strategic autonomy**.
6. **Multilateral platforms:** China's proposed open-source AI community and the **World Artificial Intelligence Organisation (WAICO)** raise questions about how India can participate in global AI governance without becoming tied to a China-centric framework.

India's Answer: Build Capabilities at Home

1. **Domestic AI stack:** India needs to develop capabilities in **computing power, chips, models, datasets and talent** rather than relying entirely on foreign ecosystems.
2. **Independent testing:** Domestic capacity to independently test frontier systems is essential for **AI safety, accountability and technological autonomy**.
3. **Risk-management architecture:** India needs mechanisms to manage frontier-AI risks, particularly as the U.S. and China possess the most advanced capabilities.
4. **Technology-neutral governance:** India should favour **consensus-based and technology-neutral** approaches to AI governance rather than simply adopting either side's standards.
5. **Strategic autonomy:** Access to global technology must be balanced with the ability to function independently if external access is restricted.
6. **Capabilities over declarations:** India's technological sovereignty will ultimately depend not on declarations but on **capabilities built at home**.

182 . J&K's Evolving Status: From Article 370 to Union Territory

Jammu and Kashmir's constitutional relationship with India evolved through the **Instrument of Accession, Article 370, the Delhi Agreement, Article 35A and subsequent constitutional changes**. The trajectory eventually culminated in the **2019 reorganisation of the State into Union Territories**, fundamentally altering its constitutional and administrative status.

From Accession to Special Constitutional Status

1. **Accession in 1947:** After Partition, Maharaja Hari Singh initially sought to remain independent. Pakistan, citing J&K's Muslim-majority population, supported the entry of irregular forces/Kabailis into Kashmir in October 1947. Hari Singh signed the **Instrument of Accession on October 26, 1947**, after which Indian troops entered to push back the invaders.
2. **Limited accession:** The Instrument of Accession initially covered **defence, foreign affairs and communications**. This became the basis for the distinctive constitutional relationship between J&K and India.
3. **UN intervention:** India took the Kashmir issue to the UN Security Council in **January 1948**. UNSC Resolution 47 called for demilitarisation so that a plebiscite could determine the wishes of the people. Since demilitarisation was never completed by either side, the resolution remained a **"dead letter."**
4. **Article 370:** Adopted by the Constituent Assembly on **October 17, 1949**, Article 370 gave J&K special status. Parliament could legislate for the State initially only on the three subjects connected with the accession.
5. **Constitutional distinctiveness:** While Article 1 defined J&K as part of India, Article 370 restricted the extension of other constitutional provisions to the State. J&K was also allowed to have **its own Constitution**, unlike other States.
6. **Why a special arrangement?** N. Gopalaswami Ayyangar argued during the Constituent Assembly debate that J&K was **"not yet ripe" for full integration**, given the continuing conflict, the presence of rebels and enemies, and the unresolved international dimension. The expectation was that integration would occur when circumstances became more conducive.
7. **Distinctive restrictions:** People from outside J&K required a **permit to visit the State** and were barred from buying land there, reflecting the distinctive status that had developed around the State.

From Special Status to Progressive Integration

1. **Opposition to Article 370:** Opposition emerged soon after its introduction. Jana Sangh founder **Syama Prasad Mukherjee** pressed for complete integration, while the Jana Sangh and Jammu's Praja Parishad adopted the slogan: **"Ek desh mein do vidhan, do pradhan aur do nishan nahin ho sakte."**
2. **Delhi Agreement, 1952:** The Nehru-J&K government agreement represented an important stage in defining the relationship. J&K accepted the **jurisdiction of the Supreme Court** and the supremacy of the **Indian national flag**, while retaining the State flag.
3. **Emergency provision:** The State also accepted the President's power to declare an **Emergency under Article 352**, subject to the concurrence of the State in the case of internal disturbances.
4. **Competing visions:** While these measures strengthened integration, sections in Jammu demanded **complete integration with India**, with the Praja Parishad and Jana Sangh pushing this position.



5. **1953 political crisis:** Sheikh Abdullah, then Prime Minister of J&K, was arrested in **August 1953**. Nehru subsequently stated that while talks of a “merger” going beyond existing agreements were improper, a “**weaker association**” of the State with India was also undesirable.
6. **Governance breakdown:** The article highlights that differences between advocates of the two positions had created a situation in which the State government was “**divided and ceased to function effectively.**”
7. **Shift towards integration:** Sheikh Abdullah was succeeded by **Bakshi Ghulam Mohammad**, under whose leadership the State moved closer towards integration with India.
8. **Article 35A: A 1954 Presidential Order**, issued under Article 370, inserted Article 35A as an annexure to the Constitution’s official text.
9. **Permanent residents:** Article 35A empowered the J&K legislature to define “**permanent residents**” and extend special rights and privileges to them.
10. **Nature of privileges:** These included rights concerning **ownership of property, government employment and scholarships**, restricted to residents so defined.

2019 Abrogation, Reorganisation and the New Constitutional Status

1. **August 5, 2019:** The Union government rendered Article 370 inoperative through the **Constitution (Application to Jammu and Kashmir) Order, 2019**, which superseded the 1954 Presidential Order.
2. **End of the separate constitutional framework:** The change rendered the separate Constitution of J&K **null and void** and extended the provisions of the Indian Constitution to the region.
3. **Use of Article 370(3):** The process relied upon **Clause 3 of Article 370**, which permitted the President, by public notification, to declare the provision inoperative or operative with specified exceptions and modifications.
4. **The Constituent Assembly problem:** Article 370(3) originally required the recommendation of the **Constituent Assembly of J&K**. Since that Assembly had ceased to exist, the 2019 process used **Article 370(1)** to modify the constitutional reference to the “Constituent Assembly” and replace it with the “**Legislative Assembly of the State**” under Article 367.
5. **Reorganisation:** The former State was subsequently reorganised into two Union Territories:
 - ❑ **Jammu and Kashmir — Union Territory with a legislature.**
 - ❑ **Ladakh — Union Territory without a legislature.**
6. **Constitutional impact:** The change ended the earlier arrangement of **special constitutional status, separate Constitution and special permanent-resident framework**, bringing J&K under the constitutional framework applicable to the Union.
7. **Federalism challenge:** The transformation also raised questions about the constitutional relationship between the **Union and States**, particularly the circumstances in which a State’s constitutional status can be fundamentally altered.
8. **Supreme Court, 2023:** The Supreme Court upheld the 2019 constitutional changes and held that **Article 370 was intended to enhance integration between the Indian Union and J&K, not cause disintegration.**

183. The United Nations’ Long Road to Restoring Trust

The 81st UN General Assembly’s theme of “**Restoring Trust, Advancing Global Transformation: a UN that delivers for all**” comes amid a deeper crisis of confidence in the UN. The organisation was created to make international relations more predictable through dialogue and rules, but persistent conflicts, institutional weaknesses and unequal representation have increasingly eroded that trust.

Eroding Trust

1. **Declining public confidence:** Surveys cited in the piece show weakening faith in the UN. A **non-profit UN Foundation survey** found 52% felt the UN was struggling to deliver results and needed deep structural reform, while over half believed it was struggling to enforce international law and protect human rights.
2. **UNSC paralysis:** Persistent deadlock in the **UN Security Council** has damaged confidence in the UN system. The General Assembly’s resolution **A/76/262**, requiring the UNSC’s permanent members to explain each new veto, reflects this concern.
3. **Weak internal accountability:** Controversies involving **procurement, recruitment and resource allocation** have exposed weaknesses in internal oversight. Examples cited include the 2013 Afghanistan procurement scandal, 2017 sexual-exploitation cases and non-existent housing projects in Ghana and India.

Representation and Delivery Gap

1. **Global South–UN disconnect:** While trust in the UN is reportedly higher in the **Global South and among Global South civil-society organisations**, institutional representation remains unequal.
2. **Representation imbalance:** Countries constituting **84% of the world’s population hold only 44% of UN civil-service leadership positions.**
3. **Geographical concentration:** Only about **one-third of UN leadership** is from Africa, despite its large representation in the UN membership. Most UN entities are also headquartered outside the Global South.



4. **Cost of centralisation:** The concentration of headquarters in cities such as **New York and Geneva** creates substantial operating costs, with thousands of posts being moved out of New York in 2025.

Restoring Trust

1. **Reverse the shrinking space:** The UN needs to strengthen its presence and effectiveness where conflicts and humanitarian crises are unfolding, rather than becoming increasingly centralised.
2. The UN commendably delivered global humanitarian assistance and protection in 2025-26 to 98 million people or roughly 1.1% of the world population.
3. **Conflict prevention:** In conflicts such as **Ukraine, Gaza and Iran**, the UN must strengthen mechanisms for **dialogue, mediation and preventive diplomacy**, rather than allowing humanitarian crises to deepen unchecked.
4. **Preventive action:** In the Black Sea, for instance, humanitarian initiatives could help prevent **oil spills and environmental damage** while creating space for belligerents to engage.
5. **Representation:** Greater representation of the **Global South in leadership and decision-making** is necessary to make the organisation more reflective of the people it claims to serve.
6. **Resource decentralisation:** Greater resources should reach **local actors**, particularly in humanitarian operations, rather than remaining concentrated within central UN structures.

The 81st General Assembly's ambition of **"transforming" the UN** ultimately begins with restoring credibility, accountability, representation and effective delivery.

184. AFSPA: Provisions, Application and the Debate over Its Continuation

The Armed Forces (Special Powers) Act, 1958 was enacted to give the armed forces special powers in areas declared **"disturbed"** because of insurgency or serious internal-security problems. The present debate centres on its exceptional powers, periodic extension, gradual withdrawal in parts of the Northeast, and the continuing security conditions in Manipur, Nagaland and Arunachal Pradesh.

What AFSPA Provides

1. **Special powers in disturbed areas:** Once an area is notified as **"disturbed"** under **Section 3**, armed forces personnel can operate with powers that ordinary police forces do not possess.
2. **Use of force:** Personnel may use force, including **force leading to death**, against persons acting in contravention of prohibitory orders or where necessary under the Act.
3. **Arrest without warrant:** Armed forces personnel can **arrest without warrant** a person suspected of certain offences.
4. **Search without warrant:** They can **enter and search premises without a warrant** to make arrests or recover persons/property.
5. **Legal protection:** Section 6 provides protection to personnel acting under the Act by requiring **prior sanction of the Central government** before prosecution or other legal proceedings for acts done under AFSPA.
6. **Who declares a disturbed area?** Both the **Central and State governments** have the power to declare an area **"disturbed"**. The geographical application is therefore not determined solely by the MHA.
7. **Periodic renewal:** In Manipur, the disturbed-area notification has historically been renewed periodically, with the MHA having largely retained the power to renew it for decades. The notification can cover the entire State or specified areas.

Why AFSPA Continues?

1. **Insurgency and internal security:** AFSPA continues where the government considers the security environment sufficiently serious that **ordinary policing mechanisms are inadequate**.
2. **Manipur's security challenge:** The post-2023 ethnic conflict and continuing security concerns have complicated the process of further withdrawal.
3. **Nagaland's unresolved conflict:** The continuation of AFSPA is closely linked to the **long-running Naga insurgency and the unresolved political settlement**.
4. **Arunachal Pradesh:** Its application remains concentrated in districts affected by **insurgent activity and areas adjoining Assam**.
5. **Exceptional powers:** The ability to use force, arrest and search without warrant gives the armed forces substantial operational powers in disturbed areas.
6. **Accountability concern:** The combination of exceptional operational powers and the **prior Central sanction requirement for prosecution** creates an important debate over accountability for alleged excesses.
7. **Security vs civilian concerns:** AFSPA seeks to provide operational freedom to the armed forces, but its continuation also raises concerns regarding **civil liberties, civilian protection and public trust**.
8. **Dynamic application:** The withdrawal from several areas demonstrates that AFSPA is not necessarily permanent; its continuation should correspond to the **actual security situation**.

The challenge is to maintain the operational capacity required for genuine security threats while ensuring **accountability and creating conditions for eventual withdrawal** where normal policing becomes sufficient.