



# CURRENT AFFAIRS

**SPECIAL FOR UPSC & GPSC EXAMINATION** 

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# The Hindu Important News Articles & Editorial For UPSC CSE Friday, 20 June, 2025

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### Page 04: GS 1: Art and Culture

The Archaeological Survey of India (ASI) is organizing a three-day international seminar (August 20–22, 2025) in Greater Noida to deliberate on one of the greatest unresolved puzzles of ancient history – deciphering the Indus Valley Script.

 This marks a significant step in India's effort to revive and advance research on the Harappan script, bringing together both Indian and international experts.

### **Key Highlights of the Initiative**

- **Event:** "Decipherment of the Indus Script: Current Status and the Way Forward".
- Venue: Pt. Deendayal Upadhyay Institute of Archaeology, Greater Noida.
- **Participants:** Indian and foreign scholars researching Harappan culture and language.
- **Mode:** Presentations (offline & online) followed by discussions.
- Outcome Expected: To assess and expand the scope of present and future research on the Indus script.

### **About the Indus Valley Script**

- Nature: Comprises over 400 pictorial signs/symbols.
- Undeciphered: No bilingual inscriptions (like the Rosetta Stone for Egyptian) make decoding extremely difficult.
- **Script Type:** Believed to be logo-syllabic (each sign may represent a word/syllable).
- Length: Most inscriptions are very short (4–5 signs), limiting linguistic analysis.

# ASI to organise global meet on decoding Indus Valley script

Sreeparna Chakrabarty NEW DELHI

The Archaeological Survey of India (ASI) will host a three-day international conference from August 20 to 22 in Greater Noida to discuss deciphering the Indus Valley script.

Invitations to the international conclave on "Decipherment of the Indus script: current status and the way forward", to be held at the Pt. Deendayal Upadhyay Institute of Archaeology, Greater Noida, have been sent out to experts working on the Harappan civilisation and culture both in India and abroad.

Sources in the ASI told *The Hindu* that the seminar would take place mainly through presentations, both offline and online. Thematic sessions shall be designed based on the current stage of research in this field. Discussions shall



Seals with the script of the Indus Valley Civilisation.

follow presentations at the end of each session.

"The proceedings of the seminar is anticipated to highlight the scope and quantum of current and future research in the field," a senior ASI functionary said.

The Indus script, comprising over 400 pictorial symbols, remains undeciphered due to the lack of bilingual texts and the brevity of inscriptions. The script consists of over 400 pictorial signs, leading some researchers to classify it as "logo-syllabic".





### Why It's Difficult to Decipher

- No known bilingual texts (unlike Mesopotamian or Egyptian).
- No long inscriptions to analyze sentence structure.
- Uncertainty over the underlying language (Dravidian, Indo-Aryan, or a lost language?).
- Limited archaeological context and dating challenges.

### **Importance of Decipherment**

- Will shed light on the socio-cultural, administrative, and economic structure of the Harappan civilization.
- Help understand the origins of language, writing systems, and early urban society in the Indian subcontinent.
- Could establish linguistic continuity with later Indian scripts or reveal a lost language family.

### **UPSC PrelimsPractice Question**

### Ques: Which of the following statements about the Indus Valley script is/are correct?

- 1. It is widely agreed to be a phonetic script similar to Brahmi.
- 2. The script has been deciphered through bilingual inscriptions found in Mesopotamia.
- 3. The script comprises over 400 pictorial signs, many of which may be logo-syllabic in nature.

### Select the correct answer using the code below:

- a) 1 and 2 only
- b) 2 and 3 only
- c) 3 only
- d) 1, 2 and 3

### Ans:c)





### Page 07: GS 2: Social Justice

India is facing a public health crisis due to rising alcohol consumption, with heavy episodic drinking, high disease burden, and significant social costs. Despite this, India lacks a comprehensive National Alcohol Control Policy, relying instead on fragmented State-level policies and limited central action.

# The unregulated drink: rethinking alcohol control in India

Alcohol consumption significantly raises the risk of injuries, mental illness, and non-communicable diseases, including cancer; it is time for a National Alcohol Control Policy and Programme that prioritises people over profit, prevention over revenue, and long-term well-being over short-term gains

Vid Karmarkar Jitendra Chouksey

he safe limit for alcohol consumption is zero ml. Yet 23% of Indian men and 1% of women consume alcohol NFHS-5). India also records one of the highest rates of heavy episodic drinking, with lakhs needing clinical and social support.
Alcohol consumption significantly

raises the risk of injuries, mental illness. and non-communicable diseases, including cancer. Beyond health, alcohol use is associated with aggression, crime,

suicides, and risky behaviour.
In 2021, alcohol-use contributed to approximately 2.6 million DALYs (Disability-Adjusted Life Years) in India, reflecting the combined toll of premature deaths and years lived with illness or disability. The estimated societal cost of alcohol-related health is ₹6.24 trillion. Meanwhile, per capita alcohol consumption increased by about 240% in the last two decades, an underestimate because nearly half of alcohol use in India

Determinants of alcohol consumption Alcohol use is shaped by a complex web of biopsychosocial, commercial and policy-level determinants. (i) Biopsychosocial determinants Biologically, some individuals are genetically predisposed to addiction. Alcohol activates the brain's reward system making it habit-forming. Psychologically, people drink to relieve stress, anxiety, or experience euphoria. Socially, urban lifestyles, peer pressure, and glamourised portravals in media have normalised alcohol use. (ii) Commercial determinants: The industry has broadened its product portfolio with offerings such as fruit-flavoured spirits, pre-mixed cocktails, and other ready-to-drink options, making alcohol more appealing to new and younger users. Despite legal advertising restrictions, promotional tactics persist through surrogate advertising, brand sponsorships, and strategic product placements, where the depiction of alcohol has doubled over the past two decades. Pubs and bars offer incentives like 'Happy Hours' and free samples, while social media algorithms subtly amplify alcohol-related content (ARC).

The placement of liquor stores in residential and high-traffic areas, ensures easy access and everyday visibility. Packaging shapes consumer perception sleek bottles, international labels, and premium branding enhance the spirational value of alcohol.

Pricing ensures affordability. Indian Made Indian Liquor (IMIL) remains cheap and accessible to lower-income groups, especially in rural areas, while growing



disposable incomes in cities have made alcohol increasingly affordable for the urban middle class.

(iii) Policy is the most influential determinant. The alcohol industry wields significant influence over regulation, often resisting stricter laws by emphasising its contribution to State revenues through excise taxes. Even bans on advertising are undermined through tactical marketing and alcohol persists in public life under different names. Alcohol regulation in India falls under

State jurisdiction, granting each State authority over legislation, excise taxes, supply chain, licensing and manufacturing, sale and consumption restrictions, prohibition, and pricing. This autonomy has led to regulatory variations across States.

For instance, Bihar, Gujarat, Mizoram, and Nagaland enforce prohibition, while Andhra Pradesh, Haryana, Kerala, Manipur, and Tamil Nadu had previously imposed similar bans. In contrast, some States are now actively promoting alcohol sales. Kerala's new Akbari Policy markets toddy as a "natural, traditional beverage, while Andhra Pradesh is introducing a policy offering alcohol for ₹99 to ensure 'quality, quantity, and affordability.'
Meanwhile, some States are exploring
online alcohol delivery through platforms like Swiggy, Zomato, and Blinkit contradicting efforts to restrict alcohol

### Alcohol accessibility

Regulation of alcohol accessibility in India varies as equally as availability. The legal drinking age differs across States, ranging from 18 to 25 years. Alcohol pricing regulation exists in 19 of 33 States/UTs, with nine States setting only maximum prices while others setting both

maximum and minimum prices. The GST Act excludes liquor from sales tax, leaving alcohol taxes to States, often vaguely

defined in excise policies.

Compared to State policies,
national-level policies are more specific addressing single aspects such as drunk driving or prevention of alcohol use and regulating supply-chain in an individual policy. However, India lacks a unified national policy on alcohol regulation. Earlier, alcohol was excluded from the

National Policy on Narcotic Drugs and Psychotropic Substances (NDPS) 2012 despite being a common psychoactive substance followed by cannabis and opioids. Later, alcohol regulation was included in the National Action Plan for 2021-22 under Nasha Mukta Bharat

While the NAPDDR addresses alcohol regulation, its demand and supply reduction efforts are scattered across Central ministries and State governments The Ministry of Social Justice leads demand reduction, while supply and harm reduction are handled by the Ministries of Home Affairs, Finance, and

The National Mental Health Policy (NMHP) 2014 recognised the role of alcohol in mental illness and suicide prevention and suggested the need for a specific action plan. Similarly, the National Health Policy (NHP) 2017 mentioned curbing alcohol use through higher taxation. More recently, the National Suicide Prevention Strategy (NSPS) 2022 identified alcohol as a major risk factor for suicides, advocating for a national alcohol control policy and measures to limit alcohol accessibility.

The National Action Plan and Monitoring Framework for Prevention and Control of Noncommunicable Diseases (NMAP) 2017-2022 also echoed the call for a national alcohol policy.

Regulating alcohol is urgent but complex, given alcohol's deep entanglement with State revenues, social norms, and political interests. It is time to move beyond short-term revenue thinking and adopt a systems approach - grounded in both evidence and equity. Based on the biopsychosocial and commercial determinants of alcohol consumption, we propose the following to regulate alcohol-use

(i)Affordability: Alcohol pricing must deter excessive use without pushing the poor toward dangerous alternatives like

(ii)Allocation: Health taxes on alcohol should not disappear into general revenues. Ear-marking these funds for public health, combined with transparent governance, can improve trust and accountability - and prevent corporate

lobbying from redirecting them. (iii)Accessibility: Alcohol access must be curbed beyond geographic distance Urban policy must reduce availability in everyday spaces to signal a shift toward alcohol-free environments.

(iv)Advertisement: In the digital age, "alcohol influencers" in India promote consumption by framing alcohol positively, Regulating this "social surrogacy" - including algorithmic amplification - is key to reducing social

(v) Attractiveness: Plain packaging. visible warning labels, and controls on point-of-sale promotion are needed to disrupt the cycle of normalisation.

(vi) Awareness: Public understanding of alcohol's health harms - especially its link to cancer, mental illness, and generational poverty - remains low. Large-scale public education campaigns, similar to tobacco control efforts, are overdue.

(vii) Artificial Intelligence:AI tools can detect and suppress alcohol-related content on digital platforms and flag misinformation. When 180 million monthly users see health misinformation (e.g., WebMD praising alcohol), it is clear telegraphy of the desired control of the desi

through isolated actions or State-level measures. It is time for a National Alcohol Control Policy and Programme that prioritises people over profit, prevention over revenue, and long-term well-being over short-term gains. (Dr. Vid Karmarkar, is a venture building

partner at Fittr, and the founder of Canseva Foundation.
vid.karmarkar@gmail.com; Jitendra Chouksey is the Founder and CEO of Fittr, a fitness company. jc@fittr.com)

### THE GIST

India records one of the highest rates of heavy episodic drinking, with lakhs needing clinical and social

Alcohol use is shaped by a complex web of biopsychosocial, commercial and policy-level determinants. Policy is the most influential determinant

Compared to State policies, national-level policies are mor specific in addressing single aspects such as drunk driving or prevention of alcohol use





### **Key Concerns**

- **Health Burden:** Alcohol contributed to 2.6 million Disability-Adjusted Life Years (DALYs) in India in 2021.
- **Social Cost:** Estimated at ₹6.24 trillion due to health complications, crime, accidents, and lost productivity.
- **Consumption Trends:** A 240% increase in per capita alcohol consumption in the last two decades; 50% of it unrecorded.

### **Determinants of Alcohol Use**

- **Biopsychosocial:** Genetic predisposition, stress relief, social glamourisation.
- **Commercial:** Surrogate advertising, social media influencers, cheap IMIL, product innovation targeting youth.
- **Policy-Level:** Weak and inconsistent State-level laws; commercial interests overriding public health.

### **Policy Fragmentation**

- States have complete control under the Constitution: sale, excise, legal age, pricing.
- Examples:
  - o Prohibition in Gujarat, Bihar, Mizoram.
  - o Andhra Pradesh's ₹99 liquor policy.
  - Online delivery via Zomato, Swiggy in some States.
- Centre's Role: Limited; includes
  - o NAPDDR (2021–22) under Nasha Mukta Bharat
  - o National Mental Health Policy (2014)
  - o National Suicide Prevention Strategy (2022)
  - o National Health Policy (2017)

### **Key Issues**

- Absence of a unified national policy.
- Alcohol excluded from GST, giving States unregulated revenue control.
- Digital media promotion bypasses traditional advertising bans.
- Low public awareness of health risks like cancer, suicide, and mental illness.

### **Way Forward: Framework for a National Alcohol Control Policy**

• Affordability: Use pricing to deter excessive use without promoting illicit liquor.

### DAILY CURRENT AFFAIRS





- Allocation: Earmark alcohol taxes for health programs.
- Accessibility: Limit retail outlets and urban exposure.
- Advertisement Regulation: Monitor digital platforms and influencers promoting alcohol.
- Attractiveness: Plain packaging, graphic warnings, and control of point-of-sale marketing.
- Awareness Campaigns: Mass education on alcohol-related diseases and social harm.
- Al Regulation: Detect and suppress alcohol misinformation online.

### Conclusion

 A systems-based, national-level policy on alcohol is long overdue. It must address health, social, digital, and economic angles holistically — focusing on people over profit and prevention over revenue.

### **UPSC Mains Practice Question**

**Ques:**India needs a unified National Alcohol Control Policy to address the health and social costs of alcohol consumption. Discuss the need, challenges, and the way forward. (250 words)





### Page: 09:GS 1: Indian Society

The Indian government recently announced that the next Census will be conducted in 2027, marking a 16-year gap since the last Census in 2011. The delay, originally due to COVID-19, now raises political, administrative, and developmental concerns — particularly with the inclusion of caste data for the first time in independent India.

## Will delaying the Census affect its implementation?



<u>Sanjay</u> Kumar,

Co-Director of Lokniti, a research programme at the Centre for the Study of Developing Societies, New Delhi



Poonam Muttreja, Executive Director, Population

Foundation of India n June 16, the Registrar General of India under the Union Ministry of Home Affairs issued a notification that India's population will be counted in 2027. Following demands by the Opposition parties, among other reasons, the government has also announced the inclusion of caste enumeration in the Census for the first time in independent India.

The last Census was held in 2011. The exercise

PARLEY

The last Census was held in 2011. The exercise was to take place in 2021, but was delayed because of the COVID-19 pandemic. It has now been further pushed to 2027. Will delaying the Census affect its implementation? Sanjay Kumar and Poonam Muttreja discuss the question in a conversation moderated by Vijaita Singh. Edited excerpts:

### Was the Census deliberately delayed?

Sanjay Kumar: The Census should have taken place in 2021, but that was the time of the COVID-19 pandemic. Since everything was stalled in 2020 and we were under a strict lockdown for a good part of that year, the Census could not take place.

Do you see any political reasons for the further delay? Do you think the government wanted to time it with the delimitation exercise, which is frozen till 2026?

SK: I don't have an explanation for this delay. The pandemic was over by mid-2022. By the end of 2022, universities had opened, schools had gone back to a normal routine, and everyone had started going back to office. The delay for nearly three years after that is frankly inexplicable. I'm not sure why the government did not take the initiative earlier. Every time delimitation takes place, the exercise uses the previous Census data. So the government could have began conducting the Census in 2023 as well. Even if it did start conducting the exercise in 2025, it would have made no difference to the work of delimitation.

Can you tell us about the implications of a delayed Census?

Poonam Muttreja: The delay has serious consequences for governance and development. India continues to use Census data from 2011 data in 2025. The ground reality has changed dramatically since 2011. Population growth, internal migration, urbanisation, and fertility patterns have all accelerated/changed. But policy continues to run on outdated assumptions. The delay effects nearly every



A view of Ranganathan Street in T. Nagar, Chennai. B. VELANKANNI RAJ

sector. School enrolment projections are inaccurate. Vaccine coverage targets have missed the mark. Social welfare programmes such as PDS (public distribution system) and MGNREGS (Mahatma Gandhi National Rural Employment Guarantee Scheme) cannot adjust to the actual population needs. The delay also affects disaster preparedness and infrastructure planning.

This is going to be the first digital Census in India. Are there any concerns about that?

PM: Digitisation can bring in efficiency, reduce manual error, and allow faster data processing. But a fully digital Census also risks excluding the very people who are the hardest to reach, such as those in rural households and informal settlements, those belonging to marginalised communities, and women. They may not have smartphones, stable electricity, or digital access. Take women, for instance – only 33% of rural women use the Internet. Among women in low income households, mobile phone ownership is significantly low. A 'digital first' approach without safeguards could reinforce the existing gender bias.

To succeed, this Census must retain

To succeed, this Census must retain door-to-door in-person enumeration, especially in areas that are difficult to access. The enumerators must be trained to work with diverse populations in regional languages and have an inclusive approach. Technology should support, not replace, the human engagement that is essential for collecting accurate data.

The government is yet to announce any decision regarding the National Population Register (NPR), which is the first step towards the creation of a National Register of Citizens (NRC). In the 2021 Census, it was planned to be updated with the first phase of



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the Census. Do you think if the two are combined – the NPR and population Census – it may impact the process because of the controversies and fears around the NPR?

SK: If you are trying to do one piece of work and then you combine it with other work, there is a possibility of both getting tampered with. Things could get delayed, jumbled, and some information could get misrepresented.

But do you see the Centre not going ahead with the NPR so that the Census is done in a hassle-free manner?

SK: I would be in favour of getting the Census done separately because we should not forget that this is being undertaken after a very long time – 16 years! This is the first time that caste enumeration is also taking place as part of the Census. So a new element is already there. Why overburden the enumerators?

How difficult or easy will it be for the government to collect data on caste? In the Socio-Economic and Caste Census of 2011, around 40 lakh caste names were thrown up. There were instances of people writing their surnames instead of their community names. It was based on self-disclosure. What methodology do you think the government should follow to make the process robust?

SK: If we are raising questions about caste data, we can raise questions about the collection of other information as well. If people can answer questions about their assets, age, gender, and education, why should there be any difficulty in answering questions about caste?

But yes, training is important. If we are able to train our enumerators well, the respondents will be able to answer most of the questions. The enumerators need to know that Varma, for instance, is a surname, not a caste. If a respondent mentions this surname as their caste, the enumerators will have to ask a follow-up question.

PM: Asking about a person's caste is not going to be difficult. The UPA (United Progressive Alliance) government conducted a caste census nearly a decade ago, but never released the data. I think homework needs to be done well when we collect data on caste. Enumerators must understand all the caste sub-categories. Unless they themselves are well informed, they are not going to be able to deal with erroneous answers or inappropriate answers.

Why do you think Census is important for a country?

PM: The world is changing rapidly and so many things are uncertain. In such a scenario, the Census is the most important aspect to consider in not only planning and policymaking, but also in the allocation of resources. It helps us understand how climate change is impacting us, changing population dynamics, and patterns of digitisation. In India, to understand the rapid increase in urbanisation and migration patterns, we need numbers. We also know that India is an ageing society. The number of aged people is going to nearly double in the next 20 years. You can't let people age and then start planning. So given the rapidly changing environment, planning, allocation of resources, targeting the poor and targeting those who are marginalised are all objectives. In fact, the whole purpose of having a caste census is to invest in the most marginalised communities.

Do you think the government should consider reducing the 10-year period for conducting the Census so that we can have faster and more accurate data about these changes in society?

SK: Conducting the Census is a tedious, time-consuming process. It cannot happen overnight. The Census is not merely about counting the number of people. The government's policy formulation depends on the information collected during a Census. The large amount of information gathered is valuable for the government to implement various kinds of policies. We may feel that the government can do this every five years, but it is more appropriate to do it every 10 years. But we should make sure that the Census takes place on time and there is no break in between.



To listen to the full interview

Scan the code or go to the link

www.thehindu.com

### **Key Concerns with the Delay**

### • Governance Crisis:

➤ Policies are still being designed using 2011 data which does not reflect the current demographics, migration patterns, or urbanisation levels.





➤ Welfare schemes like PDS, MGNREGS, vaccination drives, school enrolment projections face mismatches between demand and ground realities.

### Data Gaps in Planning:

- ➤ Lack of updated population data hampers infrastructure development, disaster preparedness, and resource allocation.
- > Challenges in identifying the aged population, urban poor, and emerging health trends.

### • Political Implications:

- ➤ Delay raises questions about timing vis-à-vis delimitation (due post-2026).
- > Concerns over combining the Census with the National Population Register (NPR) amid controversies linked with NRC.

### **Key Developments and Issues**

### Digital Census:

First attempt at a digital-first Census, intended to improve efficiency. However, risks excluding rural and marginalised communities, especially women due to poor digital access.

### Inclusion of Caste Data:

➤ For the first time, caste enumeration will be conducted. Experts highlight the need for trained enumerators, regional language support, and a clear methodology to avoid misreporting or confusion between surnames and caste identity.

### • No NPR Update Yet:

➤ Though NPR was to be updated alongside the 2021 Census, the government has made no fresh announcement, possibly to avoid delay and controversy.

### **Why Timely Census Matters**

- Evidence-based policymaking relies on up-to-date demographic and socio-economic data.
- Targeted welfare schemes, urban planning, ageing population management, and tracking migration depend on accurate Census information.
- Caste enumeration can enable affirmative action, better reservation policy planning, and social justice targeting.

### **Suggestions & Way Forward**

- Conduct Census independently of NPR to avoid resistance and confusion.
- Retain door-to-door enumeration, especially in vulnerable areas, even with digital integration.
- Provide intensive training to enumerators to handle caste data, regional complexities, and avoid misclassification.
- Ensure gender-sensitive approaches and inclusion of hard-to-reach populations.
- Consider policy mechanisms to bridge data gaps during inter-Census years (e.g., periodic national surveys).





### **UPSCMainsPractice Question**

Ques:Digital-first strategies in population enumeration risk widening existing inequalities. Evaluate the pros and cons of digitising the Census in a socio-economically diverse country like India.(250 Words)

### Page 10: GS 3: Science and Technology

Despite progress in indigenous fighter aircraft development (e.g., LCA Tejas, AMCA), India remains dependent on foreign engine technology, risking strategic vulnerability, delays, and constraints in defence preparedness. The failure of domestic engine programmes like Kaveri and the continued reliance on GE engines highlights India's long-standing propulsion gap.

### Why India should address its propulsion gap

Is India overly reliant on imported engines? What happened to the HF-24 Marut, India's first indigenously designed fighter jet? Why has the Kaveri engine project

EXPLAINER

He'24 Marut (Spirit of the Tempose).

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recionage was experienced by 1990.
Indian Air Force (AF) veterans who flew the Marut consistently cited the lack of a powerful engine as its Achiller he-laghilitating the enduring really that the child and the control of the property of the control of the property of the control of the cont

Me Bying in formation over Rajanth, New Debth, 15 miles asserted that vars are won by equipping the milliarsy, wor mereby planning for the future.

Simultaneously, HLA's negotiations with GE to locally manufacture the more powerful GE-F44 engine (90-96 kM runs) — intended for the LCA MAZ and roadshock. The deal, amounced during Prime Minister Nameda Modis 2020 LS. visit, has reportedly been stalled by GE's demand for an additional SSO million over the original SIS billion agreement. Share core engine technologies like single-crystal turbine blades, thermal barrier coatings, and advanced cooling systems, all of which are witall for boosting engine durability and trusts. HIM.

burrier contings, and advanced cooling systems, all of which are vital for boosting engine durability and thrust. HAL continues to demand full technology transfer, but industry insides point out developed at greet expense, is rarely shared by global engine makers. Talks, however, are still enginge.

Both the LCA MLZ, which is mixed a MCA under developed are greet, and the initial AMCA under developed are greet, and the initial AMCA under developed are greet, and the initial AMCA under developed are proposed in the F4Hs as a Stoppap' powerplant, pending infanisation of the deal. The AMA is also scouting for a 110 kN-class engine for the AMCA MLZ, potentially via a joint venture. Intermittent discussions with France's and AMCA MLZ, potentially via a joint venture. Intermittent discussions with France's greet proposed to the proposed proposed to the programmer risks being held hotsing once again to gospolitical withins.

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How much is India dependent on external engines? India's external propulsion sourcing extends well beyond aeria affecting the Army and Kaya sa well, both of which are exclusively relant on imported power packs or foreign engines of the control of

development? Aircraft engine development is vital for India to achieve aerospace autonomy and strategic self-reliance. Disruptions in





### **Background: The Marut Case and Its Lessons**

- HF-24 Marut, India's first indigenous fighter (1960s), failed not due to design but due to lack of a powerful indigenous engine.
- The British Orpheus 703 engine used was underpowered, limiting Marut's performance.
- Despite some success in the 1971 war, Marut was retired by 1990.
- Lesson: Aircraft design is ineffective without a self-reliant propulsion base.

### The Kaveri Engine Project: A Missed Opportunity

- Started in 1989 by DRDO's GTRE for LCA.
- Despite over ₹2,000 crore spent, Kaveri failed due to poor thrust-to-weight ratio, reliability, and thermal efficiency.
- Collaboration efforts with Snecma (France) and later Safran did not materialise due to trust and tech-transfer issues.
- LCA Tejas had to adopt GE F404-IN20, which is barely adequate.

### **Current Challenges**

### • Delayed Engine Deliveries:

- o GE's delay in supplying F404 engines for LCA Mk1A set back timelines.
- o Production schedules and IAF's operational readiness are disrupted.

### Strategic Dependency:

- HAL's deal to produce GE-F414 engines domestically has stalled.
- o GE's refusal to share critical tech (single-crystal blades, thermal coating) blocks true indigenisation.

### Multiservice Impact:

- o **Army:** Arjun tank uses German engine; Zorawar tank uses US engine.
- o **Navy:** Fully reliant on foreign engines for all ship classes.

### **Why This Propulsion Gap Matters**

- **Strategic Autonomy:** Without engine self-sufficiency, India's defence programmes are vulnerable to geopolitical pressure.
- **Export Limitations:** Reliance on foreign engines restricts export potential due to third-party approval requirements.
- **Combat Readiness:** Delays in engine delivery directly affect force strength, especially when fighter squadrons are already below sanctioned levels.

### DAILY CURRENT AFFAIRS





### The Way Forward

- Long-term Vision: A 10–15 year roadmap focused exclusively on jet engine R&D is essential.
- **Institutional Reform:** Integrate academia, private firms, and R&D labs into a unified innovation ecosystem.
- **Dedicated Defence Funding:** Move beyond project-wise funding to mission-based, outcomedriven investment.
- Tech Partnerships: Negotiate meaningful technology transfer agreements with trusted allies.
- **Protect Indigenous IP:** Build domestic capability from component-level up, safeguarding intellectual capital.

### **UPSC Mains EssayPractice Question**

"True Atmanirbharta in defence lies not in assembling aircraft but in powering them. "





### **Page: 12: Prelims Pointer**

The UNCTAD World Investment Report 2025 has flagged a significant decline in India's Foreign Direct Investment (FDI) levels, both in absolute terms and as a share of the country's capital formation and GDP. This trend suggests that foreign investment is playing a diminishing role in India's development financing.

# 'India FDI slid 1.8% in 2024, share in capital formation declining'

### T.C.A. Sharad Raghavan NEW DELHI

A new report by the United Nations (UN) shows how foreign investment is playing a shrinking role in India's development, with foreign direct investment (FDI) inflows making up 2.3% of all capital formation in India in 2024, down from 8.8% in 2020.

The World Investment Report 2025 by the United Nations Conference on Trade and Development, released on Thursday, further shows that the total stock of foreign investment accumulated in India over the years stood at 14% of the country's gross domestic product (GDP) in 2024, down from 17.9% in 2020.

In fact, in absolute terms, India attracted \$27.6 billion of FDI in 2024, down 1.8% from 2023 or less than half seen in 2020. The report, however, noted overall capital formation in India from other sources had been robust.

### **Key Findings**

- FDI Inflows (2024): \$27.6 billion
  - > Down 1.8% from 2023
  - Less than half of the FDI received in 2020
- FDI as % of Capital Formation (Gross Fixed Capital Formation):
  - Dropped to 2.3% in 2024 from 8.8% in 2020





- FDI Stock as % of GDP:
  - Declined to 14% in 2024 from 17.9% in 2020

### Interpretation & Implications

- A steady fall in FDI's contribution to India's investment pool reflects lesser foreign investor confidence or interest, especially in high-capital projects.
- However, domestic capital formation remains strong, suggesting India is increasingly relying on internal resources (public investment, domestic private investment) for growth.
- Policy implications may include the need for:
  - Easing of regulatory bottlenecks
  - Enhanced investor protection mechanisms
  - > Improved ease of doing business
  - Sector-specific reforms (manufacturing, electronics, services).

### **UPSC PrelimsPractice Question**

Ques:With reference to the UNCTAD World Investment Report 2025, consider the following statements:

- 1. FDI inflows into India increased by more than 10% in 2024 compared to 2023.
- 2. The share of FDI in India's gross capital formation has declined between 2020 and 2024.
- 3. The total stock of FDI in India in 2024 is less than 15% of the GDP.

### Which of the above statements is/are correct?

- a) 1 and 2 only
- b) 2 and 3 only
- c) 1 and 3 only
- d) 1, 2 and 3

Ans:b)





## **Page: 08 Editorial Analysis**

# Blame not the messenger in India's diplomacy

references to not 'shooting the messenger' for bringing bad news. In Shakespeare's Antony and Cleopatra, the Egyptian queen assaults a messenger and threatens to have him "whipped with wire and stewed in brine, smarting in ling' ring pickle", for bringing her the news that the Roman General Mark Antony has married another. "I that do bring the news made not the match," the messenger replies, before making a hasty exit. Over the past two months, India's 'diplomatic messengers' too have faced an ire that is unprecedented — criticised not for the message they bring, but for failing to convey effectively enough, the message New Delhi has sent out after Operation Sindoor (May 7-10, 2025).

### Criticism of Indian diplomacy

Public commentary that is critical of the Ministry of External Affairs and its missions has focused broadly on three counts. First, that India received condolences and statements condemning the Pahalgam terror attack from all quarters, but not the kind of unequivocal support, especially from the neighbourhood, for retaliatory strikes on Pakistan, of the kind seen in 2016 (post-Uri) and 2019 (post-Pulwama). In 2016, Bangladesh, Bhutan, Afghanistan, Sri Lanka and the Maldives packed India's decision to stay away from the South Asian Association for Regional Cooperation summit in Pakistan after the Uri attack. In 2019, global solidarity with India forced even China to back a United Nations Security Council (UNSC) terror designation for Jaish-e-Mohammad chief Masood Azhar. Earlier, in 2008, there was international consensus in India's favour after the Mumbai attacks, when Hafiz Saeed and a number of Lashkar-e-Taiba terrorists were designated by the UNSC, and Pakistan was put on the Financial Action Task Force (FATF) grey list for the first time. Instead, this time, unfavourable comparisons have been made to Pakistan for the lines of support it received from China, Turkiye, Azerbaijan, Malaysia and the Organisation of Islamic Cooperation (OIC).
Second, the perception is that Pakistan has

Second, the perception is that Pakistan has scored some diplomatic wins, despite widespread global understanding that Pakistan uses terrorists as state proxies. In April, Pakistan, a non-permanent member of the UNSC, managed to amend the resolution on Pahalgam to delete any reference to The Resistance Front (TRF), that claimed responsibility for the heinous attack.

Earlier this month, Pakistan was chosen as chair of the Taliban Sanctions Committee and vice-Chair of the Counter-Terrorism Committee at the UNSC, and secured loans from the International Monetary Fund and Asian Development Bank despite New Delhi's opposition. Next was the White House's lunch invitation to Pakistan Army chief (now Field Marshal) General Asim Munir, despite the belief in India that his "jugular vein" speech was a virtual green signal for the Pahalgam attack. In



Suhasini Haidar

India's tough

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message on

July, as Security Council President for the month, Pakistan will try to schedule meetings on the India-Pakistan conflict and Kashmir, even as India accelerates efforts to designate the TRF at the UNSC, and place Pakistan on the FATF greylist. India's diplomats will be tested again.

The third aspect pertains to United States President Donald Trump, who, despite official denials from India, has chosen to muddy the narrative of how the May IO ceasefire was achieved, hyphenating India and Pakistan in more than a dozen public statements, and offering to mediate on Kashmir. His latest iteration of the comments this week, just hours after a telephone conversation with Prime Minister Narendra Modi, and just before his meeting with Gen. Munir, was possibly the most blatant. Thus far, Mr. Trump's statements, post-ceasefire, have not had a single word on the scourge of terrorism itself, showing just far apart the understanding between Delhi and Washington is at this time.

Washington is at this time.

A flurry of diplomacy does not seem to have moved the needle on these criticisms. After Operation Sindoor, special delegations of Members of Parliament and former diplomats travelled to 32 countries. The most time (six days) was spent in the United States. After the G-7 meet, Mr. Modi has meetings ahead with BRICS leaders. External Affairs Minister S. Jaishankar is visiting the U.S. for the Quad Foreign Ministers Meeting soon, after several visits to European capitals recently. The government had not essayed such a campaign after the 2016 or 2019 actions against Pakistan, indicating that it too feels that diplomatic efforts by the Ministry of External Affairs and missions abroad have been found wanting and need bolstering.

But much as the messenger in Shakespeare says, India's diplomats do not decide the message that India wishes to send after Operation Sindoor, and cannot be held responsible for its resonance. It is necessary for the government to study the contents of that message, the shift in geopolitical narratives and in how India is perceived, in order to build a more realistic assessment of how far international diplomacy can ensure the outcomes New Delhi desires vis-à-vis Pakistan.

### The 'new normal'

With reference to the content of the message, Mr. Modi's three-pronged "New Normal" has raised eyebrows in some capitals. The first prong - 'Any act of terror is an act of war' - lowers the threshold for future conflicts, passing the trigger for Indian strikes into the hands of any terrorist, acting on orders on their own. The second - 'India will not bow to nuclear blackmail' - is not necessarily new, but has been left unarticulated thus far because it gives the appearance of a heightened nuclear risk for the region. The third - India will not distinguish between state and non-state actors henceforth - sends out an escalatory message, indicating that the next terror attack could well invoke 'Armageddon',

rather than the controlled four day conflict in Operation Sindoor. While India's partners have not asked for evidence of Pakistan's links to Pahalgam, they look askance at other aspects – like why India has been unable to trace the terrorists responsible yet.

Next, it is necessary to note that global shocks in the past few years have changed how the world views India's tough messaging. Take for example, a growing number of statements by Indian Ministers about "taking back Pakistan occupied Kashmir" by force if necessary. These make many of India's interlocutors uncomfortable, given the current number of conflicts over territorial aggression underway, from West Asia, to Ukraine to the South China Sea. In the light of Israel's retaliation for the October 7, 2023 terror attacks, few wish to give any state a free hand for "retribution". New Delhi's refusal to criticise Russia for its invasion of Ukraine in 2022 and to raise its oil imports from Russia in the face of sanctions, lost it some support in the western world, especially Europe. The Modi government's silence on Israel's devastation of Gaza has also been met with disappointment in the Global South.

India, as Mr. Modi told Mr. Trump this week, view terrorism emanating from Pakistan," not as a proxy war, but as a war itself". India's diplomats have been left explaining why their stock responses that "this is not an era of war" and that "dialogue and diplomacy" are the only way forward do not apply to India and Pakistan. Thus, it may be necessary for New Delhi to rethink how it frames its message in view of these changes, notwithstanding the global double standards inherent in the expectations from India.

### Democracy in decline

Finally, there is need for introspection over how the Modi government's image itself has altered in the world since 2019, leading to diplomatic challenges on a number of fronts. These range from concerns abroad over laws such as the Citizenship (Amendment) Act, the amendment of Article 370, Internet bans and summary arrests in different parts of the country, and accusations against Indian government agents of involvement in transnational killings in the U.S. and Canada. Questions over the broader decline in democracy and the status of minorities within India have also increased in the past few years. India's delegations abroad (Operation Sindoor) had to field some of those questions during their travels.

India's right to defend itself from decades of Pakistan-backed, trained and funded terrorists is unassailable. But carrying a tough message on terror is easier for the diplomats tasked with the role, if in a strife-rolled world, the government plays to India's advantages, and what differentiates it from Pakistan – as a secular, stable, pluralistic, rule-abiding democratic and economic power.

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Paper 02: Internaional Relations

**UPSC Mains Practice Question:** India's post-terror diplomatic responses are increasingly misaligned with global geopolitical trends. Discuss with reference to Operation Sindoor and India's diplomatic strategy. (250 words)





### **Context:**

The article evaluates the global diplomatic response to India's Operation Sindoor (May 2025) — a military retaliation following the Pahalgam terror attack — and argues that criticism of India's diplomats is misplaced. The core issue lies not in *how* the message was delivered, but *what* was messaged and how global geopolitics has evolved.

Key Issues Highlighted

### 1. Weak Diplomatic Support Post-Operation Sindoor

Unlike after previous cross-border strikes:

- 2016 (Uri): Regional solidarity (SAARC boycott by Bangladesh, Sri Lanka, Afghanistan, etc.)
- 2019 (Pulwama): Masood Azhar designated by UNSC after global pressure
- 2008 (Mumbai Attacks): UNSC sanctions on Hafiz Saeed & Pakistan on FATF grey list

### In 2025:

- Minimal support post-Sindoor strike.
- OIC, China, Turkiye, and others sided with Pakistan.
- South Asian and Western support was lukewarm.
- This reflects a diplomatic disconnect between India's expectations and global priorities.

### 2. Pakistan's Recent Diplomatic Gains

Despite its terror links, Pakistan has:

- Amended the UNSC Pahalgam resolution, removing reference to TRF (The Resistance Front).
- Gained UNSC roles (Taliban Sanctions Chair, Counter-Terrorism Vice-Chair).
- Secured IMF and ADB funding despite Indian opposition.
- Pak Army chief Gen. Munir invited to the White House.
- May attempt to raise Kashmir at the UNSC as July President.

These developments suggest that India's message didn't resonate globally, while Pakistan was able to maneuver diplomatically, even amid its economic and political crisis.

### 3. Problematic Messaging: India's "New Normal" Doctrine

The article critiques the three-pronged strategic doctrine articulated by PM Modi post-strike:





### i) "Any act of terror is an act of war"

- Over-escalatory: Allows any rogue non-state actor to provoke large-scale retaliation.
- Creates instability: Lowers the threshold for war.

### ii) 'India will not bow to nuclear blackmail"

- Risky signaling: Breaks previous restraint on nuclear rhetoric.
- Alarms foreign capitals already worried about nuclear conflict zones.

### iii) 'No distinction between state and non-state actors"

- Implied full-scale retaliation: Against Pakistan even for non-state actions.
- Suggests all-out war potential, not controlled military ops.

This rhetorical hardline made even friendly countries hesitant to offer explicit support, especially in a world already anxious about territorial aggression and military adventurism.

### 4. Diplomatic Misalignment with Global Norms

India's assertive approach is being viewed differently now than in the 2010s due to:

- Geopolitical shifts: World is cautious post-Ukraine, Gaza, and South China Sea.
- India's ambiguous stance on Ukraine (not criticising Russia) and Gaza (silence on Israel's actions) weakened its moral appeal in the West and Global South.
- "Taking back PoK" statements by Indian leaders fuel fears of territorial revanchism.

Diplomatic double standards (India demanding global support for its actions, while remaining silent on others) have undermined India's narrative consistency.

### 5. Decline in India's Global Democratic Image

Rising global criticism around:

- CAA, Article 370 abrogation, Internet shutdowns, minority rights issues
- Allegations of transnational killings (e.g., in Canada and the US)
- Democratic backsliding narratives in foreign media and parliaments

These issues make India's moral argument on terrorism and sovereignty harder to sell, especially when contrasted with Pakistan's low global credibility. Instead of highlighting its democratic distinctiveness, India has risked appearing authoritarian.

### **DAILY CURRENT AFFAIRS**





### Core Argument

India's diplomats ("messengers") should not be blamed for the lack of international support. The problem lies in the message and the context:

- Aggressive messaging must consider the changing global mood.
- Moral high ground is key India must differentiate itself from Pakistan not just militarily, but as a secular, democratic, pluralistic power.
- The tone of diplomacy needs recalibration, not just more of it.

Conclusion: Rebuilding a Credible Global Narrative

To regain international diplomatic traction, India must:

- Focus on soft power and moral credibility
- Align messaging with democratic values and international norms
- Avoid escalatory rhetoric that contradicts its calls for dialogue in other forums
- · Strategically leverage multilateral platforms without sounding belligerent

This also requires internal democratic strengthening — foreign policy credibility begins at home.