



**VAJIRAM & RAVI**  
Institute for IAS Examination

# The Analyst

**CURRENT AFFAIRS Handout**

**13th February 2026**



**CONTEXT:** New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

## Basic CONCEPTS of Inflation

### Concept Check

Prices change over time

Cost of living indicator

Specific basket of goods

How to measure this?  
Base Year



Less Income

More Spent on Food



### Engel's Law



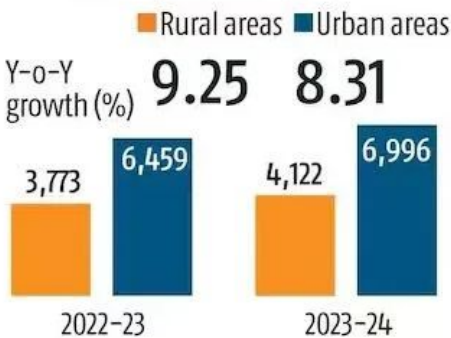
More Income

Less Spent on Food  
More Spent on Other Goods & Services



## CONSUMPTION PATTERN

Monthly per capita expenditure without imputation (in ₹)

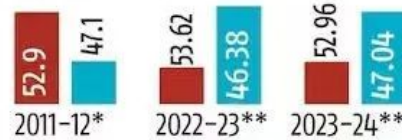


Source: HCES/NSO

Expenditure share (in %)

Food items    Non-food items

RURAL AREAS



URBAN AREAS



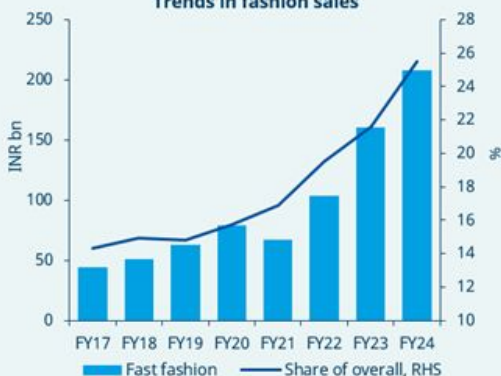
\*NSS (68th round) \*\*HCES

Source: NSO

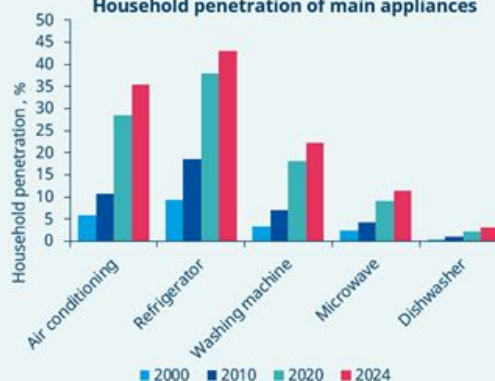
## Changing consumption patterns

As incomes rise, the pattern of consumption moves away from basics towards more discretionary products.

### Trends in fashion sales



### Household penetration of main appliances



**CONTEXT:** New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

## UPSC PYQ (P) 2022

In India, which one of the following is responsible for maintaining price stability by controlling inflation?

- a) Department of Consumer Affairs
- b) Expenditure Management Commission
- c) Financial Stability and Development Council
- d) Reserve Bank of India

### Monetary Policy Committee

 RBI Inflation Target

INFLATION Band 

## UPSC PYQ (P) 2022

With reference to the Indian economy, consider the following statements:

1. If the inflation is too high, Reserve Bank of India (RBI) is likely to buy government securities.
2. If the rupee is rapidly depreciating, RBI is likely to sell dollars in the market.
3. If interest rates in the USA or European Union were to fall, that is likely to induce RBI to buy dollars.

Which of the statements given above are correct?

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

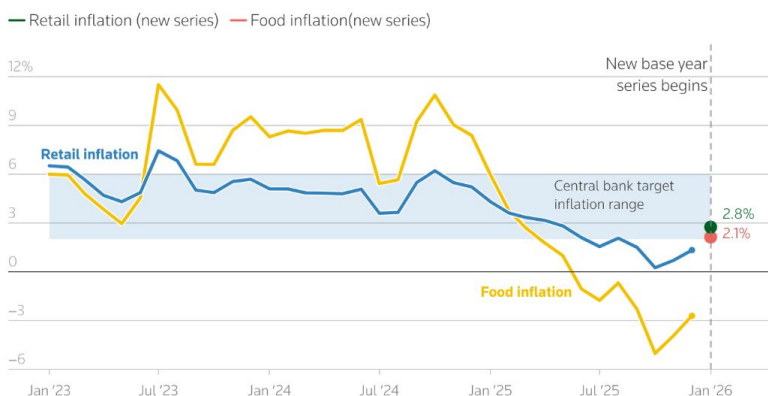


## What Has Changed Now?

ASPECT	Old	New
<b>Base Year</b>	2012	<b>2024</b>
<b>Items Covered</b>	299	<b>358</b>
<b>Online markets</b>	×	<b>12</b>
<b>Groups</b>	6	<b>12</b>
<b>Goods</b>	259	<b>308</b>
<b>Services</b>	40	<b>50</b>

### India January inflation rises under new data series

India's inflation numbers from January 2026 onwards are calculated with base year 2024 while previous ones were calculated with base year 2011



 1st inflation rate under new series: **January 2026 = 2.75%**

 **Food inflation** Jan 2026 = 2.13%





**CONTEXT:** New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

## ✗ Removed

**VCRs**

**Cassette players**

**Coir rope**

## ✓ Added

1. **OTT**

2. **Telecom plans**

3. **Airfares**

4. **Digital storage**

5. **Streaming**

6. **Childcare**

7. **Value-added dairy**

8. **Rural house rent**

 **Online & Digital Prices:**

**Discounts + dynamic pricing:** Real inflation, Demand

## Inflation evolution

Since 1960s

Four indices compiled-  
CPI-IW, CPI-AL,  
CPI-RL, CPI-UNME

2001

Panel led by C Rangarajan  
moots reforms

Jan 2011

CPI for rural, urban and  
combined released  
with base year 2010

Jan 2015

Revised CPI with base  
2012 released

Feb 2026

Revised CPI with base  
2024 releases today


## NEW VS OLD CPI BASKET

CPI sub-category	New Series (%)	Old series (%)	Difference* (pp)
Food & Beverages	36.8	45.9	(9.1)
Intoxicants	3.0	2.4	0.6
Clothing & footwear	6.4	6.5	(0.1)
Housing, water, electricity, gas & other fuels	17.7	16.9	0.8
Furnishings, household equipment & routine household maintenance	4.5	3.8	0.7
Health	6.1	5.9	0.2
Transport	8.8	6.4	2.4
Information & Communication	3.6	2.2	1.4
Recreation, sport & culture	1.5	1.7	(0.2)
Education services	3.3	4.5	(1.1)
Restaurant & accommodation	3.3	0.01	3.3
Personal care, social protection & misc. goods & services	5.0	3.9	1.1
Core CPI (ex-F&B, fuel)	<b>57.9</b>	<b>47.3</b>	<b>10.6</b>

Source: MoSPI



## The New Basket

Category	Old Weight (2012)	 New Weight (2024)	Why?
<b>Food &amp; Bev</b>	45.86%	<b>36.75%</b>	
<b>Clothing</b>	6.53%	<b>2.38%</b>	

Rise of Services Weights	New Weight	Why?
<b>Housing</b>	17.67%	
<b>Transport</b>	8.8%	
<b>Health</b>	6.1%	
<b>Communication</b>	3.61%	
<b>Paan/Tobacco</b>	2.99%	



**CONTEXT:** New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

## UPSC PYQ (P) 2021

With reference to Indian economy, demand-pull inflation can be caused/increased by which of the following?

1. Expansionary policies
2. Fiscal stimulus
3. Inflation-indexing wages
4. Higher purchasing power
5. Rising interest rates

Select the correct answer using the code given below.

- a) 1, 2 and 4 only
- b) 3, 4 and 5 only
- c) 1, 2, 3 and 5 only
- d) 1, 2, 3, 4 and 5

## UPSC PYQ (P) 2021

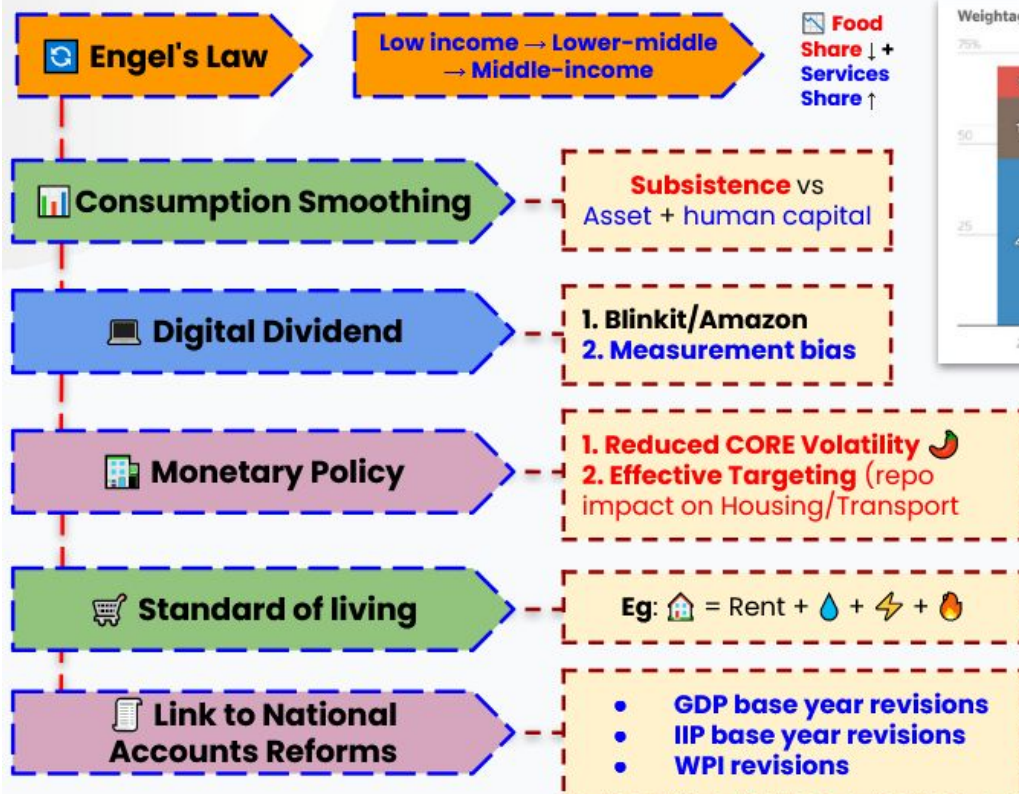
Consider the following statements:

1. The weightage of food in Consumer Price Index (CPI) is higher than that in Wholesale Price Index (WPI).
2. The WPI does not capture changes in the prices of services, which CPI does.
3. Reserve Bank of India has now adopted WPI as its key measure of inflation and to decide on changing the key policy rates.

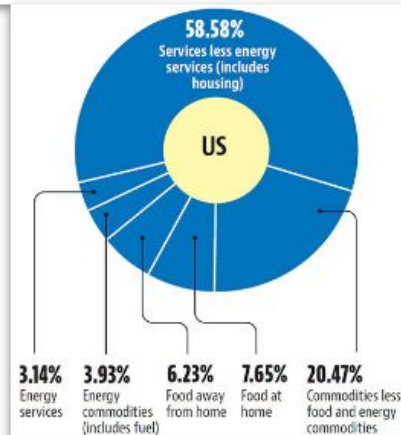
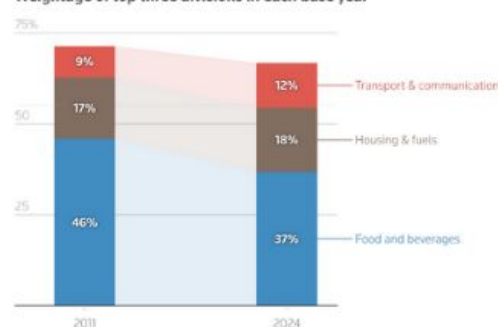
Which of the statements given above is/are correct?

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

## Critical Analysis: Why This Revision Matters?



Weightage of top three divisions in each base year



## The New CPI Series



**CONTEXT:** New CPI Series (Base Year: 2024)

Source: Ministry of Statistics and Programme Implementation

### Mains Practise Question

**The shift in CPI weights in the 2024 Series validates Engel's Law in the context of the Indian Economy." Discuss. How does this revision aid the RBI in effective inflation targeting?**

(15 Marks, 250 words)

### What they expect

Institution	Estimated impact of new CPI series on inflation rate
Bank of Baroda	Upward bias of 25-40 bps
SBI Research	Upward bias of 20-30 bps
Nomura	Near-term upside of 50 bps
Canara Bank	Expected to move closer to 4%
IDFC First Bank	Likely to increase by 40-50 bps in FY26, and 10 bps in FY27
India Ratings	Expected to rise

Note: One basis point (bp) equals 0.01 percentage point





# AI sparks IT Sector selloff

**CONTEXT:** A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

## Why the Panic?



CNBC-TV18

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A sudden sell-off rattled markets after Anthropic rolled out new enterprise tools for its AI model 'Claude', raising fears that AI could replace software & IT services.

Around ₹1.9 lakh crore was wiped out from Indian markets in a day, with the Nifty IT logging its sharpest fall since March 2020. Investors are now reassessing the future of labour-heavy tech businesses. This shift is being called the "Anthropic Effect." #Watch



### Anthropic Unveils Claude Opus 4.6: A Game Changer Beyond Coding!

Anthropic has launched Claude Opus 4.6, claiming it to be their 'smartest model' yet. This upgrade enhances capabilities for complex tasks like Excel and PowerPoint, and promises improved developer experiences with faster project completions. A new feature, 'agent teams,' allows collaborative project work among agents. The model also boasts extensive safety tests and upgraded cybersecurity features.

AIShort by Hamid Siddiqui / 05-February-2026

### Investors feared AI tools may:

- Reduce demand for **paid legal databases**
- Reduce need for **data analytics subscriptions**
- Reduce **per-seat software licensing**
- Reduce **professional service billing**



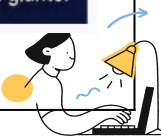
## Nature of the collapse

Legal & Data Firms	Drop	Software Firms	Drop
Thomson Reuters	~18%	Sage	↓
RELX	~14%	Pearson	↓
Wolters Kluwer	~13%	LSEG	↓
LegalZoom	~19%		
Analytics Firms	Drop	Advertising Firms	Drop
FactSet	~9%	Omnicom	~10%
Morningstar	~8%	Publicis	~9%
Experian	6-12%	Pinterest	~8%
		Snap	~8%

### GLOBAL MARKET FALLOUT

#### Mid-Sized Firms Hit Hardest

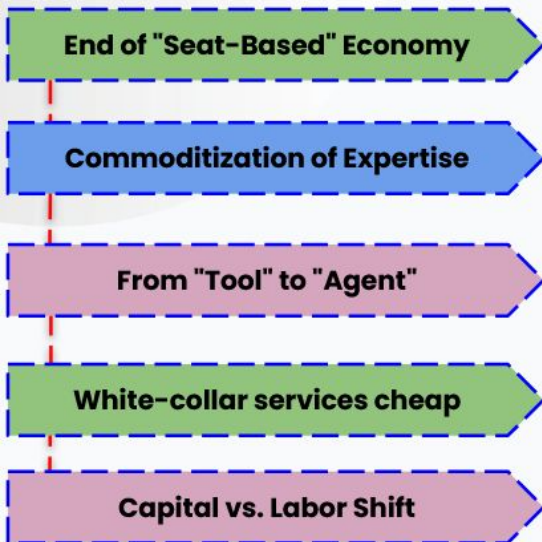
Specialized professional service software saw deeper percentage drops than big-tech giants.



# AI sparks IT Sector selloff

**CONTEXT:** A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

## What the future may look like



### Transition to Full-Scale Automation



Claude agents now perform end-to-end workflows in legal, sales, and coding without human oversight.

### Rapid Enterprise SAP Migrations

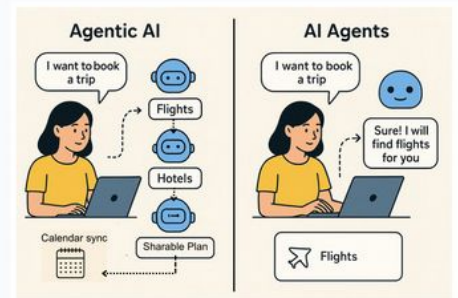


Systems that once took years to migrate are now completed in weeks via AI.

### The Death of the Traditional SaaS Model



Investors fear single AI agents will replace the need for multiple specialized software subscriptions.



## Impact on India

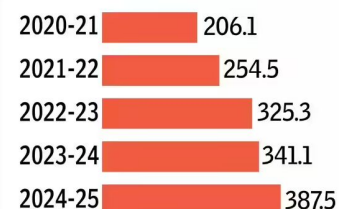
### The "Back Office" Crisis

- India's USP was \_\_\_
- Legal Process Outsourcing/ Knowledge Process Outsourcing @Gurgaon/Pune
- Indian IT giants
- Global Capability Center Shift
- Startup Renaissance
- Demographic disaster



### GCCs Key Drivers

#### India's services exports (\$bn)



Source: Commerce dept





# AI sparks IT Sector selloff

**CONTEXT:** A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.



## Major GoI Initiatives

### Skill India Mission

> Targets training millions. > Includes sub-schemes like PMKVY covering Industry 4.0, AI, robotics.

### Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

> Recognises and trains youth in industry-relevant skills.  
> Under PMKVY 4.0 there is orientation to digital/AI skills.

### FutureSkills PRIME (by Ministry of Electronics & Information Technology/NIELIT)

> Industry-aligned up-skilling of IT manpower in ~10 emerging technologies.

### Skill India Digital Platform

> One-stop digital gateway for skilling & jobs; aligned to "Industry 4.0" skills.

### Atal Innovation Mission (AIM) (by NITI Aayog)

> Fosters innovation mindset, incubation, R&D in startups & universities.

### ITI Upgradation Scheme / technical/vocational infrastructure upgrade

> Large-scale funding for modernising ITIs, aligning with industry needs.



## Way Forward: Policy & Strategy

Rebranding "Skill India"

Sovereign AI Infrastructure

Shift from "Services" to "Products"

New Labor Codes for Gig Economy

Human-in-the-Loop Regulation



### Comprehensive national-level IndiaAI Mission approved

Budget outlay: Rs.10,371.92 crore

■ Mission aims to establish a comprehensive ecosystem catalyzing AI innovation through strategic programs and partnerships across the public and private sectors

■ Mission will be implemented by 'IndiaAI' Independent Business Division (IBD) under Digital India Corporation (DIC)

Cabinet Decision  
Source: GoI



## AI sparks IT Sector selloff



**CONTEXT:** A brutal selloff has hit US and European stock markets, specifically targeting Legal, Data, and Software companies.

### Mains Practise Question

**The recent volatility in global professional services stocks indicates that Artificial Intelligence is moving from 'augmentation' to 'replacement'. In light of this, discuss the vulnerability of India's IT-BPO sector and suggest a roadmap to move up the value chain.**  
(15 Marks, 250 words)

STOCK	PRICE	CHANGE
Tech Mahindra	1,536.60	-97.80
Infosys	1,386.00	-85.90
Tata Consultancy Services	2,750.10	-159.70
HCL Technologies	1,476.10	-75.50
Wipro	219.08	-10.73
Mahindra & Mahindra Ltd	3,593.10	-81.80
Hindustan Unilever	2,409.70	-53.20
Cipla	1,330.00	-19.90
Reliance Industries	1,448.90	-19.80
Adani Enterprises	2,211.80	-25.40
Jio Financial Services	267.55	-2.75





# What is a substantive motion?

**SYLLABUS : GS2 : Parliament & Constitutional Procedures**

**Newspaper: The Indian Express Page Number: 5**

## WHAT IS A SUBSTANTIVE MOTION?

A self-contained, independent proposal capable of expressing the decision of the House.

**Independent**

**Not dependent** on another motion

**Self-contained**

**Complete** in itself

**Decision-capable**

Can lead to **binding House decision**

**Votable**

Put to **vote**

Conduct of **President, Judges, CEC, CAG, etc.**, can only be discussed via a Substantive Motion.



**When Are Substantive Motions Used?**

**Election**

Speaker / Deputy Speaker

**Confidence**

No-confidence motion

**Constitutional**

Removal of Speaker

**Judicial**

Judge impeachment motion

**Member conduct**

Expulsion / suspension motion

**House action**

Motion declaring seat vacant



## The Procedure: How to Expel an MP?

### Step 1: The Notice

- Any MP gives notice to the Secy-General.
- No "Seconder" is needed

### Step 2: Speaker's Call

- Decides if the motion is in order
- If admitted, the Mover seeks "Leave of House"

### Step 3: The Debate

- The Mover speaks first.
- Right of Reply:** Unlike normal questions, the Mover gets to speak *again* at the end of the debate to answer counter-arguments.



### CAN AN MP BE EXPELLED THROUGH THIS?



**Yes — Parliament Has Power**

- Simple Majority**

*Note:* The Constitution doesn't explicitly say "Parliament can expel".

*Raja Ram Pal Case, 2007:*

Parliament has the **Inherent Power** to punish its members for misconduct to protect its dignity.



**SYLLABUS : GS3 :** Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

**Newspaper:** The Hindu **Page Number:** 10

## Status of Pulses production in India

Table 2.2: Global Scenario by Top Ten Pulse Producing Countries (2018-2022)

Top Ten Producing Country	Area (Mha)	Production (MT)	Yield (t/ha)	Contribution (%)		Ranking (Yield)
				Area	Production	
India	33.46	24.76	0.74	35.87	27.4	10
Canada	3.43	6.45	1.88	3.68	7.13	2
China	2.67	4.86	1.821	2.86	5.38	4
Nigeria	4.93	4.07	0.827	5.28	4.51	9
Russia	2.19	3.73	1.707	2.34	4.13	5
Myanmar	3.85	3.66	0.95	4.13	4.05	8
Australia	2.25	2.98	1.324	2.41	3.29	6
Ethiopia	1.6	3.03	1.894	1.72	3.36	1
Brazil	2.71	2.94	1.085	2.9	3.25	7
USA	1.31	2.45	1.874	1.4	2.71	3
World	93.29	90.38	0.969	NA	NA	NA

Source: Authors computation from FAOSTAT database (2024).

### Pulse Report

**Kharif crops:** pigeon pea, green gram, black gram, horse gram

**Rabi crops:** chickpea, lentil, field bean, green gram, black gram

**Chickpea** (47.4%)  
**Pigeonpea** (15.4%),  
**Green gram** (12%),  
**Black gram** (10.3%),  
**Lentil** (5.4%)

## UPSC PYQ (P) 2020

**With reference to pulse production in India, consider the following statements:**

1. Black gram can be cultivated as both kharif and rabi crop.
2. Green gram alone accounts for nearly half of pulse production.
3. In the last three decades, while the production of kharif pulses has increased, the production of rabi pulses has decreased.

**Which of the statements given above is/are correct?**

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

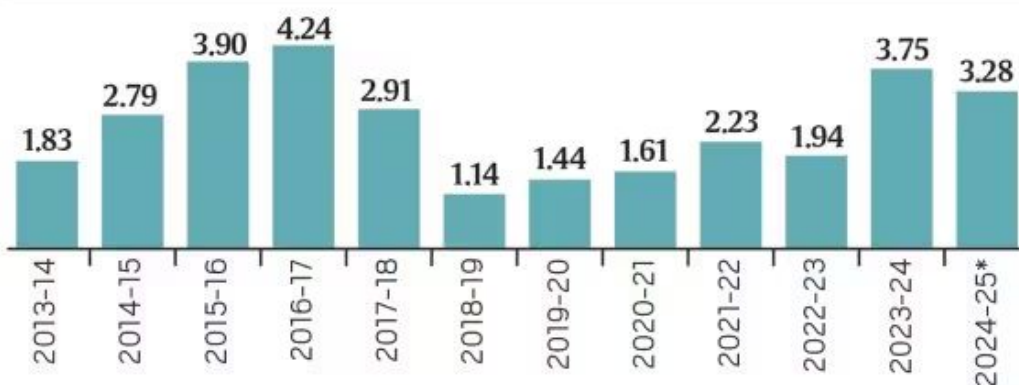




**SYLLABUS : GS3 :** Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

**Newspaper:** The Hindu **Page Number:** 10

## IMPORTS OF PULSES (IN \$ BILLION)



\*April-November.

Source: Department of Commerce.



## INDIA'S PULSES DEMAND-SUPPLY MATH

12  
34

### Current Balance

Annual production	~2.5 crore tonnes
Estimated demand	~3.0 crore tonnes
Gap	~0.5 crore tonnes
Gap filled by	Imports

Canada, Myanmar, Mozambique, now... USA

Period	Govt Procurement Share
2019-24	2.9% – 12.4% of production

Means most farmers sell outside MSP system.

### Why Production Lags Demand

Rain-fed cultivation risk ☁

Lower yields vs global competitors 📊

Poor seed technology adoption 🌱

Low input investment by farmers 💰

Weak MSP assurance 📉



**SYLLABUS : GS3 :** Major crops, Marketing of agricultural produce, Issues of buffer stocks & food security

**Newspaper:** The Hindu **Page Number:** 10



## TRADE DEAL CONTROVERSY

### Explained: US tones down both factsheet and joint statement on trade deal — how this affects India

India US joint statement update: The US has softened its claims about the gains it had secured from India as part of the trade deal. The updated factsheet tempers the wording in one section from 'committed' to 'intends', removes the mention of 'certain pulses' from another section, and drops one point altogether.

Written by: Ravil Dutta Mishra 7 min read New Delhi Updated: Feb 13, 2026 05:42 AM IST

As per the latest data, India's pulses imports in the first nine months of 2025-26 stood at \$2.53 billion, down 33% from the same period last year. In all of 2024-25, India's pulses imports from the entire world rose 46% to \$5.48 billion. The US, however, was a minor source of India's pulses imports at just \$90 million.

India imports about a fifth of its yearly consumption of pulses to meet domestic demand, with key countries from where these importers are secured being Canada, Russia, Brazil, Myanmar, and African nations like Mozambique and Malawi.

The dropping of 'pulses' from the revised fact sheet comes at a time when the Indian government is attempting to push for self-reliance in the segment. Just last week, [Shivraj Singh Chouhan](#), the Union Minister of Agriculture & Farmers' Welfare, said that importing pulses was a "matter of shame for us" and that India will become an exporter of the same. While noting that the area under pulses is declining, Chouhan had said this needs to increase and that emphasis is being put on raising both productivity and profitability of pulse crops.



### Farmers' issues

- **Forced imports?**
- **Anti-farmer**
- **Fear of price crash**
- **MSP trust deficit**
- **Politically explosive**



## STRUCTURAL REFORMS NEEDED

### Self-Sufficiency Mission

### MSP Guarantee Credibility

### Procurement Infra Expansion

### Productivity Boost

### Climate-resilient varieties

### India's Mission for Self-Sufficiency in Pulses

This national mission (2025-26 to 2030-31) aims to achieve complete self-sufficiency in pulse production, reduce import dependence, and enhance farmers' income.

#### Mission Overview & Core Targets



#### A National Mission for Self-Reliance

To achieve complete self-sufficiency in pulses production and reduce imports by December 2027.



#### Implementation & Budget

The mission runs from 2025-26 to 2030-31 with a total outlay of ₹11,440 crore.

**350 Lakh Tonnes**  
Pulses Production Goal by 2030-31



**310 Lakh Hectares**  
Cultivation Area Expansion

Nearly **2 Crore** Farmers Benefited



#### Key Strategies for Implementation



#### Procurement Assurance

Guarantees 100% MSP procurement for Tur (Arhar), Urad, and Masoor for four years.



#### Technology & Seed Support

Launch of SATHI portal for seed traceability and distribution of 88 lakh free seed kits.



#### Value Chain & Processing

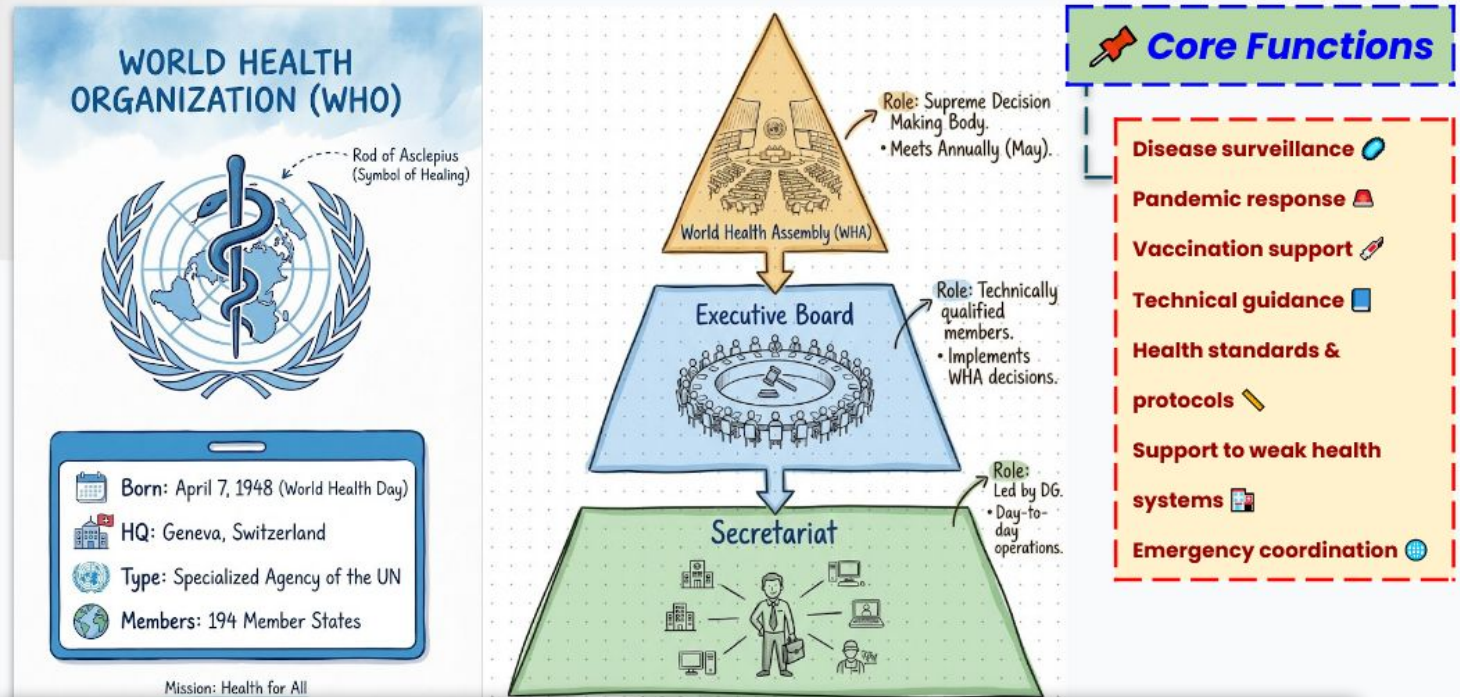
Establishment of 1,000 processing and packaging units with a ₹25 lakh subsidy each.



**SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate**

**Newspaper: The Indian Express Page Number: 10**

## Why World Health Organization matters



## HOW WHO IS FUNDED

**WHO has two main funding sources**

Stability

**Assessed contributions**

**Mandatory dues** by member states (calculated based on **GDP/Population**)

✓ Stable

**Voluntary contributions**

**Extra donations** (countries, foundations) **"Earmarked" (Tied)**

✗ Unstable

... BBC

### US officially leaves World Health Organization

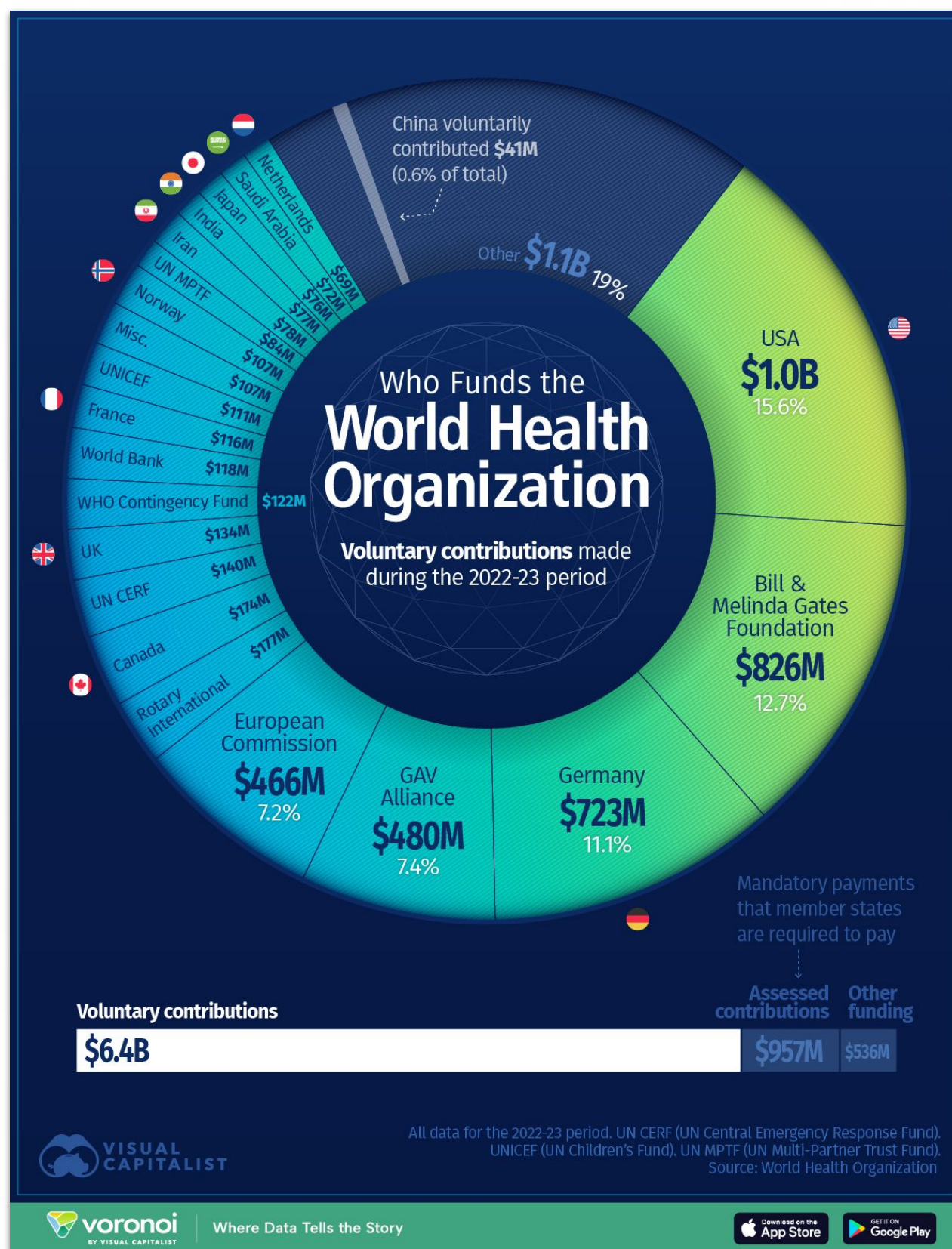
The US Department of Health and Human Services said it took the decision due to the WHO's alleged "mishandling" of the pandemic,...

3 weeks ago



**SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate**

**Newspaper: The Indian Express Page Number: 10**





**SYLLABUS : GS2 : Important International Institutions, agencies and fora - their structure, mandate**

**Newspaper: The Indian Express Page Number: 10**



## Vulnerability Analysis

WHO announced

**"Reset" of priorities**  
Shut "lower impact services"

Workforce Reduction

~ 7,000 people

Conflict Zone Hit

**WHO = only provider of  
neutral medical aid**

Assessed Contributions

 **India's  
Opportunity**

**1. Push funding reform  
2. Vaccine Maitri diplomacy  
3. Lead Global South**

### WHO'S FUNDING REQUIREMENT FOR RESPONDING TO EMERGENCIES IN 2025

EMERGENCY	US\$ '000
Afghanistan Humanitarian Emergency	126 720
Democratic Republic of the Congo Humanitarian Emergency	2857
Ethiopia Humanitarian Emergency	24 000
Haiti Humanitarian Emergency	18 480
Lebanon Humanitarian Emergency	48 051
Mpox Public Health Emergency of International Concern	81 241
Multi-Region Cholera	45 623
Myanmar Humanitarian Emergency	7573
occupied Palestinian territory Humanitarian Emergency	296 200
Somalia Humanitarian Emergency	38 070
South Sudan Humanitarian Emergency	22 056
Sudan Humanitarian Emergency	135 000
Sudan Refugees Humanitarian Emergency	51 700
Syrian Arab Republic Humanitarian Emergency*	141 462
Ukraine Humanitarian Emergency	68 361
Yemen Humanitarian Emergency	57 826
Contingency Fund for Emergencies (CFE)	50 000
<b>Grand total</b>	<b>1 520 901</b>



# Sawalkote Project & Indus Water Treaty

**SYLLABUS :** GS 2 : India and its Neighborhood (Hydro-diplomacy)  
**GS3:** Infrastructure (Energy), Internal Security (J&K Development)  
**Newspaper:** *The Indian Express*    **Page Number:** 2

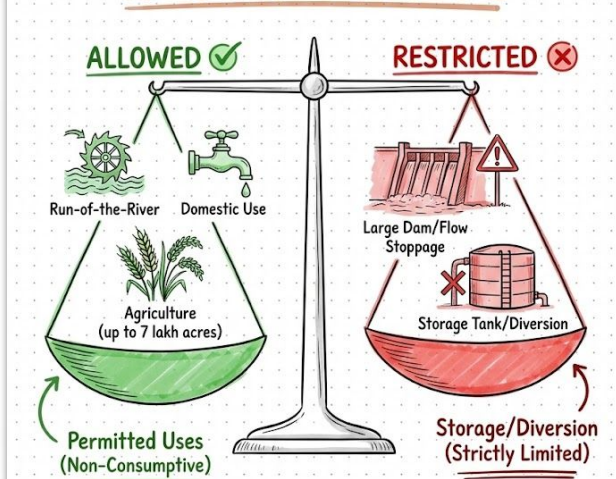
## Run-of-the-River vs. Storage Dams

India Today

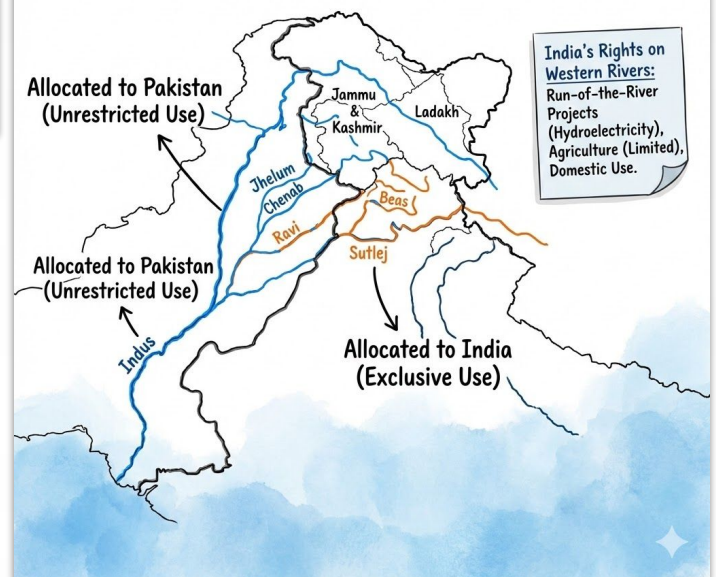
After Indus Treaty freeze, government fast-tracks mega Chenab dam project

The Modi government has accelerated the Sawalkot hydroelectric project on the Chenab river in Jammu and Kashmir. The project aims to enhance...

### INDIA'S RIGHTS ON WESTERN RIVERS



### INDUS WATER TREATY (1960)



## UPSC PYQ (P) 2021

With reference to the Indus river system, of the following four rivers, three of them pour into one of them which joins the Indus directly.

Among the following, which one is such a river that joins the Indus direct?

- (a) Chenab
- (b) Jhelum
- (c) Ravi
- (d) Sutlej

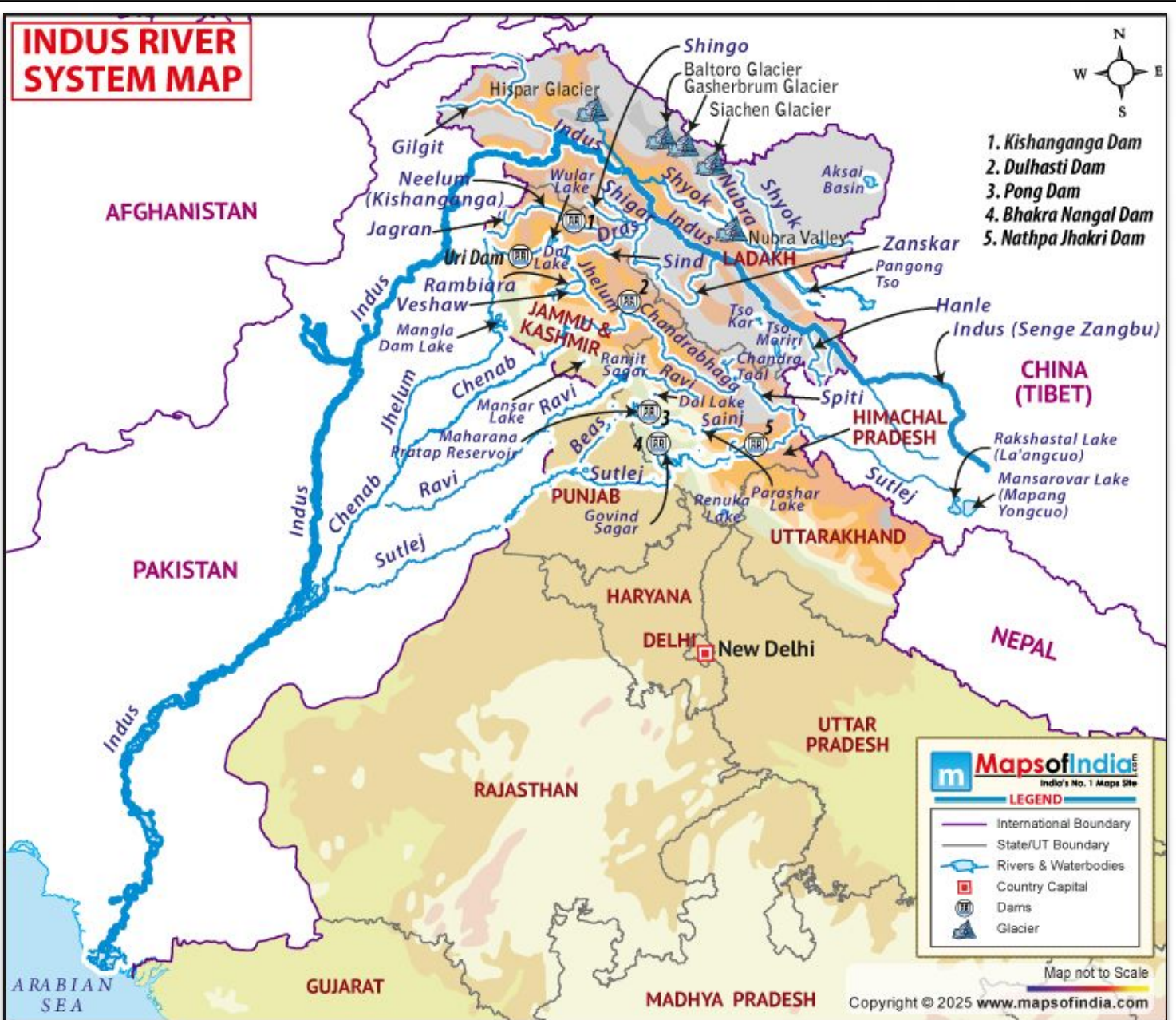




# Sawalkote Project & Indus Water Treaty



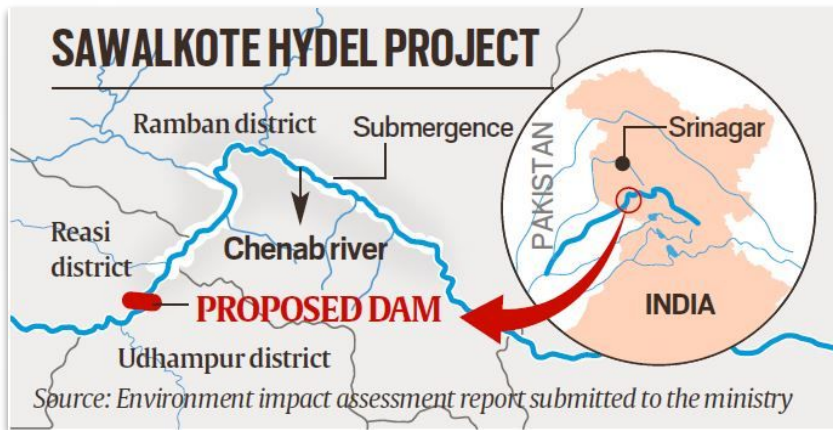
**SYLLABUS :** GS 2 : India and its Neighborhood (Hydro-diplomacy)  
GS3: Infrastructure (Energy), Internal Security (J&K Development)  
**Newspaper:** The Indian Express **Page Number:** 2



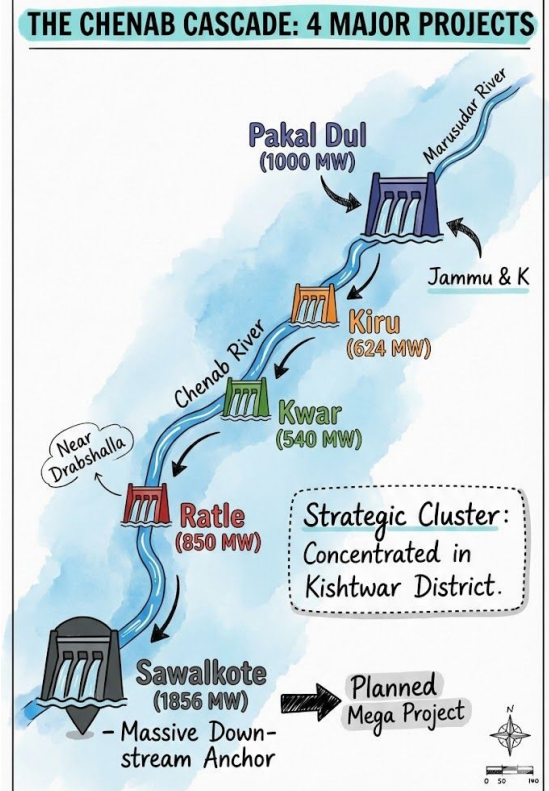


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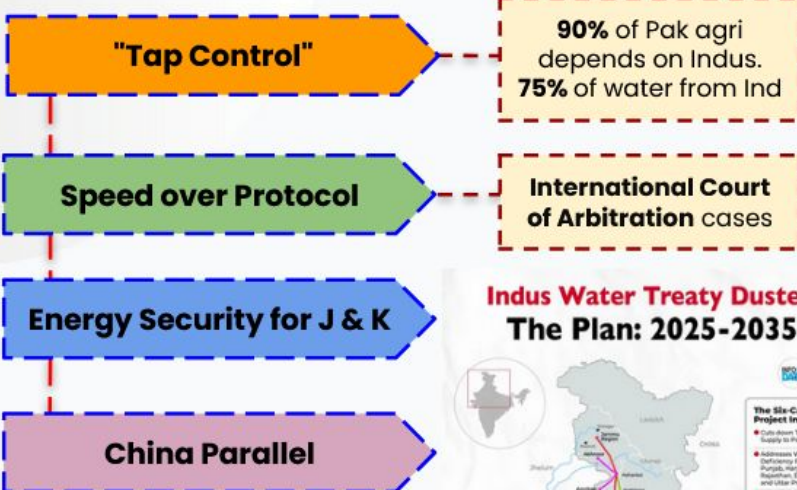
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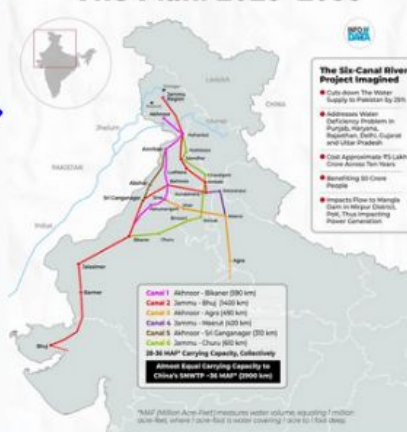
<b>Capacity</b>	1,856 MW (St-1: 1406 MW + St-2: 450 MW).
<b>Type</b>	Run-of-the-River
<b>Timeline</b>	9 Years (Target: Mid-2030s).
<b>Construction</b>	<b>24x7 Mode:</b> Full speed in non-monsoon, 50% speed during monsoon.



## Strategic Analysis



### Indus Water Treaty Dusted The Plan: 2025-2035



The Economic Times

'Unprecedented crisis': Pakistan cries in UN over India's decision to keep Indus Water Treaty in abeyance

Pakistan accuses India of creating an "unprecedented crisis" by suspending the Indus Waters Treaty, warning of severe threats to its water...

3 weeks ago

**Suspension of Indus Water Treaty threatens Pakistan:**

- 16 million hectares of crops at risk
- Karachi and Lahore face severe water crises
- Power crisis looms with 25% grid reliant on Indus dams
- Economic shock likely with 25% GDP tied to the Basin



**SYLLABUS : GS 2 : Issues relating to Education, Governance**  
**GS3: Science & Technology (Indigenization of technology, AI Awareness)**  
**Newspaper: The Hindu Page Number: 16**

## Digital Public Infrastructure for Education

### PUBLIC / SOCIETAL PLATFORMS

#### DIGITAL PUBLIC INFRASTRUCTURE

1. Distribute the value created
2. Align stakeholders to inclusive impact
3. Act to increase platform openness
4. Are governed by "impact" goals
5. Focus on citizen choice
6. Focus on transparency metrics for governance accountability
7. Embrace disruption to find new ways to deliver societal impact

#### EXAMPLES



### PRIVATE / COMMERCIAL PLATFORMS

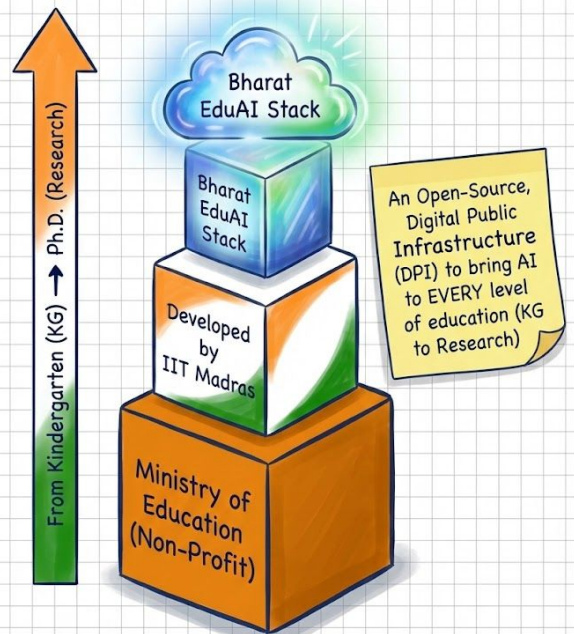
#### DIGITAL PRIVATE PRODUCTS

1. Lock-in the value created
2. Align stakeholders to valuation
3. Act to increase platform dependence
4. Are governed by "return" goals
5. Focus on "consumption" experience
6. Focus on competitive metrics
7. Anxious about disruption as it can impact their business

#### EXAMPLES



## INTRODUCING : BODHAN AI



**Goal:** To provide a "Personal Tutor" for every student and a "Personal Assistant" for every teacher, from **KG** to **PhD**.



**"Bloom's 2 Sigma" Problem**





**SYLLABUS : GS 2 : Issues relating to Education, Governance**

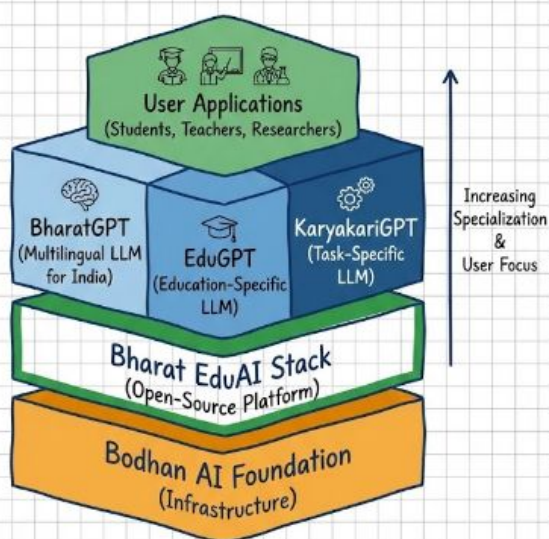
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## What is Bodhan AI?

### BHARAT EDUAI STACK: THE COMPONENTS



#### The Basics: What is a "Stack"?

Set of technologies layered on top of each other

<b>Layer 1 (Base)</b>	<b>Cloud &amp; Compute Power</b>
<b>Layer 2 (Brain)</b>	<b>AI Models</b>
<b>Layer 3 (App)</b>	<b>Chatbot/Tutor</b>





#### Why "Open Source"?

#### Core philosophy

- **Inclusive** by Design
- **Interoperable** by Architecture
- **Sovereign** by Capability

## 'Digital India' to 'Intelligent India'

#### Key Features

 <b>The AI Tutor</b>	<b>Personalized chatbot</b>
 <b>Teacher's Aid</b>	<b>Lesson plans, grade papers, etc.</b>
 <b>Parent Connector</b>	<b>Child's skills</b>
 <b>Institutional Admin</b>	<b>Data points on learning patterns.</b>

#### OTHER Strategic Collaborations

MoUs were signed:

- **IIT Bombay + Columbia University:** Setting up a "Centre of AI for Manufacturing" (Industry 4.0).
- **IIM Lucknow:** Launched an AI Programme.
- **IIM Jammu + AIT Bangkok:** Institutional collaboration.
- **IIM Ranchi:** "Teaching with AI" initiative.





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## Various INDIAN AI-Startups in News

### HEALTHCARE

**Niramai** has developed a non-invasive, privacy-conscious breast cancer screening tool that uses AI-driven thermal imaging instead of traditional mammography. The tool is portable and low-cost, and enables the early detection of abnormalities in women of all ages, including those with dense breast tissue where mammography often fails.

**Qure.ai** is an AI tool that analyses X-rays and CT scans in seconds, detecting more than 35 conditions like TB, lung cancer, and heart failure. This solution is very effective in resource-constrained settings where radiologists are unavailable.

**AISteth**, an AI-powered stethoscope, converts heart and lung sounds into visual waveforms for accurate, remote diagnosis. This low-cost device has a 93% accuracy and empowers frontline health workers in rural India to detect cardiac and respiratory issues early.

### AGRICULTURE

**Neoperk** is a portable device which uses near-infrared spectroscopy and machine learning to analyse soil health instantly without conventional lab chemicals. It provides lab-accurate results for 12 key soil parameters in under five minutes, empowering farmers to make data-backed decisions on fertiliser use and reducing input expenses.

**CottonAce** by Wadhvani Institute for Artificial Intelligence is an AI-based mobile app that allows farmers to upload photos of trapped pests to receive instant, localised advice on pesticide application. This app helps thousands of smallholder cotton farmers protect their crops from pests like pink bollworm, leading to higher-quality harvests and increased profit margins.

**Niqo Robotics** uses AI-powered robots equipped with computer vision (day-and-night cameras) to identify pests and weeds in real time. This allows for targeted spraying of pesticides. It has led to a significant reduction in pesticide use (up to 60-90% in some cases), lowering costs for farmers and reducing environmental toxicity.

**Cropin** is an AI-enabled digital ecosystem that spans farm monitoring, credit risk analytics, and last-mile farmer engagement. It drives sustainable productivity and climate-smart decisions, turning fragmented practices into predictive farming systems ready for global scale.

### EDUCATION

**PadhaiWithAI** uses an AI-powered personalised learning platform designed to tackle poor mathematics learning outcomes in government schools. Within just six weeks, the initiative significantly improved pass rates and the performance of high-achievers. It serves as a scalable model for bridging learning gaps in rural Indian education.

**Rocket Learning** has an AI-powered learning companion, Appu (a generative AI elephant), that interacts with parents and children via WhatsApp. It delivers bite-sized, play-based activities to help children under six years achieve foundational literacy and numeracy.

**Belagavi Smart City** is integrating deep learning-enabled eBooks into its public library ecosystem. Designed to analyse user behaviour and adapt storylines, vocabulary, and difficulty levels in real time, these books have enabled a 12% improvement in reading speed in just two weeks.

### Government as facilitator

The government can become a powerful ecosystem orchestrator for these grassroots AI innovations, helping them scale to pan-India high-impact applications. A strong national governance framework for the Indian AI Application Stack that dovetails with international frameworks like the European GDPR can make the stack a plug-and-play in many countries.

## Building AI for India

India now has 10 startups focused on AI research, while over 60 are creating products and wrappers from existing generative AI solutions.

### Sarvam AI

Building Indic voice LLMs. The creator of OpenHathi, an Indic Hindi LLM built on top of Llama 2.

### KissanAI

Unveils Dhenu, India's first agriculture-specific LLM, supports Hindi and English for real-time farming assistance.

### Soket AI Labs

Promotes ethical AGI and unveils Pragna-1B, an open-source, multilingual model.

### Subtl.ai

Offers 'Private Perplexity AI' for enterprises, ensuring data management and privacy.

### Stition.ai

Built Devika, an open-source alternative to GPT-4. Alongside developing AI-enabled security products and conducting LLM security research.

### Kogo AI

Builds India's first large action model (LAM)-based platform.

### Tensoic

Built Kannada Llama.

### TWO AI

Launches ChatSUTRA, enabling seamless AI conversations in 50+ languages.

### CognitiveLab

Releases Indic LLM Leaderboard and Yolo Gemma, vision language models for computer vision tasks like object detection, powered by Paligemma.

### Krutrim

India's first AI unicorn with an LLM trained on 2 trillion tokens and robust cloud services.

### CoRover.ai

Develops BharatGPT, supporting over 22 Indian languages for diverse AI virtual assistants.

### SML

Launches chatbot 'Hanoman', multilingual and affordable GenAI platform, offering services in 98 global languages, including 12 Indian languages.



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## Global AI Impact Summit



**AI  
IMPACT  
SUMMIT**  
भारत 2026 INDIA

### India-AI Impact Summit 2026 16 - 20 February 2026

- The India-AI Impact Summit 2026 will be the first global AI summit to be hosted in the Global South.
- It will be held from 16 to 20 February 2026 at Bharat Mandapam, New Delhi, as a five-day programme covering policy, research, industry, and public engagement.
- It will be anchored on 3 foundational pillars, or 'Sutras': People, Planet and Progress.
- The India AI Impact Expo is expected to feature over 300 exhibitors, from 30 Countries, across more than 10 thematic pavilions.

Source: PIB

### UPSC PYQ (P) 2025

**Consider the following statements regarding the AI Action Summit held in Grand Palais, Paris, in February 2025**

1. Co-chaired with India, the event builds on the advances made at the Bletchley Park Summit held in 2023 and the Seoul Summit held in 2024.
2. Along with other countries, US and UK also signed the declaration on inclusive and sustainable AI.

**Which of the statements given above are correct?**

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II



**Q1. Which of the following initiatives promote digital and AI-related skill development in India?**

1. Skill India Mission
2. Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0)
3. FutureSkills PRIME

**Select the correct answer using the codes given below.**

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

**Answer: d**

**Q2. With reference to Substantive Motion, consider the following statements:**

1. A substantive motion is not dependent on another motion.
2. It is self-contained and complete in itself.
3. It can not lead to a binding decision of the House and hence it is not put to vote.

**How many of the above statements is/are correct?**

- a) Only One
- b) Only Two
- c) All Three
- d) None

**Answer: b**

**Q3. With reference to the World Health Organization (WHO), consider the following statements:**

1. WHO has two main sources of funding: assessed contributions and voluntary contributions.
2. Assessed contributions are mandatory dues calculated based on factors such as GDP and population.
3. Voluntary contributions are often "earmarked" for specific purposes by donors.
4. WHO's core functions include disease surveillance, pandemic response, vaccination support, technical guidance and setting health standards.

**How many of the above statements is/are correct?**

- a) Only One
- b) Only Two
- c) Only Three
- d) All Four

**Answer: d**

**Q4. How many of the following are Rabi crops in India?**

1. Field Bean
2. Green gram
3. Black gram
4. Chickpea
5. Lentil

**Select the correct answer using the codes given below.**

- a) Only Two
- b) Only Three
- c) Only Four
- d) All Five

**Answer: d**

**Q5. The Svalkot Hydel Project is located on which of the following rivers?**

- a) Chenab
- b) Jhelum
- c) Sutlej
- d) Beas

**Answer: a**







# **VAJIRAM & RAVI**

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