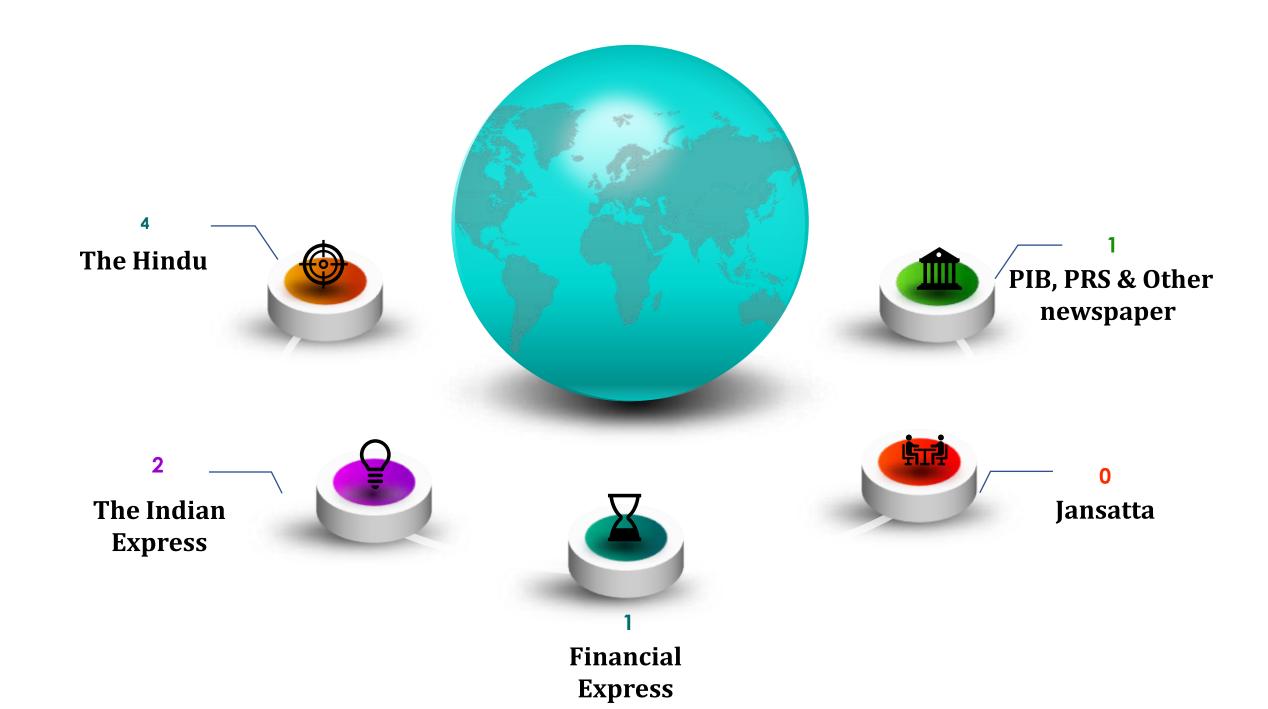
# Daily Current Affairs











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10 MCQ QUIZ

• "Only those reach their destination whose steps may get tired... but never stop."

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IIGH-PROFILE CARE Murugha seer acquitted in one POCSO case NEWS -- PAGE 3





Cabinet nod to scheme for rare earth magnets BURINESS > PAGE 13

Reconciliation in Kashmir Best way to redress issues is dialogue rooted in compassion



SPORT > PAGE 16

The CPI had moved court, aiming not only to

defer but also to quash the revision process

U.S. envoy 'to visit Moscow for talks on Ukraine war

onfirmed on Wednesday that ti.5. special errory Steve Withoff is set to visit Museum next week as efforts to find a consensus on ending the searly foor-year war between Russia and Okraine pick up spend a PAGE 14

India rejects Pak. remarks on flag raising at temple

A day after Pakisten's Foreign Office expressed "deep

concern" over the raising of a religious flag at the Barn note in Avostina, the External Affairs Minutry mected islampbad's remarks and said Pakistan should look into its own record of "legatry and "repression" is Page 4

798,000 crore data centre to be built in A.P.

VIJAYAWADA/NEW DELSII The Andhra Prodesh Government has anonunced the setting up of a 3. Organistic (WW) data sentire by Digital Connection, a joint venture of Research Industries, throuthers and Digital Rosely, in Visidhepament at an investment of 700,000 core

Kerala holds off on implementing new labour code

MODERNING THE Trade unions in Kerala have told the State government res to frame rules for the implementation of the four labour sindes multified by the Centre, blamaram Karsem.

## No hitch in Kerala SIR, 99% forms issued: EC

Class checks A booth Level Officer-collecting bill forms in Research Line Allerthal

EC says it is coordinating with the State's poll panel, and denies a human resources crunch

along with local polls will be 'near impossible'

ation forms), more than 50% have been digitised," said the EC, represented by senior advocate Rakesh Dwivedi, appearing before Obstacle course

he Election Com-mission (BC) ex-pressed confi-lence that it can conduct a Bench headed by Chief Justice of Indla Surya Kant. The SIR process began in Kerala on November 4 he special intensive revi-sion (StR) of poll rolls in and will go on till Decem-ber 4. The Kerala State Election Commission had terals in the midst of local oody elections, telling the Supreme Court on Wednexday that there is "no problem" whatsoever, and noting that enumeration forms have been distributdecided to conduct the lo-cal body elections on De-

cal body elections on De-cember 9 and II, The State government, in a petition filed through advocate C.K. Sasi, had said that the simultaneous TEC and the Necula State said that the simultaneous conduct of the SIR and the local body elections would be a "near impossibility". "SIR is a large exercise

'Will allocate EC staffs' On Wednesday, the EC de-nied the Karala govern-ment's version of a human requiring deployment of L/M,000 personnel from government and quasi-governmental services for election-related duties, and a further 68,000 police and other security perresources crunch, saying "different people have been allotted from Level

The Bendle State Blackton Codestioned for deviated to rendere polls to the Social off-grownspark multivities (500m) on Dec. 2 and 3.1 ments han \$,200 them

Kerala had moved the SC saying conduct of SIR

sonnel, StR is also a com-Officer duties from those elections".
The EC said a small nee-

The EC said a small section of people have been doing BLO duttes successfully, and if need be, the Rais Rection Commission would be allocated more from the EC's own staff.

The Communist Party of

ruling Left Democratic Front (LDF) in Kerala, had separately moved the top court, seeking not only the deferment of the SiR but also a justicial direction to quash the revision process, which had apread to 12

States and Union Territories after Bihar. Tamil Nadu argued that the BC had given "unrealie-tic timelines" to complete the SIR process in the State, noting that the foresented in court.

the enumerations were signed and submitted by ci-tizens, it would be pro-cessed on time by the EC machinery.

Sentior advocate Kapil Sibul leading the peri-tioner side, which includes political puriess, leaders, and State governments from Tamil Nadu, West Bengal, and Kerala said what was happening on the ground was very diffe-rent from what was pre-

State, noting that the fore-case of a eyelone could also hinder the exercise.

In the exercise of the exercise of the submitted that the EC had only dightsed 50% enaute complesed in the egold of the remaining forms to be complesed in the eight of policical parties to pload 3.5 connecestion pload

Mr. Dwivedi said politi-cal parties opposing the SIR were deliberately ham-pering the distribution of enumeration forms, Mr. Sibal countered, reading out

Advocates Prashant Bhushan and Neha Rathi submitted that BLOs were taking their own lives, un-able to cope with the wor-

Mr. Bhashan submitted that the process in Assam followed earlier revisions

the EC's own instruction, and said the revision should happen in a proper

in which there was no re-quirement for voters to submit enumeration forms or any documents.

#### Towering inferno

aid its work is not ham-pered, in any case, it is al-

Kriehmadas Balampeat

ed to 99% of voters in the



#### CJI says court will consider plea seeking to revive NJAC. end the Collegium system

#### The Hindu Buceau NEW DELMI

Chief Justice of India Surya Kant on Wednesday ondly said the court would con-sider a plea seeking to re-vive the National Judicial Appointments. Appointments Commis-sion and bring an end to the Collegium system of judicial appointments to the constitutional courts. The plea, which ar-

raigns the Chief Justice of Itulia and even the Su-preme Court Collegium as respondents along with the Union government and the Union government and a clutch of parties, submit-ted that the striking down of the NIAC by the court was a "great wrong be cause it meant substitution of the will of the people by the opinion of the four

judges".
The oral mentioning of the application was made

History revisited.

by advocate Mathews I. No.

ase in person.
The NIAC, which briefly

ment of pages to constitu-tional courts, was struck down by the court in 2015 as unconstitutional.

The pies urged the 2015 judgment to be residered, you and the court of the world at initio as it revived the Collegium system, which was a "synonym for nepotiem".

"Since the Collegium cume into existence, ap-pointments to higher judipublished to higher pall-ciary have been a 'riddle wrapped in a mystery, in side an enigma' to borrow an expression from Win-ston Charchill... The Parlia ment, which represents the will of the people, had enacted the 99th Constituthe NIAC Act. However, the enactments were "quaded and set aside" by dis court, reducing the Parliament to un inferior tribunal," it said.

## Faridabad man held for harbouring Delhi blast accused

The National Investigation Agency (NIA) has arrested a Paridabad resident for allegedly harbouring the "terrorist" Umar-un-Nabi, who was at the wheel of the car that exploded near the Red Fort here on November 10. The accused has been

The accused has been identified as Soyah of Phaqi in Parishibad, Haryana. This is the seventh arrest in the case so far.

The Patiala House Gourt in Delhi on Wednesday remanded Mr. Bryah to 10 days of NIA custedy.

"NIA investigations have

pursue leads in case, and has been

others outside the Red Fort in the national capital," the agency and. 'Various leads'

'Various loads'
'The agency continues to pursue various loads in connection with the suicide bombing, and has been conducting searches across States in coordination with the respective police forces in a bid to identify and track others. provided logistical support to the terrorist Umar be:

to the terrorist Umar be:

persons and injured many

involved in the gruesome attack," the NIA said. The NIA earlier arrested. two accused persons and took into castody four oth-ers who were previously arrested by the Jammu and Kashmir Police.

Custody extended
Among them were Amir
Rashid Ali, in whose name
was registered, and lasie H.
Lai Wani alias Danish, who
had allogedly provided
technical aid to the terrotechnical was a terrotechnical to the terrotechnical terro
terro

### of Amir Rashid Ali on Wednesday, Dr. Muzammil Shakeel Gunai of Pulwama in J&K; Dr. Adeel Ahmed Rather of Ananthag in J&R; Dr. Sha-

heen Saped of Linknow (Uttar Pradesh); and Mufti Irfan Ahmad Wagay of Sho-pian (J&K) were held by the J&K Police for allegedly being part of a "terror" module.

They had all played a They had all played a They had all played a The Police had seized about 2,900 hg of explosion and the Police had seized about 2,900 hg of explosion in this control that of the Old Farlance in Haryana's Farlade, had not have been on the public agriculture. We will be a the public agriculture.

## of national pride: Murmu

Constitution a document

President Droupadi Murmu on Wednesday de-scribed the Constitution as a document of national pride and a guiding text for taking the country forward with a nationalist mindset by abandoning the colonial

Meanwhile, in an open letter on the occasion, Prime Minister Narendra Modi urged all citizens to prioritise duties to the na-

# CJI says court will consider + plea seeking to revive NJAC, end the Collegium system

#### The Hindu Bureau

**NEW DELHI** 

Chief Justice of India Surya Kant on Wednesday orally said the court would consider a plea seeking to revive the National Judicial Appointments Commission and bring an end to the Collegium system of judicial appointments to the constitutional courts.

The plea, which arraigns the Chief Justice of India and even the Supreme Court Collegium as respondents along with the Union government and a clutch of parties, submitted that the striking down of the NJAC by the court was a "great wrong because it meant substitution of the will of the people by the opinion of the four judges".

The oral mentioning of the application was made

## History revisited

1993: Collegium system of judicial appointments came into existence by virtue of a Constitution Bench judgment

2014: The National Judicial Appointments Commission Act, 2014 and the Constitution (99th Amendment) Act, 2014 came into existence to substitute the Collegium system

2015: A Bench declared the 99th Constitutional Amendment Act and the NJAC Act unconstitutional, reviving the Collegium system



by advocate Mathews J. Nedumpara, who has sought permission to argue the case in-person.

The NJAC, which briefly gave the government an equal role along with the judiciary in the appointment of judges to constitutional courts, was struck down by the court in 2015 as unconstitutional.

The plea urged the 2015 judgment to be rendered void ab initio as it revived the Collegium system, which was a "synonym for nepotism and favouritism."

"Since the Collegium came into existence, appointments to higher judiciary have been a 'riddle wrapped in a mystery, inside an enigma' to borrow an expression from Winston Churchill... The Parliament, which represents the will of the people, had enacted the 99th Constitutional Amendment Act and the NJAC Act. However, the enactments were "quashed and set aside" by this court, reducing the Parliament to an inferior tribunal," it said.

## 1. What Happened?

## 1.1 Supreme Court Remarks

- Chief Justice of India Surya Kant said the Supreme Court would consider a plea that:
  - Seeks to revive the National Judicial Appointments Commission (NJAC)
  - And end the Collegium system of appointing judges to constitutional courts.

## 1.2 Plea Filed By

· Advocate Mathews J. Nedumpara, who wants to argue in person.

## 2. Arguments in the Plea

### 2.1 Plea's Main Claims

- The 2015 judgment striking down NJAC was a "great wrong".
- It replaced the will of the people (Parliament + States) with the "opinion of four judges."
- Collegium is a:
  - "Synonym for nepotism"
  - "Favouritism"
  - Opaque system ("riddle wrapped in mystery, inside an enigma")

## 2.2 Nature of Challenge

- Requests the Court to declare the 2015 judgment void ab initio.
- · Also challenges the Chief Justice of India & the Collegium as respondents.



- What Was NJAC?
- 3.1 Constitutional Basis
- Created through:
  - 99th Constitutional Amendment (2014)
  - National Judicial Appointments Commission Act (2014)
- 3.2 Composition
- CJI
- Two senior-most judges of SC
- Union Law Minister
- Two "eminent persons"
- 3.3 Purpose
- Replace the Collegium with a broad-based, transparent commission for judicial appointments.

- Why NJAC Was Struck Down?
- 4.1 2015 SC Judgment (4:1 majority)
- Held NJAC unconstitutional.
- Key grounds:
  - Violated Judicial Independence (part of Basic Structure).
  - Allowed excessive Executive interference.
- Justice Chelameswar dissented (favored NJAC).
- 4.2 Aftermath
- Collegium revived automatically.
- SC promised reforms → Memorandum of Procedure (MoP) still unresolved.



- Collegium System: Historical Context
- 5.1 Evolution Through Judgments
- First Judges Case (1981): Executive primacy.
- Second Judges Case (1993): Collegium created → judicial primacy.
- Third Judges Case (1998): Collegium expanded to 5 judges.
- 5.2 Criticisms
- Opaqueness
- No criteria for selection
- No accountability
- Perception of nepotism
- Delays in appointment
- 5.3 Strengths
- Shields judiciary from political capture.
- Ensures judicial independence.

## **Articles Involved**

- Article 124: Appointment of SC Judges
- Article 217: Appointment of HC Judges
- Article 368: Constitutional Amendment process
- Basic Structure Doctrine (Kesavananda Bharati, 1973)

## Why NJAC is a big debate?

- Judiciary fears executive capture.
- Parliament wants transparency + accountability.
- Public debate revolves around:
  - Separation of powers
  - Checks & balances
  - Judicial independence

## Can SC overturn a past judgment?

Yes, under review or curative petition or reconsideration by larger bench.

# • Consider the following statements about NJAC and the Collegium system:

- The NJAC was created through a Constitutional Amendment as well as a Parliamentary Act.
- The Supreme Court struck down the NJAC in 2015 for violating the Basic Structure doctrine.



- The Collegium system is explicitly mentioned in the Constitution under Articles 124 and 217.
- The NJAC gave the executive a greater role in judicial appointments compared to the Collegium.
- Which of the statements given above are correct?
- A. 1, 2 and 4 only
- B. 1 and 3 only
- C. 2, 3 and 4 only
- D. 1, 2, 3 and 4

#### **国内 日本日本日本日本**



#### Toll in fire accident at store in Hyderabad rises to two

The death toll from the Shalibanda fire rose to two after the shop owner Shiva Kumar Bansal, who maximed 80% hum injuries, died during reatment late on truesday raight, a major fire broke out of Menday night in an electronical above costs in reyele robad ingulfucialised, above costs in reyele robad ingulfucialised, and a make emergence y consumer from the grounding a maker emergence y consumer from the promoting a major emergency response from his and police officials that lasted for four hours. One person died at the spot, while eight were injured.

#### Remand prisoner found dead in Kerala jail; foul play alleged

A remand prisoner was found dead under A remaind prisoner was found dead under suspections circumstances at the Kasaragod Sub-sail in Kerala on Wednesday, following which list family alleged that he was murdered. A police investigation has been initiated into the incident. The deceased, identified as Mubashir of Deli, was repurtedly found unconscious and shifted to a hospital, where he deed during ireatment. He was arrested on November 8 by the Vidyanagar police in connection with a 2016 POCSO case.

#### Man booked after minor delivers baby at govt, hostel

A 19-year-old Class 10 student residing at the 2ri 5. Devaraj Urs Pre-Marite Cirts Hostel in Koppal, Karnataka, delivered a baby boy inside the hostel washroom early on Wednesday. The incident has prompted the police to register a case under the Protection of Children from Sexual Offences (POCSO) Act, 2012, against a 23 year old man. Six others, including hostel staff, teachers, and health workers, have been booked for alleged negligence and falture to protect the minor.

## Murugha Math seer cleared | BLO's death triggers in one of two POCSO cases

Two others were also acquitted in the case, registered in 2022, after two minors from an institution associated with the math accused Shivamurthy Murugha Sharana of sexual harassment, exploitation

The Hindu Bureau



filed a charge sheet in the pa Hadapad pronounced the judgment on Wednes-day acquitting the accuract. first case on October 27, 2022. The case had attracted

The case had attracted state-wide attention, lead-ing to multiple rounds of investigation, arises of the aren, and parallel allega-tions involving individuals connected to the mutti-administration.

connected to the mutra administration.

The Chitradura district administration had de-played police around the court on Wednesday after many devotrees gailnered on the premises. Later, the seer left for Devaugers.

Speaking to the medic would not recent to the would not recent to the

## Trade unions in Kerala urge govt. not to frame rules to implement labour codes The way of the code of

The Hindu Bureau

Trade unions in Kerala have unanimously told the State government not to frame rules for the imple-mentation of the Roar la-bour codes revently intil-fied by the Centre, Kiamaram Kareem, State general secretary of the Centre of Indian Trade Un-

Addressing the media. office by various trade unrealies, the strait was pre-pared in 2023. Labous Mi-latier. V. Sivanhurty subsequently called the trade unions for talks, we told him that is need not be implemented move, and that we will wait till the Central povernment union fies its rubes. The draft was thus kerit saide." he said.

emies on Wednesday, he said that options would be explored against imple-menting the new laws.

His comments com-summe the backdrop against the backdrop that the last the com-ted government had pre-pared a draft of the rules some time ago. The CPU leader claimed it was done by a section of officials in who had acted under pre-who had acted under prethus kept aside," he said.

He alleged that the codes were aimed at creating a "trade union-free atmosphere" which would make collective hargaining by workers for their rights who had acted under pres-sure from their Central sure from their Central counterparts. "The Union government asked all the States to frame rules. The a hard task. Addressing a press con-

ference on Wednesday, V.
Sivanisary clarified that
though the State had notified the straft rules for the
new Labour Codes and
sought verious opinions, it
tild not take any follow-up
action in the wake of objectile said that States were
under home presence to

under huge pressure to frame rules for the four Codes in 2020. Following this, the draft rules were prepared and notified, and prepared and notified, and opinions of various sections sought, since Kerala ple belonging to a particuwas not ready to imple her community are "com- contact Tele MANAS at ment them unifaterally." pletely false". It added that 14480 to seek help.)

## outrage in U.P.; told to axe OBC voters: kin

Uproar erupted in Uttar Pradesh on Wednesday, a Pradesh on Wednesday, a day after a Booth Level Of-facer (BLO) engaged in work related to the specia

electoral rolls was found clead.
Vipin Yadav, from Mala-ni Sarai Khas in Jaunpur district and posted as an assistant teacher at Jaipur Majha Primary School in Nawalgani, was nerving as a BLO in Khempur gram Frict, his family said.
Vipin's kin alleged that he was under estreme

he was under extreme work pressure and at-tempted to take his life on Tuesday morning. Fellow III.Ch rushed him to a priv-ate hospital in Consta and he was referred to a medi-

him and ordered the removal of names of OHS (OHS).

And the same of OHS (OHS) that was a large of OHS (OHS) that officers were presenting into another than the officers were presenting into another name of the other than the other officers were presenting in a video that went visit in a video that went visit.

The Gorada district administration issued a state ment denying the charges. It stated that everyone it stated that everyone

s executing tasks as per he rules and claims of in-



This is a direct appeal to the EC to give compensation of Cl crore to those losing their lives due to mental and physical distress during the SIR AKHILESH YADAY

probe the BLO's death.
"The Election Comm sion (KC) and the RIP go ruining the country. A young man who works hard to earn a job is killed hard to earn a job is killed under pressure to cut votes," said State Congress leader Anil Yarkov. Meanwhile, Samajwadi

direct appeal to the EC to grant compensation of \$1 crore to those losing their lives due to mental and the dependents of every

#### Karnataka HC | Multilingual campaigning slams 'hurried' removal of govt. pleader

#### The Hindu Bureau

The High Court of Rarnataka has restored appoint-ment of an advocate to the post of "additional district government pleader" by setting aside the State or-der withdrawing his ap-positment within 24 hours urlely for the reason that a Minister had ordered for

Minister had ordered for appointing another afve-cate based on the recom-mendation of an M.A. the professional and the appointing and the second of the professional and the distribution of the second of a congency or legal informity, had solely on account of a sudden change of mind, professional and the proposition of the highest incredition the similater.

'Arbitrary action'
"If such exprise is permit-ted judicial shelter, then the doctrine of pleasure executive whim, reducing the Constitutional sa guards to a rheturic/ t

court observed.
Justice M. Nagoprasamus passed the order while at lowing a petition filed by Sunti from Athani in Bela-

gard district, who was re-gard district, who was re-restricted from the post of "additional district govern-rabilitional district govern-tional best-rict and feasisms. Cours, Heslagard. We ex-tensived from the 2st and removed from the 2st and removed from the post the very nest day based on a nose part up the Shinson man Highin, who issued in arraction to appoint one post based on the recom-post based on the recom-post based on the recom-generation. The petitioner was appointed in Circles 28 and pointed and i



#### Kerala mulling review plea on SC ruling on setting up primary schools: Minister

#### The Hindu Bureau

Kerala is considering filing a review petition in the su-perme Court in connection with the latter's directives to the State government on establishing primary whools in areas where none function, Minister for General Education V. Si-

Addressing a press con-ference here on Wednes-day, the Minister said the povernment respected the top court's ruling in the case related to a petition seeking the setting up of a actual of Elembra in Man-per municipality in Malap-puran district and was ex-amining the practical aspects of the judgment.



V. Sivarskutty

though a copy of the order He pointed out that Kerala was much shead of northern States when it northern States when it came to educational facili-ties. Government and aid-est schools functioned within a 12 ion radius in majority of the populated areas. School dropout rates were almost zero and when it comes in licenses.

rutes, the national average is much lower than that in forals. This showed that no enderst was donled obication just because of lack of schools. The matter of the school at litambra would be spe-ically considered since the local body had informed that fee load and building

that free land and building would be made available for it. The government, the ter said, was commit cally and in a practical

The State's policy was to

#### Madanapalle district proposal has political and bureaucratic circles in Rayalaseema talking

Andhra Pradesh Chief Mi-nister N. Chandrababu Nai-du's green signal to create Madanapalle district,

the new district, it is ob-served among a cross sec-tion of the public and polit-ical circles that the move could directly crush senior VSRCP leader Peddireddi

nectivity, and agro-pro-cessing facilities. Madana-pathe's handloom and silk-weaving industries are also expected to receive a the new district, it is obalso expected to receive a fresh lease of life once the district status comes into force.

However, there is also

However, there is also scepticism that, since the state's earlier district-for-mation exercise was marted by hasty execution, poor office infrastruc-ture, and delayed staff de-ployment, as per a TDF leader, Madanapalle could become another "district

#### 3.5 billion-year-old crater on Mars to be christened after geologist M.S. Krishnan

#### Tild Baiwi

A.3.8 billion-year-old crater n Mare will benceforth be on Mare will henceforth be known after M.S. Krish-tan, the picocering Indian stologist. The International Astronomical Union

al Astronomical Union (AA1) has approved it and several other names for the control of the contr



(valley). Which means, the Indian institute of space Zeiense and Technology (1871) here and who molegy (1871) here and who was jointly summitted by Maf [alpla Rakkaastery, formerly research scholar at Majeh V, of the Department of Earth and Space

Been in Thanjavur in what was then Madras Presidency in 1808, In. Krish se director of the Geologi cal society of India. As for the other names, it is the first time that place names from Kerala are being

from Korala are being adopted for Mariam fea-tures, the team said.
"The plain inside Krish-nan Crater has been offi-cially named Krishman Pa-los, and a channel cutting across it has been named. Pertyer Vallis." Dr. Rajesh

and. The findings have been published in the journal Meteorities & Planetary

# 3.5 billion-year-old crater on Mars to be christened after geologist M.S. Krishnan

## Tiki Rajwi

**THIRUVANANTHAPURAM** 

A 3.5 billion-year-old crater on Mars will henceforth be known after M.S. Krishnan, the pioneering Indian geologist. The International Astronomical Union (IAU) has approved it and several other names for Martian landforms proposed by two Kerala-based researchers.

Apart from 'Krishnan,' the IAU has also accepted several Kerala-based names for smaller landforms associated with the crater. These are 'Valiamala,' 'Thumba,' 'Bekal,' 'Varkala' and 'Periyar' for smaller craters and a vallis



Smaller craters and vallis in Mars are set to get names — 'Valiamala,' 'Thumba,' 'Bekal,' 'Varkala' and 'Periyar'. SPECIAL ARRANGEMENT

(valley). Which means, these places in Kerala now have counterparts on Mars.

The naming proposal was jointly submitted by Asif Iqbal Kakkassery, formerly research scholar at the Indian Institute of Space Science and Technology (IIST) here and who is now Assistant Professor in Geology at Government College, Kasaragod, and Rajesh V.J. of the Department of Earth and Space Sciences, IIST.

Born in Thanjavur in what was then Madras Presidency in 1898, Dr. Krishnan was the first Indian to be director of the Geological Society of India. As for the other names, it is the first time that place names from Kerala are being adopted for Martian features, the team said.

"The plain inside Krishnan Crater has been officially named Krishnan Palus, and a channel cutting across it has been named Periyar Vallis," Dr. Rajesh said.

The findings have been published in the journal *Meteoritics & Planetary Science*.

## 1.1 International Astronomical Union (IAU) Approval

- A 3.5-billion-year-old Martian crater has been officially named "Krishnan Crater".
- Named after M.S. Krishnan, pioneering Indian geologist and former Director of the Geological Survey of India (GSI).

## 1.2 First-of-its-kind recognition

Marks first time place names from Kerala have been adopted for Martian features.

## 2. Who Was M.S. Krishnan?

## 2.1 Biography

- Born: 1898, Thanjavur, Madras Presidency.
- First Indian Director of the Geological Survey of India.
- Renowned for work in:
  - Indian geology
  - Precambrian studies
  - · Structural geology

## 2.2 Legacy

Crater named to honour his contributions to Earth and planetary sciences.



- . Kerala-Based Names Approved for Mars
- IAU also approved **several Kerala placenames** for smaller landforms associated with the crater.
- 3.1 Names of Smaller Craters
- Valiamala
- Thumba
- Bekal
- Varkala
- 3.2 Name of the Valley (Vallis)
- Periyar Vallis
- 3.3 Internal Plain
- Named **Krishnan Palus** (palus = marshy plain).

- IAU Naming Rules
- 5.1 IAU (International Astronomical Union)
- Sole authority for naming celestial bodies & planetary features.
- 5.2 Criteria for Martian Features

- Craters <60 km → named after villages/towns on Earth (<100,000 population).
- Large craters → named after **deceased scientists**, **authors**, **explorers** who contributed to planetary science.
- Valles → named after river systems.
- *♦ Hence*:
- Krishnan Crater (large) → after a scientist.
- Periyar Vallis → after a river.
- Thumba/Valiamala → small craters → named after small Earth places.

## **India's Growing Presence in Planetary Science**

First time multiple Indian place-names appear on Mars.

## Boosts India's standing in:

- Planetary research
- Astrobiology
- Geological mapping of Mars
- Space diplomacy

## **6.2 Strengthens Kerela's Contribution to Space Science**

## Valiamala & Thumba are critical locations for ISRO

- Vikram Sarabhai Space Centre (VSSC)
- Thumba Equatorial Rocket Launching Station (TERLS)

- Consider the following statements regarding the naming of Martian landforms after M.S. Krishnan:
- The crater named after M.S. Krishnan is one of the largest Martian craters and is about 3.5 billion years old.
- The International Astronomical Union (IAU) approved several Kerala-based names such as Thumba and Bekal for smaller Martian craters.
- According to IAU rules, small Martian craters can be named after towns or villages on Earth with a population under one lakh.
- Periyar Vallis refers to a river-like valley cutting across the Krishnan Crater.
- Which of the statements given above are correct?
- A. 1, 2 and 3 only
- B. 2 and 4 only
- C. 1, 2, 3 and 4
- D. 1 and 3 only

## The INO that wasn't and the JUNO that is

hins has finished building its fisagener Underground Neutrino Observatory (IUNO), a biliterweet development given that the India-based Neutrino Observatory (INCO has been in limbo for years. Both JUNO and INO were designed to study subatomic particles called neutrinos, which are very hard to eatch because they rarely interact with matter. This is why both ING and JUNG are huge; the more matter there is, the more interactions there will be between neutrinos and matter, and thus more opportunities for study

#### Progress on IUNO

However, this size was perhaps the original trigger of the INO's downfall, so to speak, in India. Become the INO detector was so ecouse the INO detector was so assive (weighing 50 kilotonnes) could not be operated from side a lab nor could scientists use its day. incide a lab ner could scientists situate its detector in an existing facility. Instead, the INO collaboration had planned to install the detector traide a mountain in Thesi in Tamil Nadu, to serve as a natural shield for the detector, obviating the need for a separate structure, which would

have been expensive. However, the scale of the construction activity in the area and the involvement of the Department of Atomic Energy, which was helping fund the project, spooked the locals and purred local leaders to draw olitical mileage from that. The (NO collaboration also erred (in bindsight) by not following procedure and by not estimate how controversial the project could become, which, if it had

could become, which, if it had thene, would have helped it respond to and manage certain public sentiments better under the sent of the sent of the were painful as China moved in large to reading 1/80. The 'pain' was because the INO collaboration was because the INO collaboration was personally in several ministed pool of grants and investments from foreign governments to



india had the

mystery, but now China has surged ahead

lapan's rure earths – key compo-nents for cars and electronics. The power of this monopoly was de-monstrated recently when China

monstrated recently when China used its rare earth dominance to successfully pressure the U.S. into consists on to visit lapan, stopped approvals of new Japanese fermal mentioned Japanese school.

Japan might intervene in a Talwan Strait confict underscores the importance of this martitude over the importance of this martitude route to total roley. China is illustrated the total roley.

trade volume by country passing through the Strait in 2022 (enclud-ing Chiras) Japan sends out signif-icantly, with over 8440 billion in trade relying on this waterway. Much of the trade borwson the

two neighbours would be disrupted if tensions in the Strait rise. Tai-wan is a vital trading partner for Ja-

pan, particularly for critical technology. In 2028 (iii) Septem

ber), Japan sourced 60% of its inte-grated circuits and over 50% of its

semiconductors from Taiwar along with significant volumes o electrical machinery (Chart 4)

scheresytthat to the previous decade to help erack an

Vasudeyan Mukunth

operate the detector. China expected to complete JUNO by 3000 fm that turned out to be five years too soon. If it had said it was not soon to be soon to b

While the ISC remains stalled, JUNO has released its first analyses. The team upleadeds two preprint papers on Newember IS. One reported the "initial performance results of the JUNO detector". Its author list reveals the sort of international ollaboration India was hoping or, with researchers from Russi for, with researchers from Bussia, the U.S., the U.K., Chile, Armenia

the U.S., Chile, Armenta, helgiam, Brisol, Taiwan, Fisianel, France, Germiny, Haly, Falketan, France, Germiny, Haly, Falketan, Thalland participating. It is not clear why there are no researches from India, Journalise similar issue in the space science ophrers: researchest from India were conspicuous by their applications to access the rocks applications to access the rocks China had brought back from the moon on its Chang's 8 mission in 2020, fodis has a long history is searring physics and analysing hanar samples, and boasts of man excellent scholars in these fields.

The second preprint paper reported the object of INO's study. Even though neutrinos are so clusive, physicists have discovered that they come in three types, or flavours, and that they can oscillate between these as they

oscillate between these as they travel through space. Figuring out few the three neutrino masses are ordered is an important open question—and it is related to neutrino oscillations. which are in turn described by which are in turn described by three figures called 0-12 ("theta one two"), 0-13, and 0-23. Previous experiments have pinned down 0-13, and JUNO and INO were 6.11, and JUNO and INO were conceived to use this prior knowledge to determine the neutrino mass ordering. In the second paper, the JUNO collaboration reported that it had measured 0-12 very precisely, in a

previous findings.
On the back of this, buttuite o High Energy Physics scientist and JUNG project manager and spokesperson Yilang Wang had said, "With this level of securacy, IUNO will soon determine the neutrino mass ordering, test the three flavour oscillation framework, and search for new physics beyond it."

#### Misting bar

While we can debate the way the INO collaboration (at times), bureaucrus, political leaders, and bureaucrate, political leaders, and some activitiz conclucted themselves during the sage, one mass acknowledge that in this domain, unseing the base on see occasion does not mean you can catch the next one; it means the next one has to be something India had the wherewithal in the previous decade is help cinck an important scientific mystery. But if JUNO helps surmount this challenge, India may not have the mources to take a shot at the nex big mystery because it will be more specialised and need more sophisticated technologies. Then sgain, only a fool would bet ugainst the ingenuity and esourcefulness of young scientist

come up with a way.
What grates more is the spectre comeringes all top real, acomerines a begoyman that administrators invoke to not fund research or, crucially, the skills and materials required to manage its consequences for local commandies. Still, there is no communities. Still, there is no room for the notion that India is not rously for a Hig Science project, such the large grosmothous the protected areas of conservation constitute Big Science, and India has many. Portage the bigger attempt such a project solely by whether accounts alone are roady we should also check whether the conditions beyond science and on the ground are ready as well.

#### Appointments that led to annoyance

The selection of District Congress Committee presidents exposes old tensions

STATE OF PLAY B. Baytkanth Reddy Telangana

Sention leaders argue that while the party may have in-imided a symbolic ascial engineering move by elevating leaters from vuferus castes with little political experience, are is should not have come at the expense of experience, internal harmony, and electoral

politically sensitive districts.

Broadly, the list of new DCG
presidents has raised eye-brows because several of the appointers are neither whole known nor influential in their trategy. Benior party members have also questioned the disregard for organisational guidelines set earlier by the Congress high command. According to the norms, MLAs were not to respective districts. The lea-dership has claimed that the be given DCC roles, former DCC presidents were not to be selections were aimed at strengthening Backward DCG presidents were not to be renominated, and leaders holding higher organisational responsibilities were to be as-challed from those points being the property of the been ignored in several cases, in addition, the appointment of those who already serve as PCC vice presidents or general ascetations has annoyed lead-Classes representation and en-suring a gender balance.

A major flashpoint arous with the appointment of Kai-lash Netha as DCC president of Nalgonda, Congress Minister Komatireddy Venkuta Reddy gave a written complaint to Chief Minister Revanth Reddy 

mar Gond were bypassed. Se-nior leaders feel that local pol-itical dynamics were mo-adequately considered. Given the fragile organizational baance in many districts, decitions perceived as externally imposed may create more

Concerns extend to urban constituencies as well. For instance, Reepak John has been appointed for Recunderabad district and Mothe Rohit for Khairatabad district ahead of Congress figures, reacted strongly to the choice. Similar ego and seniority issues are seen in other districts as well. Some appaintments have angiered the sitting M.A.a who lest that those working against them were made DCL presidents. the GHMC elections. While Mr. Bobit is young and ener-getic, Mr. John is already chairgetti, Mr. John is already chair-rium of a corporation. Ques-tions are being rateed about whether they can effectively land the party in a city when suntor leaders, established networks, and community-specific dynamics play a criti-cal role. The worsy is that in-superiordeed leaders may errugale to marange competition facilities to but momentum

among urban voters.

More broadly, these appointments highlight a recurring dilemma in Congress pol-like: the tension between promoting new faces and re While the party's attempt at social engineering is politically necessary, its execution seems to have disregarded ground realities in key districts.

At a time when the Congress government in Telanga-na is preparing for a series of electoral battles, internal coin addition, the appointment of those with of aready series as PCC vice presidents or general association has annoyed been at rength are enacted to a second and the appointments have only widen internal inequality and demostrate appointments have to a second and the appointments have to a second and the appointments have to a second and the appointments have been the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the process of the DCC presidents will depend to the DCC presiden

#### Trade, defence tensions surge in Japan-China clash over Taiwan

The kerfuffle over Sanae Takaichi's remarks arrives just as Japan faces significant domestic headwinds

#### DATA POINT

#### Sambayi Parthasarathy Vignesh Badhakrishnan

apanese Prime Minister Si-riae Takachi sparked a con-treversy when she said that nese assist on Taiwan could semed a "auryival-threatening ton" — a logal justification al-sg Tokyo to exercise collective attuation" — a legal justification al-lowing Tukye to exercise collective self-defence. China claims sove-reignty over Talwan, a position Taipse firmly especia. Ms. Takaich's refusal to retract the statement caused bilateral lies to unravel at an alarming speed. The dispute has become the re-

gion's biggest crisis in recent years, characterised by Chinese military sortles, economic coercion against scafood imports, and a blanket freeze on cultural ex-change, blaving failed to force a re-traction, Beijing has escalated the issue to the United Nations, fram-ing Japan's stance as a threat to the

Japan's post-war Constitution furbids it from using force as a means of settling international dispastes but a 2015 law, cassed when Me Takaichi's mentor, Shinzo Abe, was Prime Minister, permits it to exercise collective self-de-

Abe, was Prime Minister, permits to exercise collectives well-defined to the control collective well-defined to the collective will be the collective of the

CM attention

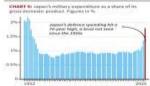
#### pan's imports and exports each, between 2018 and 2024 (Chart 2). Souring relations Bloomberg notes that Japanese manufacturers rely heavily on Chinese critical materials. Reuters re-ports that China provides 60% of

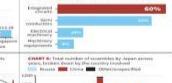
The date for the charts were secured from the World Boret, the Contro for Strategic and International fracility. Unicontracting all the Contro for Strategic and International fracility of Japan 2015, and 4-3mt is postal as for Japaneses Greenmines Mathematics.

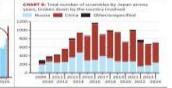












#### FROM THE ARCHIVES The Mindu

FIFTY YEARS AGO NOVEMBER 27, 1978

#### World Bank expert calls for expansion of coal and power

New Delhi, Nov. 20: A study of India's energy problem by a World Bank economist calls for atrengthening the competitive position of substitute fisch, particularly coal and electricity, besides expansion of oil exploration "as far as practicable." practicable".
The study by Mr. P.D. Henderson says it will

The study by Mr. P.D. Henderson says it will not be strictly correct to say that India is a victim of the "energy crisis" although the increases in the petraleum impact tall has been "damaging," India's economic prospect.

A sulctantial part of india's consumption of energy still comes from non-commercial sources such as freewood, vigotable waste, and cow.

petroleum products is supplied from imports, chiefly of crude oil. These imports probably account for 20 to 25 per cent of total consumption of commercial energy and perhaps to per cent of total energy uses.

10 per cent of total emerge uses, Institu has large and easily accomble coal steposits and there has been a substantial rise in production in 1974-7% after a long period of stagnation, Securidly, a number of thermal stagnation, seconsity, a number of thermat sewer stations have been showing better results, comity, the results of the third well in the encouraging, beapter these welcome, improvements, the energy situation remains difficult, Mr, Henderson notes.

The need to improve the performance of the energy industries is fully recognised in India and this has been reflected in a variety of policies

A HUNDRED YEARS AGO NOVEMBER 27, 1925

#### Chinese civil war

Pelding, Nov. 26: General Kub Sung-Ling's arrenage to sake building and consider Chang-Tro-Lin has been described but he has laken prisoners several of Chang-Tro-Lin's most reliable Conerals. He now commands a hundred thousand men compared with Chang-Tro-Lin's fifty thousand.

#### DATA POINT

#### Sambavi Parthasarathy Vignesh Radhakrishnan

apanese Prime Minister Sanae Takaichi sparked a controversy when she said that a Chinese assault on Taiwan could be deemed a "survival-threatening situation" – a legal justification allowing Tokyo to exercise collective self-defence. China claims sovereignty over Taiwan, a position Taipei firmly rejects.

Ms. Takaichi's refusal to retract the statement caused bilateral ties to unravel at an alarming speed. The dispute has become the region's biggest crisis in recent years, characterised by Chinese military sorties, economic coercion against seafood imports, and a blanket freeze on cultural exchange. Having failed to force a retraction, Beijing has escalated the issue to the United Nations, framing Japan's stance as a threat to the post-war international order.

Japan's post-war Constitution forbids it from using force as a means of settling international disputes but a 2015 law, passed when Ms. Takaichi's mentor, Shinzo Abe, was Prime Minister, permits it to exercise collective self-defence in certain situations, even if it is not directly under attack.

The brouhaha over Ms. Takaichi's remarks comes just as Japan
faces significant domestic headwinds. The world's fourth-largest
economy is facing a slow economic growth (Chart I) and persistent
inflation. The Prime Minister is attempting to solve these issues with
new stimulus measures. Further
compounding these challenges is a
long-term fertility crisis, with the
country's population growth turning negative since 2011.

Against this backdrop, a prolonged rift with China could be problematic, given that Beijing is Japan's largest trading partner. China accounted for 20% of Ja-

pan's imports and exports each, between 2018 and 2024 (Chart 2). Bloomberg notes that Japanese manufacturers rely heavily on Chinese critical materials. Reuters reports that China provides 60% of Japan's rare earths - key components for cars and electronics. The power of this monopoly was demonstrated recently when China used its rare earth dominance to successfully pressure the U.S. into lowering tariffs, China has told tourists not to visit Japan, stopped approvals of new Japanese firms, and restricted Japanese seafood.

Ms. Takaichi's suggestion that Japan might intervene in a Taiwan Strait conflict underscores the importance of this maritime route to Tokyo. Chart 3 illustrates the total trade volume by country passing through the Strait in 2022 (excluding China). Japan stands out significantly, with over \$440 billion in trade relying on this waterway.

Much of the trade between the two neighbours would be disrupted if tensions in the Strait rise. Taiwan is a vital trading partner for Japan, particularly for critical technology. In 2025 (till September), Japan sourced 60% of its integrated circuits and over 50% of its semiconductors from Taiwan, along with significant volumes of electrical machinery (Chart 4).

Tensions are also mounting over the military implications of Ms. Takaichi's remarks. In 2025, Japan's defence spending hit a 70-year high of 1.8% of GDP, a level not seen since the 1950s (Chart 5). On Wednesday, Taiwanese President Lai Ching-te said that his government is going to propose \$40 billion in additional defence spending in the coming years.

In 2024, Japan's forces 'scrambled' over 700 times in response to Chinese and Russian aircraft violations (Chart 6). A 'scramble' refers to the emergency dispatch of aircraft by the country's Air Self-Defence Force when an unidentified aircraft is suspected of violating Japanese airspace.

## 1. What Triggered the Crisis?

## 1.1 PM Sanae Takaichi's Controversial Statement

- She stated a Chinese assault on Taiwan could constitute a "survival-threatening situation."
- Under Japan's 2015 Security Law, this classification allows collective self-defence, even if Japan is not directly attacked.
- China claims Taiwan as its territory; Taipei rejects this.

## 1.2 Japan Refuses to Retract the Statement

- Led to rapid deterioration of Japan-China ties.
- China escalated diplomatically & economically, raising the issue at the United Nations.

## 2. Why Is This Serious for the Region?

## 2.1 Post-War Japanese Constitution

- Article 9 forbids use of force.
- But 2015 law (Shinzo Abe era) expanded scope:
  - Japan may use force for collective self-defence to protect close allies or partners.

## 3. China's Counter-Measures

## 3.1 Coercive Economic Tools

- Blanket freeze on cultural exchanges.
- Harsh restrictions on Japanese seafood imports.
- Tourists discouraged from visiting Japan.
- Pressure on approvals for Japanese firms in China.

## 3.2 China's Leverage Over Japan

- China = Japan's largest trading partner.
- 20% of Japan's imports & exports tied to China (2018–24).
- China supplies 60% of Japan's rare earths, critical for:
  - Cars
  - Electronics
  - Batteries
  - Electric vehicles
- China recently used rare-earth dominance to coerce the U.S. → shows its power.

## 4. Why the Taiwan Strait Matters for Japan?

## 4.1 A Vital Maritime Artery

- In 2022, \$440+ billion of Japan's trade passed through the Taiwan Strait (excluding China).
- Makes Japan extremely vulnerable to a conflict or blockade.

## 4.2 Taiwan Is Crucial for Japan's Technology Sector

- In 2025 (till Sept), Japan sourced:
  - 60% of integrated circuits
  - >50% of semiconductors
  - Large volumes of electrical machinery
    - from Taiwan (Chart 4).

## 5. Domestic Challenges in Japan

## 5.1 Economic Problems

- Slow/negative growth (Chart 1).
- Persistent inflation.
- Low stimulus impact.

## 5.2 Demographic Crisis

Fertility collapse → population declining since 2011.

## 5.3 Trade Dependence Risk

- Prolonged conflict with China is dangerous due to:
  - High trade dependence
  - Reliance on Chinese rare earths
  - Weak export outlook

## Japan's Security Shift (GS-2)

- Moving from "Pacifist Constitution" → "Proactive Pacifism."
- · Strengthening:
  - QUAD
  - US alliance
  - Indo-Pacific security frameworks

## **China's Economic Coercion Tools**

- Rare earths dominance
- Tourism bans
- Import restrictions
- Pressure via approvals for foreign firms
- · Cultural freeze (soft coercion)

## **Taiwan Strait's Geopolitical Importance**

- 40% of world trade
- 70% of global semiconductors produced in Taiwan
- Strategic chokepoint between Indo-Pacific and East Asia

## Q. Consider the following statements regarding the recent Japan-China dispute:

- Japan's 2015 security legislation allows it to engage in collective self-defence even if Japan itself is not directly attacked.
- 2. Over 60% of Japan's rare-earth imports, essential for electronics, come from China.
- 3. More than \$400 billion of Japan's trade passes through the Taiwan Strait annually.
- 4. Japan's defence spending in 2025 remained below 1% of its GDP due to constitutional restrictions.

## Which of the statements given above are correct?

- A. 1, 2 and 3 only
- B. 1 and 4 only
- C. 2, 3 and 4 only
- D. 1, 2, 3 and 4

## Souring relations

The data for the charts were sourced from the World Bank, the Centre for Strategic and International Studies (CSIS), UNCOMTRADE, SIPRI, Defense of Japan 2025, and e-Stat: a portal site for Japanese Government Statistics.



CHART 1: Japan's annual GDP growth (in %)

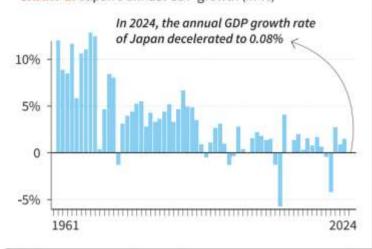


CHART 2: Japan's major import and export markets in the 2018-2024 period. (Figures are % of total export/import)

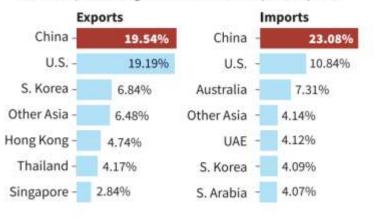
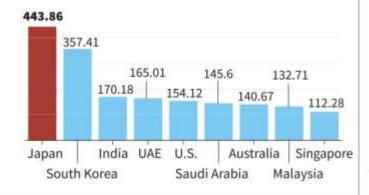
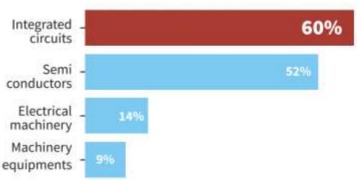


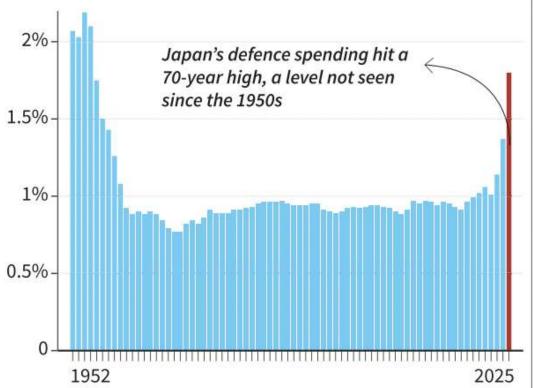
CHART 3: Value of trade transited via the Taiwan Strait in 2022 for select countries. (Figures in \$ billions)



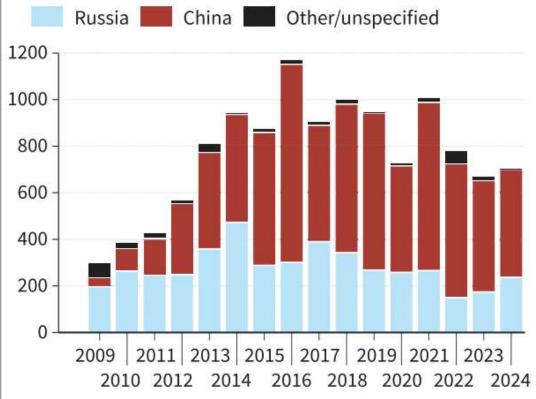
**CHART 4:** Taiwan's share in Japan's imports till September this year. Only top imports from Taiwan were considered.



**CHART 5:** Japan's military expenditure as a share of its gross domestic product. Figures in %



**CHART 6:** Total number of scrambles by Japan across years, broken down by the country involved



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### M&M sells ₹8,000 cr.

100 AT 10

electric vehicle (EV) sales worth over #8,000 crore in HI FY36, making it the number one player in India in terms of half year reve-nue generated from elec-tric vehicle sales.

## Cabinet approves ₹7,280 cr. scheme for rare earth magnets

The first-of-its-kind initiative aims to establish 6,000 MTPA of integrated rare earth permanent magnet manufacturing in India, govt. says

#### The Hindu Bureau

n yet another pash to secure india's supplies of rare earth magnets. the Union Cabinet on Wed-nesslay approved a new "first of its kind" scheme,

"first of-lik-kind" ackems, with a financial outlay of 17,280 cores, to manufac-hagness (REPM) in India. The approval of this scheme, named the scheme, named the facturing of sintered Bare Earth Pernament Mag-nuts', comes two days after Cayed appecially moved that one of the areas in which india and Canada's have "tremendous potential" to cooperate on was in

This was in the context of the two countries res-tarting talks on a Compre-bensive Economic Partner

homstve Economic Parties ship Agreement. This first of the Scient in This first of the scient in This first of the scient in 1,000 mixtre tunnes per amuni (MTPA) of integrat-ed Rare Karth Permanent turing in India, thereby es-tuncing in Gell-reliance and positioning India as a key hancing self-reliance and positioning India as a ley market, the government said in a rebease. REPMs are vital compo-

nents that have applica-tions in EVs, renewable energy, electronics, serve-

high-density At ready rachs.

youth alike paving the way

government said. The MoU marks the lat-

est big ticket investment in the data centre and elec-tronics manufacturing

reorder manufacturing space - two major focus points for the Union government - that has come in States with National De-mocratic Alliance (NIA) governments. Visakhapat-num will also host Google's Al Hub, a data centre re-presenting the tech glant's largest investment in India, of 467.520 crose. Optoor

of \$67,520 crore. Opposi-tion leaders have accused the Centre of redirecting investments originally planued for States go-verted by non-NDA go-vertunients.



pace, and defence sectors.
According to the government, the scheme will support the creation of integrated REPM
manufacturing facilities.

involving the conversion of rare earth oxides to me-tals, metals to alloys, and alloys to finished BEPMs.

alloys to finished 800946.

The total financial outlay of the scheme of 77,280

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Stale flux of the scheme is 10 to seven years

clusting a 2,900 great and

clusting a 2-year gestation period for setting up an in-tegrated REPM manufac-

turning facility, and 5 years for incentive dishursement on the sale of REPM.

The auto inclustry, in particular, has welcomed the decision, saying it is a special step towards soir reliance.

"This initiative is a sig-sificant step toward build-ing a resilient and stuble supply Chalin, particularly

for components and sub-assembles essential for the production of electrified vehicles," Shallesh Chan-

vehicles," Shallesh Chan-dra, President of the Socie-ty of Indian Automobile Manufactures (SIAM) said, "This ministice will not only reduce import depen-dence but also provide long-term resilience to the automotive supply chain, encourage investments in advanced materials, and arteariest insertials, and territories and a second properties of the second properties and the second properties are second properties are second properties are second properties and the second properties are second

#### PM Modi opens Safran's MRO for LEAP engines in Hyderabad

#### N. Havi Kumar

Modi on Wednesday vir-tually inaugurated the largest maintenance, repair and overhaul (MRO) faciliy, France's Safran has es-ablished globally for LEAP engines in flydersbad. Mr. Medi urged the firm to ex-plore possibilities of airplore possibilities of air-craft engine and compo-nent design in India. A LIAP engine is a modern, fuel-efficient engine that powers several narrow-bo-dy aircraft. Stating that the country

ting that the country is keen on promoting 'De-sign in India' on a targe scale across every sector, the Prime Minister and indu's vast Micro, Small and Medium Enterprise (MSMI) network and in young talent pool will pro-vide significant support for such efforts. Safran Aerospace,

Safran Aeroxpace, which works extensively in serospace propulation sys-tems, should also leverage ferms, should also teverage india's aleut and oppur-tamities for propulation de-sign and manufacturing, and through video conferenc-ing in the function, which was actended by Telarqui-na's Chief Minister A. Re-vanth Reddy, Union Minis-er K. Barn Moham Noulds,



Prime Minister tearendra Modi speaks during the virtual inauguration of the facility.

dertakett aines indepen-dence to attract global investment und industries, Mr. Modt aud.

"Today in most sectors, 100% foreign direct invest-ment is possible through automatic routes. Even in nectors blue defenne, where earlier the private sector bad no space, 74% FDI has now been opened through automatic routes. (Likeauromatic routes. (Like-wise) A major approach has also been adopted in the space sector," Mr. Modi-suld, adding such steps have cent a clear message to the world that India well comes investments and is novation.

The government's pre-duction linked incentive (PLD schemes have attract-ed global manufacturers towards 'Make in India', he added. With the opening of the

45,000 sq.m Safran facili-ty, ant up with an initial in-vestment \$1,300 crore, at the GMR Aerospace and industrial Park in Hydera-bad, India's aviation sector

#### **图《日本日本日日**》



#### Nifty jumps 1.24%, its fastest pace since June this year

Renchmark NSE Nifty 80 jumped 1.24% to 26,205.30 points on Wednesday, recording the highest single day increase since June 2025. While the RSR Sensex increased 1.21% to 85,609,51 points. "The rully was driven by growing confidence in potential rate cars from both U.S. Federal Reserve and the RBI in its opcoming MPC meeting," said Siddharths Khemia, Head of Research, Wealth Management at Motifal Oswał Pinancial Services Ltd.

#### Bajaj Auto enters e-rickshaw segment with two variants

Batal Auto on Wednesday approximated to entry Bajaj Auto on Wednesday amounted its entry into the evickshaw category with the unveiling of Bajaj Bikl. The company is introducing two models risk 19600s passespar variant, prised at rockels risk 19600s passespar variant, prised at earlier of the result of the results of

#### Tesla Centre at Gurugram to open on Thursday

Teala announced its first Tesla Center in Gurupram will open on Thursday. The outlet will provide services auch as retail, after-sales, delivery and charging at one iscation. Since its market launch in July, Tesla Initial has est up-lexperience Centers in Mumbai and Delhi, and three charging sites in these locations. With the upcoming commissioning at One Horizon in Gurugram zoon, Tesla will operate four charging stations across India, equipped with 16 superchargers and 10 destination chargers.

#### Reliance JV to set up 1 GW data centre in Visakhapatnam at ₹98,000 crore

V. Raghavendra. Aruun Deen VIIAYAWADA, NEW DIELITI

The Andhra Pradesh Go-The Anditra Pradesh to-ternment has ammunical the setting up of a I Giga-watt (GW) data centre by Digital Connexion, a Joint venture of Rehance Indus-tries, Brookhold and Digi-al Realey, in Vandhapat and Realey, in Vandhapat 194, Out I for the project has been signed with the AF Recommic Develop-AP Economic Develop-ment Board (APEDR) on Wednesday, according to

an official release.

The proposed complex would be built to global standards and feature high-density Al-ready racks, dedicated power substations, redundant substations, redundant power feeds, and robust connectivity to support hyper-calers, onterprise clients, cloud services, and future Al workloads.

for the project's seamless execution, which includes facilitating the allocation of 400 acres of land, expediting regulatory and environ-mental clearances, ensur-ing uninterrupted power

ing uninterrupted power importance of the segment is expected in state go verned by non-NDA go verned to mon-NDA g

CM ATTORNEY





neuroday' shoupsing: Castomers use finalitights of their insultits phonos withis visiting a Mangor clothing shorp during Black Finday outes, as yet it sail off, in Ryly, on Warmendey, amid the Rassouri revision of Obratin. Are

#### IRDAI concerned over rising customer complaints: Chairman

#### N. Ravi Emmar

Expressing concern over rising customer complaints, the insurance Reg-ulatory and Development Authority of India (IRDAI)

thating and freedingment thating and freedingment thating and the companies to significantly improve the quality and directly improved the companies to adopt a more proactive, policyholder centric ago in the filternal systems to ensure series complained that the contract of the proposition of the contract of the

The insurers were urged to strengthen their internal systems to ensure strict compliance with timelines

#### NBFC borrowings to reach \$750 billion by FY27: Study

funding mix of India's Non-Banking Financial Compa-nies (NBPCs), the borrowings of this segment is ex-

#### Market based instruments are expected to make up 64% of total NBFC borrowings by FY27

to make up 64% of total NNPC borrowings, compared to 45% in 1924, represented to 45% i

ULo) are increasingly top-ping global debt markets backed by strong credit rat-ings, with nine out of fit-tion NBFC-ULs expanding their RCB share between FY22 and FY28.

in contrast, middle-layer NRFCs (NRFC-MLs)

#### SMS Pharma gains 18% as reformulated drug gets nod

SMS Pharmaceuticals shares gained nearly 18% on the back of U.S. FDA ap-

"While minimising the forecast errors is signally important, there is no systematic bins in the forecast, executed in the forecast, or the for ARCHURA PROPERTY.

#### 'No bias in RBI's inflation forecast'

#### Ashokamithran T.

the central bank's inflation arecast, Deputy Governor somani Gupta clarified, adding that reducing fore-

easting error was important. "While minimizing the was

## (MoSPD to explain the changes in the new CPI base revision, here on Wednesday.

The Deputy Governor's comments came in the backdrop of evonomists criticising the RBI for having an overstated CPI forecast and bence a hawkish "bias" in monetary policy. and that a rate our was war-ranted. Prices increased at a rate of 0.25% in October 2028, making it the slowest

2005, making it the slowest pace ever.

Ms. Cuptu also spole about ministees brought in by the IBH to disseminate data. The Dejung Green-nor and that the balance of payments (thelf) data is soon expected to be ru-leaned or a morthly basis.

# Cabinet approves ₹7,280 cr. scheme for rare earth magnets

The first-of-its-kind initiative aims to establish 6,000 MTPA of integrated rare earth permanent magnet manufacturing in India, govt. says

The Hindu Bureau NEW DELHI

n yet another push to secure India's supplies of rare earth magnets, the Union Cabinet on Wednesday approved a new "first-of-its-kind" scheme, with a financial outlay of 77,280 crore, to manufacture Rare Earth Permanent Magnets (REPM) in India.

The approval of this scheme, named the 'Scheme to Promote Manufacturing of Sintered Rare Earth Permanent Magnets', comes two days after Commerce Minister Piyush Goyal specifically noted that one of the areas in which India and Canada have "tremendous potential" to cooperate on was in critical minerals.

This was in the context of the two countries restarting talks on a Comprehensive Economic Partnership Agreement.

"This first-of-its-kind initiative aims to establish 6,000 metric tonnes per annum (MTPA) of integrated Rare Earth Permanent Magnet (REPM) manufacturing in India, thereby enhancing self-reliance and positioning India as a key player in the global REPM market," the government said in a release.

REPMs are vital components that have applications in EVs, renewable energy, electronics, aeros-



Shifting gear: The auto industry, in particular, has welcomed the decision, saying it is a pivotal step towards self reliance. REUTERS

pace, and defence sectors.

According to the government, the scheme will support the creation of integrated REPM manufacturing facilities, involving the conversion of rare earth oxides to metals, metals to alloys, and alloys to finished REPMs.

The total financial outlay of the scheme of ₹7,280 crore, will comprise a sales-linked incentives of ₹6,450 crore on REPMs for five years and a capital subsidy of ₹750 crore for the setting up of an aggregate of 6,000 MTPA of REPM manufacturing facilities.

The plan is to allocate the total capacity of 6,000 MTPA to five beneficiaries through a global competitive bidding process with each beneficiary being allotted up to 1,200 MTPA.

The total duration of the scheme is to be seven years from the date of award, including a 2-year gestation period for setting up an integrated REPM manufacturing facility, and 5 years for incentive disbursement on the sale of REPM.

The auto industry, in particular, has welcomed the decision, saying it is a pivotal step towards self reliance.

"This initiative is a significant step toward building a resilient and stable supply chain, particularly for components and subassemblies essential for the production of electrified vehicles," Shailesh Chandra, President of the Society of Indian Automobile Manufacturers (SIAM) said.

"This initiative will not only reduce import dependence but also provide long-term resilience to the automotive supply chain, encourage investments in advanced materials, and position India strongly in global value chains for EVs and clean energy," Vikrampati Singhania, President of the Automotive Component Manufacturers Association (ACMA) said.

What Has Happened?

1.1 Government
Launches First-of-its-Kind
Scheme

Union Cabinet approved a

₹7,280 crore scheme to
manufacture Rare Earth
Permanent Magnets
(REPMs) in India.

Objective: Build 6000
MTPA (metric tonnes per annum) of integrated
REPM manufacturing capacity.

1.2 Scheme Name

Scheme to Promote Manufacturing of Sintered Rare Earth Permanent Magnets (REPMs).

- Why REPMs Are Important? (concept booster)
- 2.1 Key Components in High-Tech Sectors
- REPMs are crucial for:

- Electric vehicles (EVs)
- Renewable energy (wind turbines)
- Electronics
- Aerospace
- Defence systems
- Medical devices
- 2.2 India's Strategic Need
- Currently dependent on foreign suppliers → China dominates 90% of global REPM supply.
- India aims to reduce import dependence and build a secure critical minerals supply chain.

## 3. Structure of the Scheme

## 3.1 Total Outlay

• **₹7,280 crore** for 7 years.

## 3.2 Components

## 1. Sales-linked incentives:

₹6,450 crore for 5 years to support REPM sales.

## 2. Capital subsidy:

₹750 crore for building manufacturing facilities.

## 3. Capacity creation:

- 6,000 MTPA of REPM capacity allotted to 5 beneficiaries through global competitive bidding.
- Each will get up to 1,200 MTPA.

## 3.3 Implementation Duration

- 7 years total
  - Includes 2-year gestation for setting up integrated facilities
  - 5 years of incentive disbursement.

## 4. What Are Integrated REPM Manufacturing Facilities?

### They convert:

- 1. Rare earth oxides →
- 2. Metals →
- **3.** Alloys →
- 4. Final sintered REPMs

This solves India's current bottleneck where:

- India mines rare earths
- But does not have capacity to:
  - refine
  - process
  - alloy
  - manufacture final magnets

#### 5.1 Position India in Global Supply Chains

- Helps India become a key player in the global rare earths market.
- Particularly important due to:
  - EVs
  - Wind energy
  - Electronics supply chains

#### **5.2 Critical Minerals Diplomacy**

- Recent India–Canada talks mentioned potential cooperation in rare earths.
- Fits into India's broader Critical Minerals Security Strategy, including:
  - Lithium imports from Australia & Argentina
  - Coal-to-rare-earth extraction (CSIR)
  - KABIL JV for overseas mineral acquisition

#### 5.3 Geopolitical Angle

- China currently weaponises rare earths through:
  - Export restrictions
  - Price manipulation
  - Supply bottlenecks
- India creating REPM capacity reduces geo-economic vulnerability.

Topic	Key Points
Why rare earths matter?	17 critical elements used in fighter jets, missiles, EV motors, MRIs, smartphones, satellites, radars, wind turbines.
China's dominance	Controls ~70% of global mining and ~90% of rare earth refining/processing.
Historical context	U.S. was once leader (1980s-90s); later offshored processing to China $\rightarrow$ China built monopoly.
Current leverage	China uses export restrictions & supply strikes as geopolitical pressure (especially on U.S. & Japan).
Recent example	China restricted export of gallium & germanium (2023), and rare earths earlier to Japan (2010).
Why the U.S. is vulnerable	Defence sector + clean energy + electronics rely heavily on rare earth imports from China.

## 5. Why Alternatives to China Will Take Years?

Reason	Explanation
High entry barriers	Rare earth refining is complex, toxic, capital-intensive.
Environmental norms	Western countries face stricter regulations → higher costs.
China's integrated ecosystem	Mines $\rightarrow$ Refining $\rightarrow$ Magnets $\rightarrow$ End-use industries in one pipeline.
Patents & technology	China holds major patents in separation & magnet manufacturing.
Cost advantage	Cheaper processing due to economies of scale & lax norms.

## Q. Consider the following statements regarding the new ₹7,280 crore Rare Earth Permanent Magnet (REPM) Scheme:

- 1. The scheme aims to establish 6,000 MTPA of integrated REPM manufacturing capacity in India.
- 2. China currently dominates the global REPM supply chain, producing nearly 90% of the world's magnets.
- 3. The scheme includes both sales-linked incentives and capital subsidies.
- 4. The scheme will select beneficiaries exclusively from Indian government PSUs through nomination, not competitive bidding.

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

- A. 1, 2 and 3 only
- B. 2 and 4 only
- C. 1 and 3 only
- D. 1, 2, 3 and 4

### **VISAKHAPATNAM CAMPUS LIKELY TO BE READY BY 2030**

## Reliance JV set to build \$11-bn AI data centre

#### **ENS Economic Bureau**

New Delhi, November 26

RELIANCE INDUSTRIES (RIL), together with Brookfield and US-based Digital Realty, will invest \$11 billion (about Rs 98,000 crore) to build a 1 gigawatt AInative data centre campus in Andhra Pradesh through their joint venture, Digital Connexion.

Billed as one of the country's largest digital infrastructure projects, the facility will come up across 400 acres in Visakhapatnam and is targeted for completion by 2030. A memorandum of understanding (MoU) for the investment was signed with the Andhra Pradesh Economic Development Board on Wednesday, signalling a major scale-up

in the state's digital capabilities.

Digital Connexion said the upcoming data centre park will be designed for high-density AI computing workloads, equipped with advanced power infrastructure, secure and redundant power feeds, and low-latency, carrier-neutral connectivity for hyperscalers and enterprises.

The company expects the Visakhapatnam campus to play a crucial role in expanding data and compute ecosystem as demand intensifies from cloud transformation, generative AI and advanced analytics. The JV already operates a data centre campus in Chennai and is developing another in Mumbai's Chandivali technology district, both positioned to support high-volume digital

#### 1GIGAWATT PROJECT

- Digital Connexion is a joint venture between Reliance Industries, Brookfield and US-based Digital Realty
- Billed as one of the country's largest digital infrastructure projects, the facility will come up across 400 acres in Visakhapatnam and is targeted for completion by 2030

growth. Visakhapatnam is now being positioned as the next anchor location in Digital Connexion's India roadmap.

The Andhra Pradesh government has assured full support for the Digital Connexion project, including assistance with land allotment, power infrastructure, connectivity, and timely clearances. State officials said the investment is expected to generate large-scale employment during both construction and operations, while boosting allied sectors and technology-led entrepreneurship.

The mega announcement comes against the backdrop of another data centre commitment by RIL in the state. On November 14, the group signed an MoU with the Andhra Pradesh government to set up its own standalone 1 GW AI data centre in Visakhapatnam.

Finalised during the CII Partnership Summit 2025 in the presence of Chief Minister N Chandrababu Naidu, this data centre will operate as a twin to RIL's gigawatt-scale AI infrastructure in Jamnagar, creating one of Asia's most powerful paired AI compute networks. The facility will adopt a modular, future-ready architecture capable of deploying high-performance GPUs and tensor processing units. To power the centre sustainably, Reliance will also build a 6-GWp solar power project in the state, which, according to officials, will more than double Andhra Pradesh's current ground-mounted solar capacity and contribute over 30 per cent of its renewable energy output.

Earlier, Google also announced a \$15-billion AI hub in the state in partnership with the Adani Group and Bharti Airtel.

Aspect

Project

**Investment Value** 

**JV Name** 

**JV Partners** 

Location

**Land Area** 

**Completion Target** 

**MoU Signed With** 

**Purpose** 

**Energy Source** 

**Details** 

1 gigawatt Al-native data centre campus

\$11 billion (₹98,000 crore)

**Digital Connexion** 

Reliance Industries + Brookfield + US-based Digital

Realty

Visakhapatnam, Andhra Pradesh

~400 acres

By 2030

Andhra Pradesh Economic Development Board

Al workloads, high-density computing, large-scale data

processing, analytics

Reliance to build **6 GW solar project** in Andhra to

power the data centre

Feature

Detail

**Al-Native Infrastructure** 

Designed for high-density AI computing, GPUs, tensor processing units

**Power Redundancy** 

Secure & redundant power feeds, low latency

**Carrier-Neutral Connectivity** 

Suitable for hyperscalers, enterprises

**Sustainability** 

6 GW solar power → more than doubling

Andhra's solar capacity

**Architecture** 

Modular, future-ready; supports highperformance compute clusters

Twin Facility

Acts as a "twin" to Reliance's AI infrastructure in Jamnagar

## Context

## Other Major Al Projects in AP

Reliance's Digital Roadmap

India's AI Push

## **Details**

Google + Adani Group + Bharti Airtel planning a \$15-billion AI hub

Active data centres in Chennai & upcoming in Mumbai's Chandivali

Aligns with National AI strategy, semiconductor mission, cloud mission

- Consider the following statements regarding India's upcoming Al data centre ecosystem:
- Reliance's new Visakhapatnam data centre will be powered partly by a 6 GW solar project in Andhra Pradesh.
- Digital Connexion is a joint venture between Reliance, Brookfield, and NVIDIA.
- The Visakhapatnam project is expected to be one of the largest Alnative data centres in India.
- Google has also announced an AI hub in Andhra Pradesh.
- Which of the statements given above are correct?
- A. 1, 3, and 4 only
- B. 1 and 2 only
- C. 2 and 4 only
- D. 1, 2, 3, and 4

# How November 26 came to be celebrated as India's 'Constitution Day'

ON NOVEMBER 26, 1949, the Constituent Assembly adopted the Constitution of India, which came into effect on January 26, 1950. While January 26 is celebrated as Republic Day, since 2015, November 26 has been observed as the Constitution Day of India, or Samvidhan Divas.

In May 2015, the Union Cabinet an-



The Constitution Day celebration at Samvidhan Sadan in New Delhi on Wednesday. ANI

nounced that November 26 would be observed as Constitution Day to promote "constitutional values amongst

citizens". That year also marked the 125th birth anniversary of BR Ambedkar, the Chairman of the Drafting

Committee of the Constitution.

"This year, the country is celebrating 125th birth Anniversary of Dr. B.R. Ambedkar. The 'Constitution Day' will be a part of these year-long nationwide celebrations. This will be a tribute to Dr. Ambedkar, who played a seminal role in the framing of the Indian Constitution as the Chairman of the Drafting Committee of Constituent Assembly," a Press Information Bureau release said in 2015.

The move was formally notified on November 19, 2015. Before that, November 26 was observed as National Law Day. Ambedkar was also the first Law Minister of India.

**EXPRESS NEWS SERVICE** 

Aspect Details

Date Observed 26 November (every year)

First Observed As National Law Day (earlier)

Now Known As

Constitution Day / Samvidhan
Divas

**Adoption of Constitution 26 November 1949** 

Enforcement Date

26 January 1950 (now celebrated as Republic Day)

Reason

Explanation

Constituent Assembly adopted the Constitution on 26 Nov 1949

Provides constitutional significance

125th birth anniversary of Dr. B.R. Ambedkar in 2015

Cabinet wanted to honour Ambedkar's contribution as Chairperson of Drafting Committee

**Promote Constitutional Values** 

Aim was to spread awareness about citizens' duties and constitutional spirit

Year Event

2015-16

Pre-2015 26 Nov celebrated as National Law Day

May 2015
Union Cabinet approved decision to observe Constitution Day on Nov 26

Nov 19, 2015 Official notification issued by Government of India

Part of year-long celebrations marking Ambedkar's 125th birth anniversary

## **Historical Background:**

- 1934: Demand for the Constituent Assembly was made by M.N. Roy.
- 1940: Demand was accepted by the British government.
- 1946: 9th December, CA conducted the first session on Draft Constitution.
- 1949: 26th November, CA finally adopted the Constitution of India.
- 1950: 26th January, the Constitution of India came into force.

## **Key Facts about Constituent Assembly**

- Took 2 years, 11 months & 17 days for drafting the Constitution of India.
- Dr Sachchidananda Sinha was appointed as 1st President of CA.
- Dr Rajendra Prasad was the chairman of the Constituent Assembly.
- Jawaharlal Nehru (PM) made the 'Objectives Resolution' on 13th December 1946, later adopted as Preamble on 22nd Jan 1947.
- The constituent assembly acted as the temporary legislature until a new one was to be constituted.

### **Brief About Constitution Of India**

- The longest written constitution of the World (25 Parts & 12 Schedules)
- The Constitution of India wasn't typed or printed and is handwritten & stored in a Helium filled case.
- It was handcrafted by the artists of Shantiniketan under the guidance of Acharya Nandalal Bose.
- The major portion borrowed from the GOI Act, 1935.
- Salient Features: Define India to be a sovereign, socialist, secular, democratic republic assuring its citizen's justice, equality, and liberty.
  - Parliamentary form, Federalism, Single Citizenship, Separation of Powers.

#### Key Amendments:

- 1st CAA: Added Ninth Schedule laws that cannot be challenged in courts.
- 42nd CAA: Inserted Article 51-A (10 FDs), Socialist, Secular and Integrity added to the Preamble, & new DPSPs added (Article 39, 39A, 43 A, 48A)

## Dr. Verghese Kurien

Syllabus: GS3/ Economy

#### In News

26th November commemorates the birth anniversary of Dr. Verghese Kurien.

## About Dr. Verghese Kurien (1921-2012)

- He was the architect of India's White Revolution and is celebrated as the "Father of the White Revolution."
- Born in Kozhikode, Kerala, he spearheaded Operation Flood in 1970, which transformed India from a milk-deficient country into the world's largest milk producer.
- He was instrumental in establishing the Anand cooperative model, exemplified by Amul, which became a blueprint for dairy development across India.
- His efforts also led to the creation of institutions such as the National Dairy Development Board (NDDB) and the Institute of Rural Management Anand (IRMA).
- Dr. Kurien revolutionized the edible oil industry by launching the brand 'Dhara' in 1979.
- Dr. Kurien's contributions earned him national and international recognition, including the Padma Vibhushan,
   Ramon Magsaysay Award, and the World Food Prize.

Source: TH

- Consider the following statements about Constitution Day in India:
- Constitution Day marks the day the Constitution of India came into force.
- The day was notified officially as Constitution Day in 2015.
- Before 2015, November 26 was observed as National Law Day.
- Constitution Day was introduced as part of celebrations of the 125th birth anniversary of Dr. B.R. Ambedkar.
- Which of the statements is/are correct?
- A. 1, 2 and 4 only
- B. 2, 3 and 4 only
- C. 1 and 3 only
- D. 2 and 4 only

# G20 Summit 2025



Theme	Key Points
Spirit of Ubuntu & Multilateralism	Emphasised African philosophy of <i>Ubuntu</i> → shared global responsibility & interconnectedness; stronger <b>multilateral cooperation</b> .
UNSC Reform	Strong call to <b>transform UNSC</b> ; expand representation for Africa, Latin America, and Asia-Pacific → reflects India's long-standing demand.
Condemnation of Terrorism	Unequivocal condemnation of all forms & manifestations of terrorism.
Climate Action	Agreed to scale global climate finance → "billions-to-trillions" shift; equitable transition under Paris Agreement.
Women Empowerment	Removing barriers; ensuring equal decision-making; recognising women as agents of peace.

### 2. Debt Crisis & Global Financial Reform

Issue	Key Points
Cost of Capital Commission	Launched to reform global credit rating practices & reduce <b>African risk premium</b> .
Debt Burden	Africa's total debt = <b>USD 1.8 trillion</b> ; over 50% of population in countries spending more on debt interest than public services.

## 3. Mission 300 (World Bank + African Development Bank)

Feature	Details
Objective	Deliver electricity access to <b>300 million</b> people in Sub-Saharan Africa by 2030.
Led By	World Bank & African Development Bank.

### What is the Spirit of Ubuntu?

- About: The spirit of Ubuntu is an African philosophy of shared humanity, captured in the idea "I am because you are." It stresses collective responsibility, compassion, and mutual support, reminding us that individual progress depends on community well-being.
  - Nelson Mandela embodied Ubuntu in the way he led South Africa's peaceful transition after apartheid by choosing reconciliation over revenge and emphasising unity over division.

#### Ubuntu and Its Relevance to Global Goals:

- Sustainability: Supports development that protects the environment and preserves natural resources.
- Equitable Growth: Calls for fair access to technology, skills, and opportunities, especially for Global South nations.
- Global Security: Encourages collective action against transnational threats such as the drugterror nexus.
- Knowledge Preservation: Promotes safeguarding traditional knowledge and cultural heritage for future generations.

## G-20 (The Group of Twenty)

#### **About**

- In 1999, following the Asian Financial Crisis of the 1990s, G20 was established as a Forum for Finance Ministers and Central Bank Governors.
- Raised to the Summit level in 2008 to address the global financial and economic crisis of 2008.

#### Aims

Secure global financial stability by involving world's largest advanced and emerging economies.

#### Structure and Functioning of G20

- The G20 Presidency rotates annually
- No permanent Secretariat or Headquarters
- 19 countries are divided into 5 groups
- · The presidency rotates between each group

#### Troika

It is a working association between the current presidency, past presidency and next presidency.

#### Challenges

- No Enforcement mechanism
- No legal binding
- Polarization of Interests:
  - Russia Ukraine Conflict
  - China's strategic rise
  - NATO's expansion

## **G20 India 2023**

- India assumed the 18th G20 Presidency from December 1, 2022 for a one-year period.
- Theme:
  - "Vasudhaiva Kutumbakam" a Sanskrit word which Stands for "One Earth One Family. One Future".
  - This is taken from the ancient Sanskrit text of the 'Maha Upanishad'.

## **G20 COUNTRIES**



## Q. Consider the following statements regarding the G20 Summit 2025 (Johannesburg):

- The Summit Declaration endorsed the African philosophy of Ubuntu to promote shared global responsibility.
- 2. A Cost of Capital Commission was launched to reform global credit rating practices.
- The Mission 300 initiative aims to provide electricity to 300 million people in Sub-Saharan Africa by 2030.
- 4. The declaration rejected reforms to the United Nations Security Council.

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

- A. 1, 2 and 3 only
- B. 1 and 4 only
- C. 2 and 3 only
- D. 1, 2, 3 and 4

Elimination of Violence Against Source: PIB | Date: 25 November | Theme 2025: "UNITE to End Digital Violence against All Women and Girls"

## 2 1. Why in News?

- 25 November is observed as the International Day for the Elimination of Violence Against Women, designated by the UN.
- Focus: Increase global awareness on gender-based violence (GBV).
- 2025 UN Theme: UNITE to End Digital Violence against All Women and Girls.

## 2. Background & Evolution (Important for Prelims)

#### a. CEDAW (1979)

- UN adopted the Convention on the Elimination of All Forms of Discrimination Against Women (CEDAW) in 1979.
- India ratified in 1993 (with some reservations).
- Still gender-based violence remains widespread globally.

#### b. Key UN Resolutions

- 1993 UNGA Resolution 48/104
  - Established Declaration on the Elimination of Violence against Women.
  - First global recognition of VAW as violation of human rights.
- 2. 2000 UN formally designated 25 November
  - As the International Day for Elimination of VAW.
- 3. UNITE Campaign (2008) by UN Secretary-General
  - 16 Days of Activism (25 Nov 10 Dec).

## 3. What is Violence Against Women (UN Definition)?

#### Includes:

- Physical, sexual, psychological violence
- Domestic violence, marital rape
- · Trafficking, forced prostitution
- Harmful practices: FGM, child marriage
- Workplace harassment
- Digital violence (cyberbullying, doxxing, deepfakes, online stalking)

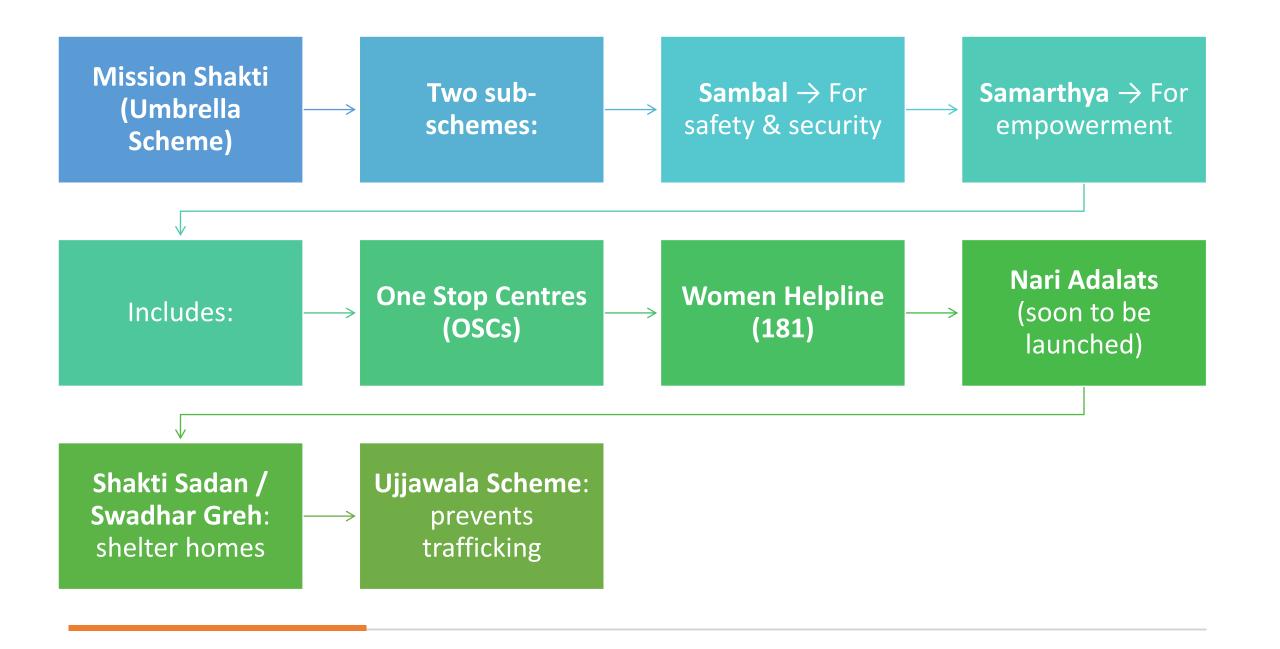
## 4. Status: Global & Indian Scenario

#### Global

- 1 in 3 women experience violence (WHO).
- · Only 40% of victims seek help.

#### India

- NFHS-5 (2019–21):
  - 29.3% of ever-married women faced domestic violence.
- NCRB (2023):
  - Crimes against women increased by 4%.
  - · Cruelty by husband/in-laws is the largest category.





- Constitutional Provisions
- Article 14 Equality
- Article 15(3) Special provisions for women
- **Article 21** Right to life with dignity (includes protection from violence)
- Statutory Framework
- Domestic Violence Act, 2005
- Criminal Law Amendments (2013 & 2018)
- POSH Act, 2013
- POCSO Act, 2012
- IT Rules 2021 → to counter online abuse
- Judicial Recognition
- Vishaka Guidelines (1997)
- Joseph Shine case (2018) Decriminalised adultery;
   emphasised dignity
- Nirbhaya Act reforms (2013)

## 7. Challenges

#### a. Social & Cultural

- Patriarchy
- Normalisation of domestic violence
- · Victim blaming & stigma

#### b. Institutional Weakness

- Low conviction rates
- Lack of trained police personnel
- Poor cyber forensic capability

### c. Digital Age Challenges

- Deepfake pornography
- Revenge porn
- Online stalking & impersonation
- Al-generated violence content

- Consider the following statements regarding the International Day for the Elimination of Violence against Women:
- The day is observed every year on 25th November as designated by the UN General Assembly.
- The 1993 UNGA Resolution 48/104 established the Declaration on the Elimination of Violence against Women.
- India has not ratified the Convention on the Elimination of All Forms of Discrimination against Women (CEDAW).
- The 2025 theme focuses on eliminating digital violence against women and girls.
- Which of the statements are correct?
- A. 1, 2 and 4 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2, 3 and 4

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Class24

# Word of the day

## **Esoteric:**

confined to and understandable by only an enlightened inner circle

**Usage:** This is a compilation of esoteric philosophical theories.

Pronunciation: newsth.live/esotericpro

International Phonetic Alphabet: /iː.səʊˈtɛɹ.ɪk/

