

# Daily Current Affairs





**7**  
**The Hindu**

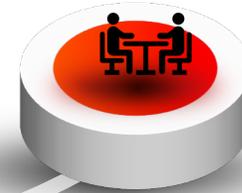


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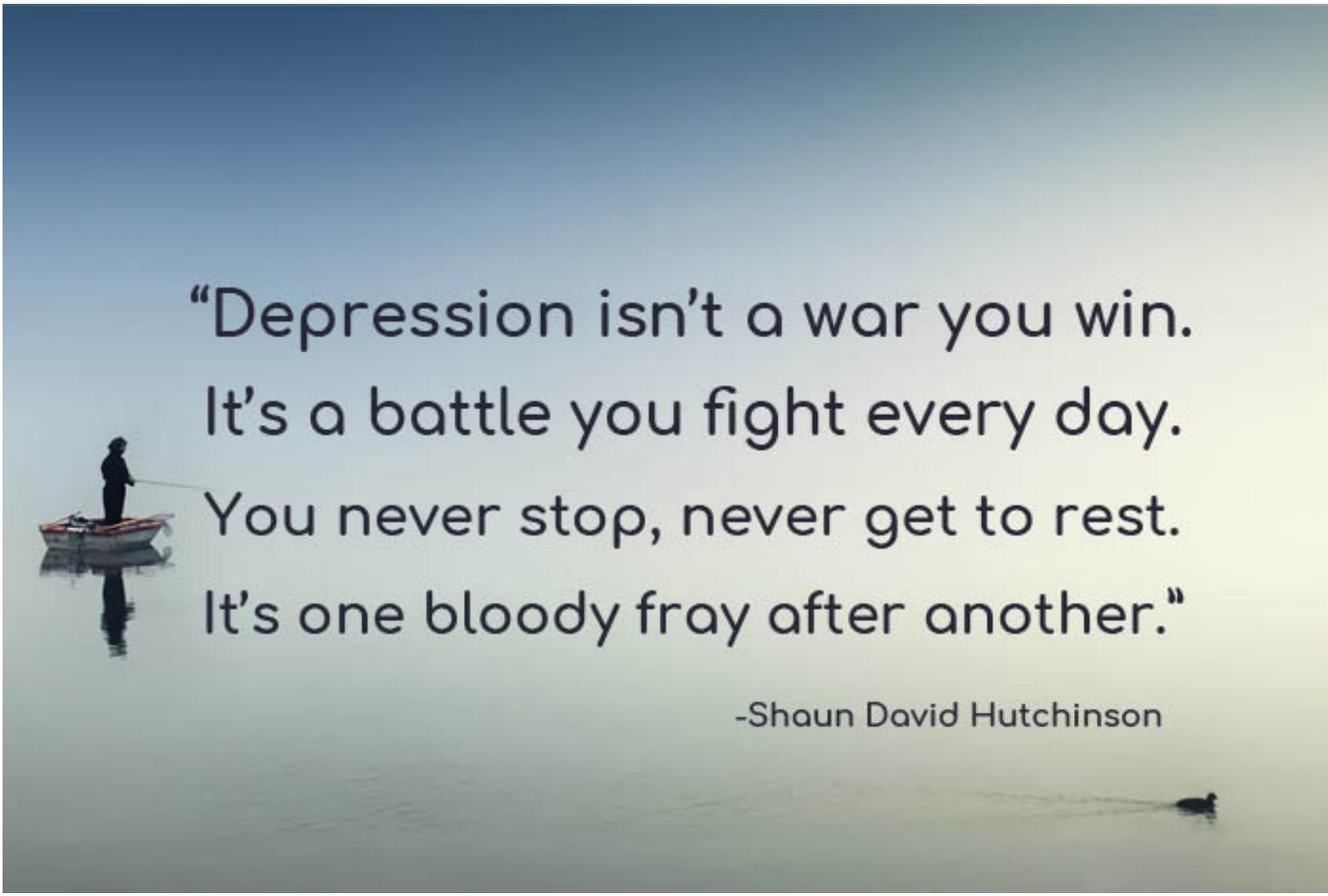
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A person in a small boat is silhouetted against a calm, light-colored sky and water. The person is standing in the boat, which is on the left side of the frame. The water is very still, reflecting the sky and the boat. In the distance, another small boat is visible on the water, moving towards the right. The overall mood is serene and contemplative.

“Depression isn’t a war you win.  
It’s a battle you fight every day.  
You never stop, never get to rest.  
It’s one bloody fray after another.”

-Shaun David Hutchinson



**CLEAN SWEEP**  
**Several Ministers trounced**  
NEWS » PAGE 9

**Verdicts elsewhere**  
The table lists the results of the constituencies that went for by-elections. Meghalaya's Sohiong had a deferred Assembly election.

State	Seat name	Seat type	Winning party	Vote share
Punjab	Jalandhar	Lok Sabha	ANP	34.05%
Odisha	Jharsuguda	Assembly	BJP	62.03%
U.P.	Chhanbaga	Assembly	Apna Dal (S)	46.1%
U.P.	Suar	Assembly	Apna Dal (S)	50.81%
Meghalaya	Sohiong	Assembly (deferred)	UDP	51.9%



**In Karnataka, market of hate has cooled down and mohabbat (shops of love) have opened**  
RAHUL GANDHI  
Cong. leader



**BJP's experiments with caste matrix backfire**  
NARENDRA MODI  
Prime Minister

# Congress surge topples BJP in Karnataka

**Congress improves tally from 80 in 2018 to 135 in 224-seat Assembly** | **Focus on corruption issues, free power, income support pays off** | **BJP's strength declines to 66 against 104 seats it won in 2018** | **JD(S) that was banking on a hung House bites the dust with 19 seats**

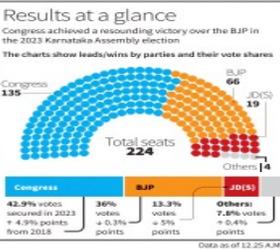
**Nagesh Prabhu**  
BENGALURU

SENDING out a clear signal for change, Karnataka voters defeated the incumbent Bharatiya Janata Party (BJP) and given the Congress an unambiguous mandate, with 135 seats in the 224-member Legislative Assembly.

The acid test for the Congress will now be to choose a Chief Minister, with both Leader of the Opposition and former Chief Minister Siddaramaiah, and Karnataka Pradesh Congress Committee president D.K. Shivakumar, during a press conference after election results were out on Saturday. K. NURUL KHAN



**Hand in hand:** Congress president Mallikarjun Kharge, with party leaders Siddaramaiah, and D. K. Shivakumar, during a press conference after election results were out on Saturday.



In the results declared on Saturday of the election held on May 10, the Congress improved its tally from the 80 seats it won in 2018, powering to 135 seats on the back of a robust unified campaign promising

free rice, power and income support, and building a case against the BJP based on local issues of corruption and governance. In contrast, the BJP largely flagged a "double-en-

gine" government's benefits and used polarising communal rhetoric during its much-advertised campaign led by Prime Minister Narendra Modi. The defeat of the BJP in the only south Indian State

## Cong. to meet today to discuss next step

**The Hindu Bureau**  
BENGALURU

THE MLAs-elect of the Congress will meet in Bengaluru at 5.30 p.m. on Sunday.

The meeting of the Congress Legislature Party has been convened to discuss the formation of the government, said sources in the party.

During the meeting, the leaders are also expected to elicit views of the

104 in 2018, the H.D. Kumaraswamy-led Janata Dal (Secular) — which was counting on a hung Assembly to revive its fortunes — slid to the ground. While the BJP's seats declined sharply to 66 against

18 seats, largely came in the old Mysore region, seen as a JD(S) stronghold.

**CONTINUED ON** » PAGE 7  
**BATTLE AHEAD** » PAGE 9

**CONTINUED ON** » PAGE 7  
**MORE REPORTS** » PAGES 8, 9 & 10

## IN BRIEF



**Karnataka result not surprising, says Assam CM**  
GUWAHATI  
Assam CM Himanta Biswa Sarma on Saturday said the Karnataka Assembly election result was not surprising and that the BJP had won most of the seats he visited during campaigning. » PAGE 6

## It's the beginning of BJP's end, says Mamata Banerjee

**Kolkata**  
West Bengal CM Mamata Banerjee said on Saturday the results are the beginning of the end for the BJP ahead of the Lok Sabha election. » PAGE 8

**CLASSIFIEDS** » PAGE 4  
**MAGAZINE** » PAGE 5

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From Page One

Congress surge topples BJP in Karnataka



Future prospects: It remains to be seen how the Congress will project the victory into other States where it is not the principal opponent of the BJP. A. SANKAR/REUTERS

In 2018, the BJP won 104 seats, but fell short of a majority. After the collapse of the coalition government led by H.D. Kumaraswamy, the BJP came to power in 2019 following defections by 14 MLAs from the Congress and three from the JDS.

The Karnataka outcome will boost the Congress' prospects in the upcoming Assembly elections in Madhya Pradesh, Rajasthan and Chhattisgarh, where both parties will directly face off in the Hindi heartland. The BJP, which had linked its fortunes to Prime Minister Narendra Modi's charisma by delecting its own State leadership, will be forced to rework its centralised campaign strategy over the coming months.

The Karnataka results have also sent out a powerful message to the party's sceptical allies in the United Progressive Alliance (UPA), that it is not yet a spent force. This victory will put the Congress, and especially its former president K. K. Shewakumar, as the central character of Opposition politics nationally.

It remains to be seen how the Congress will take forward this victory, and how it will try to project the victory into other States where it is not the principal opponent of the BJP. How it will hammer it out with regional partners is a crucial factor to track as the country shifts gear to the campaign for the 2024 general election.

Stability factor

The main challenges before the Congress are providing stability to the State — which has seen three Chief Ministers in the past five years — and implementing its election manifesto of five 'gararanties' catering to the welfare of lower income communities in the run-up to the general election, which is just a year away.

In terms of vote share, the Congress increased its vote from 38.04% in 2018 to 42.91 in 2023, while the BJP's vote share declined marginally from 36.22% to 35.97. The JDS vote share fell sharply from 18.36% in 2018 to 13.3% in 2023.

Winners and losers

Some of the prominent winners are Chief Minister Basavaraj Bommai from Shiggaon, former CM Siddaramaiah from Varuna, KPCDC president D.K. Shivakumar from Kamakapura, H.D. Kumaraswamy, Channappa; B.Y. Vijayendra, Shikaripura; R.V. Deshpande from Halyal; and G. Parameshwara, from Korataga.

Among the high-profile candidates who lost are former Chief Minister Jagadish Shettar (Congress) in Hubballi Central Assembly Speaker Vishweshwar Hegde Kapoti and 12 Ministers in the Bommal government. The defeated Ministers are Govind Karjol, B. Sriramulu, V. Somanna, J.C. Madhuswamy, Murgesh Nirani, B.C. Patil, K. Sudhakar, MTR Nagaraj, Narayana Gowda, B.C. Nagesh, Halappa Achar, and Shankar Patil Munnokoppa.

Chief Minister Basavaraj Bommal submitted his resignation to Governor Chand Shekhher late on Saturday evening. He will continue as a caretaker CM until his successor is sworn in.

Cong. to meet today to discuss next step

Senior leaders such as Mr. Kharge, Siddaramaiah, D.K. Shivakumar, Rajkesh Singh Sarjewa and others held a joint press conference at the party office and celebrated the victory.

They also congratulated the winners and called it a victory of the collective leadership of the party. Mr. Kharge said that there have been in the same position as 2018 if they had not been united.

Mr. Siddaramaiah said that it is the victory of democracy, Karnataka and Karnataka and congratulated the people of the State for voting the party to power.

On the party's victory, Mr. Siddaramaiah tweeted, "Bihar Jodo Yatra, led by Rahul Gandhi, united the people of Karnataka & spread the idea of peace & harmony — an important factor that put our party in the path of victory". At the party office, Congress workers burst crackers and celebrated boisterously.

Narvekar to decide after everyone gets 'fair chance'

The process of settling the matter on a party whip or petitions cannot be rushed, says Maharashtra Speaker after SC directs him to complete proceedings within a 'reasonable period'

Soman Sajeel  
MUMBAI

It is not possible to hurry the process of deciding on a political party and its Whip and hearing all the disqualification petitions, Maharashtra Assembly Speaker Rahul Narvekar said on Saturday.

On Thursday, the Supreme Court said Mr. Narvekar's decision of cancelling the approval of Ajay Choudhari (of Maha Vikas Aghadi) as Leader of the Shiv Sena Legislature Party while authorising the appointment of Mr. Shinde, was "contrary to law".

The court directed Mr. Narvekar to recognise the whip and leader who are duly authorised by the Shiv Sena, and decide on the disqualification proceedings by 16 members of the Legislative Assembly) within a "reasonable period".



The hearing will start soon. The Election Commission took almost four months while the courts took around nine months. We cannot hurry the process. RAHUL NARVEKAR, Maharashtra Assembly Speaker

of the chief, cross-examinations, verification and so on. Only then will I be able to come to a decision after giving everyone a fair chance," he said.

"The hearing will start soon. The Election Commission took almost four months while the courts took around nine months. We cannot hurry the process," he added.

The apex court on Thursday held Mr. Narvekar's decision of recognising Bharat Gogawale (of Eknath Shinde camp) as

the new chief whip "illegal", and stated that Sunil Shinde, leader of the Shiv Sena, appointed by the political party Shiv Sena but not the Legislature Party as the chief whip.

Internal rebellion On June 21, 2022, Mr. Shinde, leader of the Shiv Sena in the Maharashtra Assembly, suddenly left Mumbai with many other Sena MLAs for Surat. This rebel group later went to Guwahati.

Following the disqualification, proceedings were issued against the first chief whip MLAs and a notice was served on them. This group was granted 48 hours' time to respond to the said notice.

The next day, the group led by Mr. Shinde filed a petition in the Supreme Court for recognising proceedings against the 16 MLAs.

BJP wins big in U.P. local body polls; victory signifies faith in pro-people policies, says CM

Mayank Kumar  
LUCKNOW

The BJP on Saturday registered a resounding victory in Uttar Pradesh's 17th Local Body elections, winning 17 out of 17 seats in the 17 Mayoral seats, and a majority of 1,420 councillor seats in municipal corporations, and member seats across 17 Nagar Panchayats and Nagar Palika Parishads.

As per the latest data available, the BJP won 30 out of 54 Nagar Panchayat chairman seats and 49 out of 54 seats, and AMIM and leading in more than 200. Of 1,420 councillor seats in Municipal Corporations, the party won or was leading in more than half the seats. In the Prayagraj Corporation, BJP won 100 out of 100 seats whose results have been declared, while the BJP won 56, Samajwadi Party (SP) 16, Independ-



Major milestone: Yogi Adityanath congratulated the people of the State for choosing a triple-engine government, sources say.

ent one lakh votes. Ajay Singh won the post of Mayor in Saharanpur Municipal Corporation, Girishpati Tripathi won from Ayodhya, Manglesh Prasad won from Gorakhpur, Ashok Tiwari from Varanasi, Prashant Prasad from Kanpur, Prashant Singh from Aligarh, Hari-kant Ahlawat from Meerut, Archana Verma from

Shahjahanpur, Sushma Kharswal from Lucknow, Umesh Gautam from Bareilly and Sunita Dayal from Ghazipur Municipal Corporation.

The SP came second on 10 out of 17 Mayoral seats while in the remaining seven seats — including Agra Municipal Corporation — the BJP defeated the BSP whose double-engine BJP government.

Chief Minister Yogi Adityanath who led the BJP's campaign by holding 50 rallies across the State, thanked the voters for forming a triple-engine government. "Heartiest congratulations to all the dedicated and hardworking workers of U.P. BJP and the citizens of Uttar Pradesh, on the resounding victory of the BJP in the Uttar Pradesh local body polls. This epic victory reflects the successful guidance of

Karnataka DGP Praveen Sood to be next Director of CBI

Sandeep Phukan  
Vinita Singh  
NEW DELHI



Praveen Sood

Karnataka Director-General of Police Praveen Sood will be the next Director of the Central Bureau of Investigation (CBI) after his name was finalised on Saturday by a three-member panel comprising Prime Minister Narendra Modi, Chief Justice of India D.Y. Chandrachud, and Leader of the Opposition (Congress) in the Lok Sabha Adhir Ranjan Chowdhury.

Though there was no official word on the selection, it is learnt that Mr. Chowdhury submitted a dissent note against Mr. Sood's name as he was not among the original panel of officers who were shortlisted for the top CBI job. A source said his name was included at the last minute. The names of the empanelled officers are shared with the panel members ahead of the meeting.

The other senior IPS officer who was in the reckoning for the position was the DGP of Madhya Pradesh Sudhir Saxena. Mr. Sood is a 1986-batch IPS officer of the Karnataka cadre. He was appointed DGP three years ago. He hails from Himachal Pradesh and is an alumnus of IIT-Delhi. He was to retire in May 2024, but will now get a two-year fixed tenure and be in office till May 2025 at least.

In March, senior Congress leader D.K. Shivakumar had hit out at Mr. Sood for being incompetent and accused him of being a stooge of the BJP government in Karnataka.

Govt starts training of medical staff for Haj 2023

The Hindu Bureau  
NEW DELHI

Minority Affairs Minister Smriti Irani on Saturday inaugurated the training programme for the administrative and medical contingent selected to serve Haj pilgrims in Saudi Arabia this year.

A 468-member team — 335 medical professionals and 129 personnel for administrative duties — has been chosen for the training to facilitate the movement of 1.75 lakh pilgrims.

The Ministry said it had received a record 4,214 applications from women who plan to travel without a male guardian (mehram).

This year, there is a direct involvement of the Health Ministry and its agencies for the medical screening of pilgrims, their vaccination.

Gaganyaan: parachutes for re-entry capsule sent to ISRO facility in Bengaluru

The Hindu Bureau  
NEW DELHI

Independently developed parachutes for the safe re-entry of the capsule that will carry astronauts under the proposed Gaganyaan programme are set to undergo fitment tests at an Indian Space Research Organisation (ISRO) facility in Bengaluru on July 1.

The Aerial Delivery Research and Development Establishment (ADREDE) at the Agra-based laboratory under the Defence Research and Development Organisation (DRDO), has developed the parachutes for India's manned space flight programme, Gaganyaan, which envisages putting a crew of three astronauts in low-earth orbit.

On Saturday, the flight unit of the parachutes was flagged off from ADREDE to the ISRO Satellite Integration and Testing Establishment in Bengaluru. "The first test demonstration is likely to take place in July this year, with the first unmanned mission



The Gaganyaan crew module will carry three astronauts as part of India's first human space flight programme, it is seen.

to be undertaken only after the success of two such demonstrations, the ADREDE said in a statement. The Test Vehicle Demonstration (TVD-D) flight will be used to extract three parachutes of the "main parachute" individually, to reduce the speed of the crew module to safe levels during its landing, the statement explained.

Deployment of two parachutes of "apex cover separation parachute", which is protection cover for the crew module parachute compartment, followed by two more of "drogue para-

The Hindu Bureau  
NEW DELHI

The government has denied that it is seeking wholesale repatriation of cultural property extracted by Britain from India during colonial times.

Reacting to a story, "India to force Britain into co-creating 'reconciliation' with treasure demands", in the U.K.'s Telegraph newspaper, the government said, "The headline and story were fundamentally misleading".

"Overstatement" The Telegraph, on Friday, reported that New Delhi was preparing to demand "the largest repatriation claim faced by the UK on a scale that would dwarf Greece's demands for the Elgin Marbles" and that Indian diplomatic and ministerial staff were being "mobilised" to secure "potentially thousands" of artefacts, including the Koh-i-noor diamond.

A source noted that the issue was part of the G-20 Culture Ministers' meeting said that while it was seeking the restitution of arte-

Not planning large-scale request to U.K. for return of cultural property: Centre

facts taken from India, the government was a "significant overstatement" in terms of how it portrays the government and its approach to the U.K.

"It is understood the issue may still open up to diplomatic talks between the UK and India on matters such as trade."

India and the U.K. are in advanced stages of negotiating a trade deal, Indian diplomats in London will be formally seeking the return of artefacts, starting sometime this year, according to the Telegraph story.

"It is also not true that the Ministerial and Diplomatic resources are being mobilised towards securing the return of thousands of artefacts from the U.K.," the government said, emphasising that its approach was to restore antiquities via consular and partnership and in a manner consistent with international agreements.

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**Vijaita Singh**

NEW DELHI

Karnataka Director-General of Police Praveen Sood will be the next Director of the Central Bureau of Investigation (CBI) after his name was finalised on Saturday by a three-member panel comprising Prime Minister Narendra Modi, Chief Justice of India D.Y. Chandrachud, and Leader of the Opposition (Congress) in the Lok Sabha Adhir Ranjan Chowdhury.

Though there was no official word on the selection, it is learnt that Mr. Chowdhury submitted a dissent note against Mr. Sood's name as he was not among the original panel of officers who were shortlisted for the top CBI job. A source said his name was included at the last minute. The name of the empanelled officers are shared with the panel members ahead of the meeting.

The other senior IPS of-



Praveen Sood

ficier who was in the reckoning for the position was the DGP of Madhya Pradesh Sudhir Saxena.

Mr. Sood is a 1986-batch IPS officer of the Karnataka cadre. He was appointed DGP three years ago. He hails from Himachal Pradesh and is an alumnus of IIT-Delhi. He was to retire in May 2024, but will now get a two-year fixed tenure and be in office till May 2025 at least.

In March, senior Congress leader D.K. Shivakumar had hit out at Mr. Sood for being incompetent and accused him of being a stooge of the BJP government in Karnataka.

## Agency overview

<b>Formed</b>	1963 by resolution of home ministry
<b>Jurisdiction</b>	<a href="#">Government of India</a>
<b>Headquarters</b>	<a href="#">New Delhi, India</a>
<b>Motto</b>	<i>Industry, Impartiality, Integrity</i> उद्यमिता, निष्पक्षता, सत्यनिष्ठा
<b>Employees</b>	Sanctioned: 7274 Actual: 6391 Vacant: 883 as on 1 Feb 2022 <sup>[1]</sup>
<b>Annual budget</b>	₹911.87 crore (US\$114.2 million)(2022-23 est.) <sup>[2]</sup>
<b>Agency executive</b>	<a href="#">Subodh Kumar Jaiswal<sup>[3]</sup></a> , Director General
<b>Parent department</b>	<a href="#">Department of Personnel and Training</a>



Prime Minister's Office

Department of Personnel  
& Training

**Central Vigilance Commission**

Superintendence of CBI rests with  
CVC in corruption cases

CBI DIRECTOR



Economic  
Offences  
Division



Anti-  
Corruption  
Division



Special  
Crime  
Division

## Factors undermining independence

### Appointments

accused of being  
"political" in nature

dependent on home ministry for  
manpower → often falls short of it.

### Political Tool ?

Continual political interference in investigations

### Corruption

Corruption charges against  
CBI officials keep cropping up

CVC seems to have largely  
failed w.r.t. CBI

## Possible Reforms

Should be provided with a  
separate cadre of its own  
(to insulate it from political  
interference)

Should be made  
accountable to Parliament  
(instead of govt)

could be brought under Lokpal  
(to insulate it from political  
interference)

can't take up cases, suo-moto → is directed by govt about cases to be investigated.

functions under CrPC → So, in states, needs approval of state govt to investigate

### Functioning & Administration

No statutory/constitutional back up to define its role/responsibilities

depends on govt for finances

derives power from *outmoded* Delhi Special Police establishment Act, 1946 → This needs to be overhauled

A new law incorporating all pressing issues should be enacted to govern CBI

According to Delhi HC, CBI is not exempted from RTI in cases of corruption and human rights → this can also be used to bring about some transparency

Originally set up to investigate bribery and governmental corruption, in 1965 it received expanded jurisdiction to investigate breaches of central laws enforceable by the [Government of India](#), multi-state organised crime, multi-agency or international cases.



मूल रूप से रिश्वतखोरी और सरकारी भ्रष्टाचार की जांच के लिए स्थापित, 1965 में इसे भारत सरकार द्वारा लागू केंद्रीय कानूनों के उल्लंघन, बहु-राज्य संगठित अपराध, बहु-एजेंसी या अंतर्राष्ट्रीय मामलों की जांच करने के लिए विस्तारित अधिकार क्षेत्र प्राप्त हुआ।

The CBI has attracted numerous [controversies and criticisms](#) due to various reports of irregular practises, excessive political influence, and a poor [conviction rate](#).

CBI is exempted from the provisions of the [Right to Information Act](#). CBI is India's officially designated [single point of contact](#) for liaison with the [Interpol](#).

सीबीआई ने अनियमित प्रथाओं, अत्यधिक राजनीतिक प्रभाव, और कम सजा दर की विभिन्न रिपोर्टों के कारण कई विवादों और आलोचनाओं को आकर्षित किया है।

CBI को सूचना का अधिकार अधिनियम के प्रावधानों से छूट प्राप्त है। सीबीआई इंटरपोल के साथ संपर्क के लिए भारत का आधिकारिक तौर पर नामित एकल संपर्क बिंदु है।

# Gaganyaan: parachutes for re-entry capsule sent to ISRO facility in Bengaluru

**The Hindu Bureau**

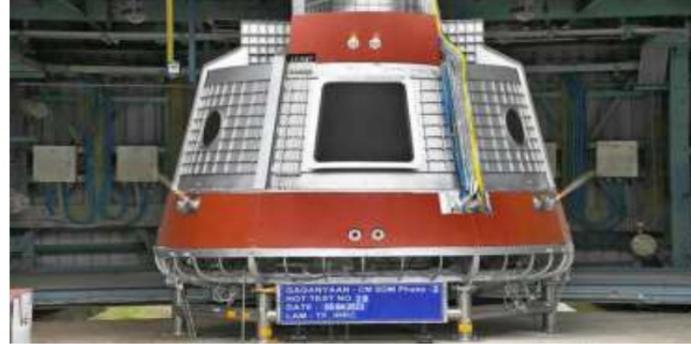
NEW DELHI

Indigenously developed parachutes for the safe return of the capsule that will carry astronauts under the proposed Gaganyaan programme are set to undergo fitment tests at an Indian Space Research Organisation (ISRO) facility in Bengaluru in July.

The Aerial Delivery Research and Development Establishment (ADRDE), the Agra-based laboratory under the Defence Research and Development Organisation (DRDO), has developed the parachutes for India's manned space flight programme, Gaganyaan, which envisages putting a crew of three astronauts in low-earth orbit.

On Saturday, the flight unit of the parachutes was flagged off from ADRDE to the ISRO Satellite Integration and Testing Establishment in Bengaluru.

“The first test demonstration is likely to take place in July this year, with the first unmanned mission



The Gaganyaan crew module will carry three astronauts as part of India's first human space flight programme. FILE PHOTO

to be undertaken only after the success of two such demonstrations,” the ADRDE said in a statement. The Test Vehicle Demonstration (TVD-1) flight will be a significant milestone toward realising the nation's ambitious Gaganyaan programme, it stated.

The parachute configuration consists of 10 parachutes. During flight the sequence starts with deployment of two parachutes of “apex cover separation parachute”, which is protection cover for the crew module parachute compartment, followed by two more of “drogue para-

chute deployment” to stabilise and bring down the velocity. Upon the drogue parachute release, three parachutes of the “pilot parachute” system will be used to extract three parachutes of the “main parachute” individually, to reduce the speed of the crew module to safe levels during its landing, the statement explained.

Stating that each parachute's performance must be evaluated by complex testing methods, the ADRDE said that individual parachutes have undergone sub-system level testing.



# GAGANYAAN MISSION

## INDIA'S FIRST MANNED FLIGHT TO SPACE

The project was first approved by **PM Narendra Modi** on **August 15, 2018**.

It will send the three member crew to space for at least **seven days by 2022**.

ISRO hopes to deploy its biggest rocket, **GSLV MK III**, for this project.



The space agency hopes to launch the first mission within **40 months from the date of approval**.



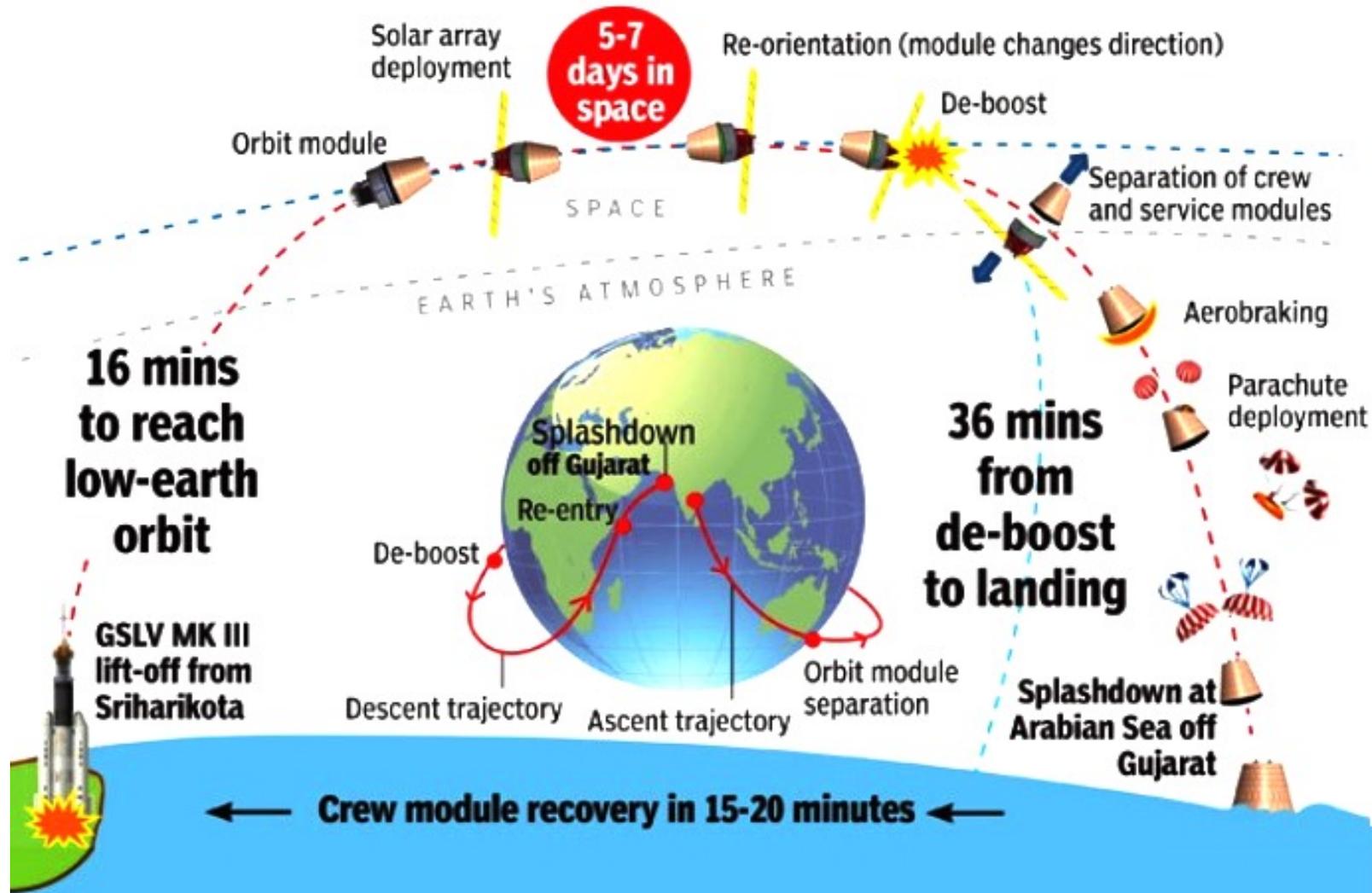
It would be one of the cheapest manned spaceflights in the world, with the estimated cost of not more than **Rs 10000 crore**.

India plans to call its astronauts "**Vyomnauts**" since '**Vyom**' in Sanskrit means '**Space**'.



India will become **fourth country after Russia, US and China** to send humans to space.

# MANNED MISSION



**COST:** Less than  
**₹10,000 cr**

**LAUNCH:**  
**2022**

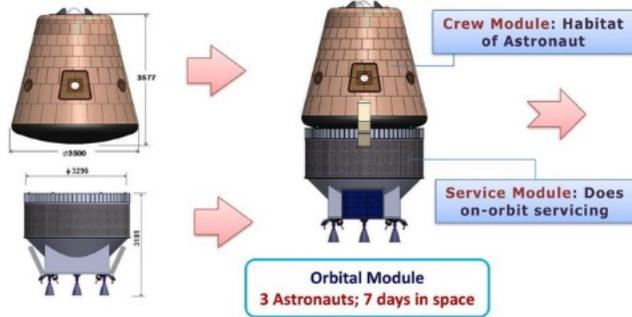
India to be the 4th nation to launch  
a manned spaceflight mission after  
the US, Russia and China

# Gaganyaan Mission



**Context:** Despite missing the 2022 target to send a “son or a daughter of India to space from Indian soil by an Indian vehicle, ISRO has made substantive progress in the mission.

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Human Rated Launch Vehicle



Dimension	Description
<b>Objectives</b>	To launch three crew members (including a women) into low Earth orbit and bring them back safely to Earth. Demonstrate the capability to send humans into space. Develop and test the technologies required for human spaceflight.
<b>Launch Vehicle</b>	Human Rated LVM3 (HLVM3) (GSLV Mk III derived)
<b>Module</b>	The Orbiter Module consists of the Crew Module (CM) (habitable space for the crew) and the Service Module (SM)— powered by two liquid propellant engines
<b>Trial</b>	Three flights will be sent into orbit. There will be two unmanned flights and one human spaceflight.
<b>Launch Site</b>	Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh
<b>Duration of Mission</b>	It will circle Earth at a low-earth-orbit at an altitude of 300-400 km from earth for 5-7 days.
<b>Collaborations</b>	Collaboration with Russia's Roscosmos State Corporation for Space Activities. France's CNES (National Centre for Space Studies) is also a partner in the mission
<b>Significance</b>	Once accomplished, India will become the fourth country in the world to launch a human space flight mission after the US, Russia and China.

## IN BRIEF



## Lying third, Aditi Ashok eyes historic win on LPGA Tour

Aditi Ashok moved up to tied third and within one shot of the lead at the 2023 Cognizant Founders Cup in Clifton (New Jersey) as she bids to become the first Indian to win on the LPGA Tour. Aditi was 7 under 137 and one shot behind co-leaders Australian Sara Kemp (65) and Korea's Jin Young Ko (68).

## Garcia sent packing in Rome by qualifier Osorio

Caroline Garcia became the latest big hitter to be dumped out of the Italian Open after the World No. 4 lost 6-4, 6-4 to outsider Camilla Osorio. On a soaking day in Rome, qualifier Osorio almost broke down in tears after her shock straight-sets victory over Garcia, a two-time doubles winner at the French Open. A career-best win for Osorio puts her in the last 16 of a WTA 1000 event for the first time in her career. Sixth-seeded Andrea Rublev, meanwhile, beat Alex Molcan 6-3, 6-4.

**Results: Men: Second round:** Rublev bt Molcan 6-3, 6-4. **Women: Third round:** Osorio bt Garcia 6-2, 6-4, 7-5. Osorio bt Garcia 6-4, 6-4; Kalina bt Kenin 6-4, 6-2.

## LIVE TELECAST

**Badminton:** Sudirman Cup, Sports 18-1 (SD & HD) & Jio Cinema App, 7:30 a.m. & 2:39 p.m.

**Cricket vs Bangladesh:** 1st ODI, FanCode, 3:15 p.m.

**IPL:** Star Sports 1 (SD & HD) & Jio Cinema App, 3:30 & 7:30 p.m.

**Sarita & Jio Cinema App:** 4 p.m.; Sports 18-1 (SD & HD) & Jio Cinema App, 6:30, 9:30 p.m. & 12:15 a.m. (Monday)

**LaLiga:** Jio Cinema App, 5:30 p.m.; Sports 18-1 (SD & HD) & Jio Cinema App, 7:45, 10 p.m. & 12:30 a.m. (Monday)

**Premier League:** SS Select 2 (SD & HD) & Hotstar, 6:30 & 9 p.m.

**Sundevils:** Sony Sports Ten 2 (SD & HD) & LIV, 7 & 9 p.m.

## CSK up against KKR, looks to consolidate

Dhoni's men have the upper hand, having won 18 of the last 27 meetings between the two sides



Success Formula! Dhoni, whose batting has been sensational at the death, could be sharing a tip or two with Rayudu during practice. S. RAJU

## IPL-16

Avan Acharya

CHENNAI

Chennai Super Kings has little to complain about after a great IPL 2023 campaign so far, but will have to be wary of a volatile Kolkata Knight Riders outfit in its last home game of the league on Sunday.

CSK has had the upper hand over KKR, having won 18 of the last 27 meetings between them. Kolkata must be feeling

the after-effects of the brutal takedown by Yashvati Jaiswal just three nights ago.

Meanwhile, Super Kings reaffirmed their status as title contenders with a 27-run win over the Delhi Capitals at the M.A. Chidambaram Stadium. The surface used for that match was a traditional slow pitch.

With the league stage now winding to a close, expect Sunday's wicket to play similarly. Any score higher than 190 could end up being a winning total. Dhoni has been sensa-

tional for CSK at the death, smacking 78 off 35 against fast bowlers in seven innings. He has been relatively quiet against spin, collecting 18 off 12.

Varun Chakravarthy has dismissed Dhoni three times in four innings, with the latter averaging 3.66 against him. KKR could consider holding back an over of Varun for the death. A win will push CSK closer to a playoff spot.

Knights Riders, who have won three of their last five, need to depend on other results going in their favour.

## Bopanna &amp; Ebden in last 16

Sports Bureau

Seventh seeds Rohan Bopanna and Matthew Ebden reached the pre-quarterfinals with a 6-3, 7-6(6) win over Federico Anshaboli and Gianmarco Ferrari in the €8,637, 966 ATP tennis in Rome on Saturday.

**Other results: €73,000 Challenger, Francavilla at Mare, Italy: Doubles (semifinals):** Nicolas Pietrangeli (C) & Axel Bellar (U) bt Luca Margaroli (S) & Purav Raja 6-3, 6-4.

**\$15,000 ITF women, Monastir, Tunisia: Doubles (semifinals):** Salma Drogdova & Kuznetsova (S) bt Sharmada Balu & Lucie Wargnier (J) 7-6(4), 6-4.



## India begins against Chinese Taipei

SUDIRMAN CUP

Press Trust of India

CHENNAI

Star shuttlers P.V. Sindhu and H.S. Prannoy will look to hit top gear as the Indian badminton team begins its campaign at the BWF Sudirman Cup with a blockbuster clash against a formidable Chinese Taipei here on Sunday.

India has been placed along with Malaysia, Chinese Taipei and Australia in Group 'C' with the two top teams qualifying for the knockout stage.

The Indian team, which qualified for the prestigious event after claiming bronze at the Asian Badminton Championships in

Dubai last month, will have its task cut out when it faces a strong Chinese Taipei team, led by Olympic silver medalist Tai Tzu Ying.

**Sindhu the key**  
A lot will depend on Sindhu as she is expected to face former World No. 1 Tai Tzu, who has proved to be a nemesis for her, having lost 17 times in 22 meetings so far.

World No. 9 Prannoy too will face a tough battle as he is likely to be pitted against World No. 5's Chou Tien Chen. The two have played eight times so far with Chou winning five times. However, Prannoy had success against the Taipei player, having beaten him twice in last three meetings, all in 2022.

## India bests Hong Kong to finish fifth

Sports Bureau

Rethin Pranas and Krishi Tyagi won their singles matches to help India beat Hong Kong 2-0 in the match for the fifth place in the Asia-Oceania Junior Davis Cup under-16 tennis tournament in Szymkent, Kazakhstan, on Saturday.

Japan beat Korea 2-0 in the final to emerge the champion.

Host Kazakhstan, Thailand apart from Japan and Korea qualified for the World Group competition to be staged later in Europe.

**The results: Fifth place: India bt Hong Kong 2-0 (Rethin Pranas bt Ngai Kai Cheung 6-2, 6-0; Krishi Tyagi bt Jacob Shan 7-5, 6-0).**

## Bangladesh wins last-over thriller against Ireland

Associated Press

CHELMSFORD (ENGLAND)

Mushfiqur Rahim finished the chase that Naimul Hossain Shanto started for Bangladesh to win a thrilling ODI against Ireland in the last over at Chelmsford, England.

**The scores:** Ireland 310/8 in 40 overs (Harry Tector 140, George Dockrell 74 n.o.) lost to Bangladesh 320/7 in 44.3 overs (Naimul Hossain Shanto 117, Towhid Hridoy 64, Mushfiqur Rahim 36 n.o.). (Bangladesh bats with three balls to spare, least three-match series 2-0).



Grant Bradburn.

## Bradburn appointed Pakistan's head coach

Associated Press

ISLAMABAD

Former New Zealand international Grant Bradburn was appointed as Pakistan's head coach on a two-year contract on Saturday.

The 56-year-old Bradburn had been serving as Pakistan's interim head coach during the white-ball home series against New Zealand.

## Ankit honours the memory of his father and basketball coach Rajesh Patel



Ankit Patel (second from left) with family, champion Tamanna Takoria at the tennis tournament in memory of his father Rajesh. SPECIAL ARRANGEMENT

Kamlesh Srinivasan

NEW DELHI

Ankit Patel is one of the bright tennis coaches in the National Capital Region. A current member of the Indian team for Junior Davis Cup, Aarjun Pandit has been groomed by the 35-year-old Ankit.

Sandeep Singh Rao is another player developed by Ankit. Tavish Pathwa, a talented under-14 player, is shaping up nicely under the tutelage of Ankit.

A great basketball coach, who had worked wonders with the Chhattisgarh women's team, the late Rajesh Patel had pushed his son, Ankit from basketball into tennis. The senior Patel died while travelling from one national basketball tournament to another in 2018.

While the family runs a basketball coaching centre and grows 120 girls at the Rajesh Patel Sports Complex in Bhalai, Ankit conducts a tennis tournament every year in the memory of his father.

"My dad was a one-man army. He was a basketball coach, fitness trainer, yoga teacher. He was also a math and commerce teacher. He had three degrees - M.A., M. Com and LLB. He was a gold medalist in basketball coaching at the NIS. His day started at 5 a.m. and ended at 9 p.m. From 2019 till date the family is managing all the expenses of running the basketball academy. My mother Anita and brother Rohit take care of the centre," said Ankit.

Hundreds of girls were trained by Rajesh over two decades, and many made a career at the national and international level.

"My wife Mrudula was trained by my dad. She played in the Asian under-18 championship. Like all his students, she was also attached to him. She was the one who gave me the idea to do a memorial tournament," said Ankit.

"The games may be different, but Ankit has grasped the good points from his father to be an efficient

and successful coach. "My father did not believe in the old military style of coaching. He was more friends with the players and helped them to play their best, giving them conviction in the method. He always emphasises on discipline, dedication, hard work, self belief and good attitude. He demanded 100% concentration on court," observed Ankit.

The good work of Rajesh continues in Bhalai. Last year D. Kiran played in the Asian under-18 championship. Moni Adia played in the Asian under-16 championship in Jordan.

Ankit not only coaches talented players, he also competes in the ITF Masters circuit, making it to the finals most of the time, with his strong game and excellent court craft.

The family guides basketball and tennis players with equal felicity, based on strong fundamentals developed by Rajesh during his sterling career, entirely devoted to sports.

THE FANS.  
THE PASSION.  
THE EMOTION.  
THE CRAZE.  
THE SPIRIT OF THE GAME.  
SOME THINGS IN SPORTS NEVER CHANGE.

FOR EVERYTHING THAT IS CHANGING.  
AND FOR EVERYTHING THAT HAS NOT.

COMING SOON

SPORTSTAR



Grant Bradburn.

REUTERS

## Bradburn appointed Pakistan's head coach

**Associated Press**

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# Text & Context

THE HINDU

**NEWS IN NUMBERS**

**The huge margin with which Cong. won in 12 seats in Karnataka**

**50,000** votes. With a vote share of 75% and with a huge margin of over one lakh votes, Congress chief D. K. Shivakumar defeated his closest rival B. Nagaraja of Janata Dal-Secular. **IN**

**The State Ministers who lost in Assembly election of Karnataka**

**14** Ministers, Infrastructure Development Minister, S. Somanna who contested from Varuna and Chamara Nagar, and Irrigation Minister Govind Karil, who contested from Mudhol were among the Ministers who lost the Karnataka Assembly election. **IN**

**Voters who opted for NOTA in the latest Karnataka election**

**2.6** lakh voters. Many voters who exercised their franchise in the Karnataka polls used the 'none of the above' (NOTA) option, according to Election Commission. NOTA voters form 0.7% of the nearly 3.44 crore people who came out to vote. **IN**

**Himachal Pradesh to cover hectares of land for orange production**

**1,800** hectares. The proposal was made by the Himachal Pradesh government under the HP Subtropical Horticulture, Irrigation and Value Addition (SHIVA) project funded by the Asian Development Bank. **IN**

**Germany announces military aid package for Ukraine**

**3** In 5 billion. Germany will provide Ukraine with military aid, including tanks, anti-aircraft systems and ammunition, according to the government. The announcement came before President Zelenskyy's visit to Germany. **IN**

COMPILED BY THE HINDU DATA TEAM

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## The nutritional value of millets

**Why are millets popular sources of nutrition? What are the different parts of a millet kernel? How are nutrients in millets affected by processing and polishing? Can millets thrive in harsh, resource-poor conditions?**

**EXPLAINER**

Vasudevan Mukunth

**The story so far:** The UN Food and Agriculture Organization (FAO) has declared 2023 to be the 'International Year of Millets', giving these crops a shot in the arm even as countries worldwide are looking to them for their ability to grow in environmental conditions that the climate crisis is rendering more common. Millets are becoming more popular in India as well because of their low input requirements and high nutritional density, both of which are valuable for a country whose food security is expected to face significant challenges in the coming decades. However, the consumption of millets face one threat that has already overtaken India's major food crops — grain processing.

**What are millets?**

Millets are fundamentally grasses. They are cultivated worldwide, but especially in the tropical parts of Africa and Asia, as cereal crops. Some of the more common varieties include pearl millet (*Cenchrus americanus*), barnyard millet (*Echinochloa utilis*), finger millet (*Eleusine coracana*), and foxtail millet (*Setaria italica*).

There is both palaeontological and textual evidence to indicate that millets were being cultivated in the Indian subcontinent five millennia ago.

According to the Agricultural and Processed Foods Development Authority, India is the world's largest producer of millets. In 2021-2022, the country accounted for 40.53% of the world's pearl millet production and 8.09% of sorghum. Within the country, pearl millet made up 60% of all the millet production, sorghum 27%, and ragi 1%.

Sorghum (*Sorghum bicolor*), adlay millet (*Cola latyrus* jobb), and teff (*Eragrostis tef*), among others, are grasses that differ in some respects from millets but are grouped together with them.

**Why are they sought after?** Millets have two broad features that render them attractive — their nutritional value being comparable to that of major extant food crops (and better on some counts) and their ability to reliably withstand harsh, resource-poor conditions. They are drought-tolerant, adapted to growing in warm weather, and require low moisture (consequently, they are particularly efficient consumers of water) and loamy soil. They don't grow well in water-logged or extremely dry which might occur after heavy rainfall or particularly bad droughts, respectively. Nonetheless, millets have the upper hand over crops like rice and maize with more drought-like conditions expected in many parts of the world, including the newly realised prospect of 'flash droughts'. That being said, millets don't absorb better growing conditions, and respond positively to higher moisture and nutrient content in the soil.

According to the M.S. Swaminathan Research Foundation, millets also "thrive on marginal land in upland and hilly regions"; marginal land is land whose rent is higher than the value of crops that can be cultivated there.

**Are millets nutritious?**

The nutritional content of millets include carbohydrates, proteins, fibre, amino acids, and various minerals. Different millet varieties have different nutrient profiles. For example, pearl millet — one of the oldest cultivated varieties — has



**IN ABUNDANCE:** A farmer smoothes away pecking birds around a millet farm at Molamadai in Telangana on the outskirts of Hyderabad on April 22, 2023. **ANAND GOPIN**

**The makeup of millets compared to major extant crops**

A February 2022 study summarised the nutritive contents of millets, relative to rice, wheat, and maize, as follows:



been found to have higher protein content than rice, maize, and sorghum, while being comparable to that of barley. According to various studies, foxtail millet is rich in the amino acid lysine; finger millet has more crude fibre than wheat and rice; proso millet has a significant amount of the amino acids leucine, isoleucine, and methionine; and overall, millets have been found to be important sources of micronutrients and phytochemicals.

**Where are the nutrients stored?**

According to a paper published in 2021 in the journal *Agriculture & Food Security*, each millet kernel consists of three major parts, called pericarp, endosperm, and germ. The pericarp has an outer covering called the husk. The husk and the pericarp together protect the kernel from inopportune conditions, disease, and physical damage. The endosperm is the largest part of the kernel and its 'storage' centre. It has a protein covering called the aleurone. According to an FAO article about sorghum, the endosperm is "relatively poor in mineral matter, ash and oil content" but "a major contributor to the kernel's protein (80%), starch (64%) and B-complex vitamins (10-75%)". Similarly, pearl millet has a relatively larger germ, which is "rich in oil (32%), protein (19%)

and ash (10.4%); plus "over 72% of the total mineral matter". This is why, according to various experts, millets deserve to be included in people's diets. But whether they're actually included depends on the availability of "delicious products to satisfy the taste, providing knowledge on nutritional and health facts on millets, and improving accessibility," as per a 2021 study.

**How does processing affect the nutrient?**

Processing and preparing millets for consumption can affect nutrients in three ways — enhance them, suppress/remove them, and ignore them. In this context, 'whole grain' refers to the endosperm, germ, and bran (pericarp + aleurone) whereas 'refined grain' refers only to the endosperm. The husk is removed from the grains because it is composed of cellulosic matter that the human body cannot digest. But at least one study has found that when this is done to pearl millets, their phytic acid and polyphenol contents drop. (On the other hand, a paper published in 2023 found that millet husk could be briquetted and used as household fuel, and potentially alleviate energy poverty in north Nigeria.) The second common step is to

**THE GIST**

Millets are fundamentally grasses. They are cultivated worldwide, but especially in the tropical parts of Africa and Asia, as cereal crops. Some of the more common varieties include pearl millet (*Cenchrus americanus*), barnyard millet (*Echinochloa utilis*), finger millet (*Eleusine coracana*), and foxtail millet (*Setaria italica*).

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Processing and preparing millets for consumption can affect nutrients in three ways — enhance them, suppress/remove them, and ignore them.

The second common step is to

decolorate the grain that is, remove any other outer covering and expose the seed. While studies have found that mechanical and hand-worked decoloration did not have significant effects on the grain, they both removed crude and dietary fibre. But decoloration also makes the grain more edible and visually attractive, which are favourable factors when marketing them to urban centres. The typical next steps are milling, to grind the grains into flour, and sieving to remove large 'impurities', including bran. One 2012 study of finger millet found that whole-flour had a high content of "total polyphenols and flavonoids" while sieving made the flour more digestible and its nutrients more accessible to the body. However, it also reduced nutrient content due to the loss of bran. On the other hand, according to the February 2022 study, germination and fermentation — in which the grains are soaked in water for an extended duration — "showed a positive improvement in the overall nutritional characteristics of millets".

**What is the effect of polishing?** A frequent last step is polishing. The longer the grains were milled, the more protein, fat, and fibre contents the process removed. A different 2012 study found that barnyard millet could be polished with a rice polisher for up to three minutes without significant nutrient loss. Polishing is the process whereby brown rice, for example, is changed to white rice by rubbing off the bran and the germ. A 2012 study in the *Journal of Cereal Science* assessed the effects of polishing in the nutritive value of two major Asian rice varieties — indica and japonica. Using a combination of precision abrasive polishing, plasma mass spectrometry, and fluorescence microscopy, they found that polishing removed 8.10% of grain weight and also removed 69.80% of iron, magnesium, phosphorus, potassium, and manganese in both varieties. The loss of bran also compromised the grains' fibre content. Yet rice polishing is considered desirable because, as per a 2009 study, most consumers favour the resulting taste and texture and prefer shorter cooking time, and retailers want longer shelf-life, which can be achieved by removing the bran.

# Himachal Pradesh to cover hectares of land for orange production

**1,800** hectares. The proposal was made by the Himachal Pradesh government under the HP Subtropical Horticulture, Irrigation and Value Addition (SHIVA) project funded by the Asian Development Bank. PTI

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Horticulture sector is proving helpful in strengthening the economy of the people of Himachal Pradesh by generating various sources of income. Presently 2.34 lakh hectare area is under horticulture in the state.

In the last four years, 31.40 lakh metric tonnes of fruits have been produced in the state. The average annual income of the horticulture sector during this period was Rs. 4575 crore and on an average 9 lakh people are getting direct or indirect employment in this sector. The contribution of the state to the global horticulture market has increased manifold in the recent years.

Implemented in collaboration with the Asian Development Bank for a total cost of Rs. 975 crore, the government's contribution in this project is Rs. 195 crore. So far, the Himachal government has provided Rs. 48.80 crore for the implementation of the project, out of which Rs. 37.31 crore has been spent.

Under this project, Asian Development Bank mission finalized Project Readiness Financing for Rs. 75 crore for pilot testing of four fruits namely guava, litchi, pomegranate and citrus fruits in 17 clusters of 12 development blocks of four districts covering total of 200 hectares of area.

Citrus industry in India is the third largest fruit industry of the country after mango and banana. India ranks ninth among top orange producing countries contributing 3% to the world's total orange production.

भारत में साइट्रस उद्योग आम और केले के बाद देश का तीसरा सबसे बड़ा फल उद्योग है। विश्व के कुल संतरा उत्पादन में 3% योगदान देने वाले शीर्ष संतरा उत्पादक देशों में भारत नौवें स्थान पर है।

Madhya Pradesh produced 41.24% of oranges, Punjab produced approximately 23% of the oranges and Maharashtra produced approximately 15% of the oranges as per 2017-18 data.

मध्य प्रदेश ने 41.24% संतरे का उत्पादन किया, पंजाब ने लगभग 23% संतरे का उत्पादन किया और महाराष्ट्र ने 2017-18 के आंकड़ों के अनुसार लगभग 15% संतरे का उत्पादन किया।

- 
1. Brazil is ranked at first position among all nations in terms of orange production. Brazil produced 22% of the total orange in the world.
  2. China and India ranks 2nd and 3rd in Orange production.

- संतरा उत्पादन के मामले में ब्राजील सभी देशों में पहले स्थान पर है। ब्राजील दुनिया में कुल संतरे का 22% उत्पादन करता है।
- संतरे के उत्पादन में चीन और भारत दूसरे और तीसरे स्थान पर हैं।

From Page One
New CLP asks Kharge to pick next Karnataka CM

Former Maharashtra CM Sushil Kumar Shinde and AICC general secretaries Jitendra Singh and Deepak Babaria presided over the CLP meeting as central observers. After the CLP meeting concluded with a unanimous one-line resolution being passed, the observers met each of the 135 MLAs individually and sought their choice for the chief ministerial post. This would be collated and handed over to the high command for further action, said sources.

The CLP meeting on Sunday evening was preceded by intense lobbying by both leaders seeking the support of MLAs. The lobbying acquired a caste tinge when the prominent Vokkaliga sector of Adichunchanagiri Math, Nirmalandanatha Swam, openly backed Mr. Shivakumar to be made Chief Minister, just minutes before the CLP meeting.

Calling for a "reward" for the hard work put in by Mr. Shivakumar, the seer of the Math said, "It is a tradition that whoever is the president of the party is also given responsibility to lead the State when the party comes to power. D.K. Shivakumar, from the Vokkaliga community, should become the Chief Minister of the State. He is eligible to lead the State in every way."

10 die after consuming
industrial liquor in T.N.

The villagers started falling ill after consuming it. They were rushed to the Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER) and the Pondicherry Institute of Medical Sciences (PIMS).

"Though Indian-made foreign liquor (IMFL) is mostly smuggled into the district from Pudukkottai, the demand for the illicitly distilled arak has been on the rise. This demand has spurred an illegal network of officials and bootleggers that operates with impunity," a source said.

Director-General of Police C. Sylendra Babu ordered the suspension of Inspectors Arun Vadivel Azhagan (Marakkannam) and Maria Sobi Manjula (Kottakuppam-Prohibition Enforcement Wing); sub-inspectors Deepan (Marakkannam) and Sivagurunathan (PEW) in connection with the Villupuram incident.

In Cheralpattu district, Melmaruvathur inspector Prem Anand, Siddhanoor sub-inspector Mohanasundaram and PEW sub-inspector Ramesh were suspended.

Six special police teams have been formed to establish the illicit distillation-based brew, which Amaran (25 of Marakkannam, since arrested), procured in sachets and supplied to the victims in Villupuram.

Mr. Babu said two persons, Annamavali and Ravi, have been arrested in connection with the serious liquor tragedy in Cheralpattu.

Those who died on Sunday have been identified as Sankar (55), Dharanivel (60), Suresh (65), Rajamoorthy (55), Malariyathi (56), and Mannanandi (65), all belonging to Ekkoyarkuppam village.

Mr. Babu told The Hindu that commissioners and superintendents have been ordered to conduct checks at vulnerable locations that had a history of spurious liquor or sale. The menace of illegal distilleries has been contained to a large extent and the brewing was reported in some parts of the State bordering Pudukkerry and Karaiikal, he said.

Shed in jaggery unit set
ablaze in T.N., four
migrants sustain burns

A migrant worker from Odisha and three others from Chhattisgarh sustained burns after unidentified persons set a temporary shed ablaze in a jaggery manufacturing unit in Nandiyandi village in Tamil Nadu in the early hours of Sunday.

The condition of T. Rakesh, 19, of Odisha, admitted with over 80% burns to the Government Medical College Hospital in neighbouring Karur district, is critical. The incident comes against the backdrop of locals accusing migrant workers of raping and killing a woman in the district two months ago.

Meanwhile, Director-General of Police C. Sylendra Babu transferred the case to the Crime Branch-CD. Sources said the decision followed a demand from some political parties.

The police said the workers were sleeping in the shed at the jaggery unit belonging to Mathaswamy of Saralamedu at Adarpapalayam, when it was set afire.

Govt. nod for
4th Positive
Indigenisation
List for DPSUs

The Hindu Bureau
NEW DELHI

Continuing the efforts to minimise imports by defence public sector undertakings (DPSUs), the Defence Ministry has approved the fourth Positive Indigenisation List (PIL) of 928 strategically important line items, spares and components, including high-end materials and spares, with an import substitution value of 725 crore, a Ministry statement said on Sunday.

The DPSUs will soon initiate procurement action for these notifiable items. The industry may look for expression of interest (EOI) request for proposal (RFP) on the Sri-jan portal dashboard, especially designed for this purpose, and may come forward to participate in large number," the statement said.

This fourth list is in continuation of the previous three indigenisation lists which were published in December 2021, March 2022 and August 2022, respectively.

With Bommai out
and PTR shifted, GST
GOMs may need rejig

Outgoing Karnataka CM chaired a GST Council group on rationalisation of rate structures, while former Tamil Nadu FM was part of two groups

Vikas Dhot
NEW DELHI

There will be change of guard in the GST Council after the Assembly election in Karnataka and the shuffling of the Tamil Nadu Ministry have triggered the need for the Goods and Services Tax (GST) Council to reconstitute at least three ministerial panels tasked with recommending critical reforms of the indirect tax regime.



Basavaraj Bommai

Basavaraj Bommai, who resigned as Chief Minister of Karnataka on Saturday, was the chairperson of the GST Council's Group of Ministers (GoM) tasked with the rationalisation of the GST's complex rates system with multiple tax slabs.

The panel, formed in September 2022, met in Karnataka for a two-month deadline. With inflation running high through 2022-23 and remaining a concern, the government has been going slow on the GST rate rationalisation agenda. Sweeping structural changes would likely mean higher tax rates for several items.

Mr. Bommai's exit from power will mean the Council will have to appoint a new convener for the panel, which also had ministers from six other States, including Kerala Finance Minister K.N. Balagopal.

Palanivel Thiaga Rajan, the former Finance Minister and current IT Minister of Tamil Nadu, who was al-

so involved in two of the GoMs, will most likely be replaced by the new State Finance Minister Thangam Thangarasa.

Political changes Usually, a Minister from the same State is added into the GST Council panels due to any changes in State governments, but there have been occasions when this principle has not been followed.

Incidentally, erstwhile Bihar Deputy Chief Minister Taxidhore Prasad was also part of the GoM convened by Mr. Bommai, but there has been no official communication of any of the member being included in the panel after August 2022 when Mr. Prasad exited.

The panel is also tasked with proposing corrections to the inverted duty structures that had crept into the Goods and Services Tax regime.

to bolster its chances and combat the anti-incumbency trend attached to a four-term Chief Ministership.

However, in the case of former Chief Minister of Rajasthan Vasundhara Raje, the lessons from Karnataka are coming in handy. Ms. Raje is acknowledged as the BJP's first leader with a pan-State presence but has not excelled in the central equation with the national leadership in New Delhi.

She has clashed with Home Minister Amit Shah over the retention of State unit chief and prevailed as well.

The earlier thinking in New Delhi was that with its tradition of alternation, Rajasthan will be voting the BJP back to power. The

party, by clever ticket distribution and headwinds of anti-incumbency against the Ashok Gehlot government, has its choice on who to project in the election.

Karnataka and Mr. Yeddyurappa's fate has brought up those plans short. Ms. Raje has been actively campaigning against the Gehlot government for a year or more and her show of strength in March on her birthday was a signal that she still a strong force in State politics.

All elections are different, but on a basic level are popularity contests. Karnataka election has reinforced that lesson for the BJP, with surprising benefits to some leaders north of the Vindhyas.

Centre announces
Praveen Sood as
new CBI Director

Vijalita Singh
NEW DELHI

Karnataka's Director-General of Police (DGP) Praveen Sood was appointed Director of the Central Bureau of Investigation (CBI) on Sunday, according to an order of the Department of Personnel and Training.

The key appointment will see Mr. Sood at the helm of affairs of the investigating agency during the 2024 Lok Sabha election.

Mr. Sood - who has never served with either the CBI or the Union government - was not empanelled as DGP at the Centre, but he was among the original panel of officers shortlisted for the job.

An official said that the empanelment at the Centre will not apply in the case of the CBI Director, unlike in the case of other Central government appointments, as he or she derives powers under the Delhi Police Special Establishment Act, 1946.

"Approval of the Competent Authority is hereby conveyed to the appointment of Shri Praveen Sood,



Praveen Sood

IPS (K-86) as Director, Central Bureau of Investigation (CBI) for a period of two years from the date of assumption of charge of the office vice Shri Subhoj Kumar Jaiswal, IPS (MH-85) consequent upon completion of his tenure," the order said.

Mr. Sood's name was finalised on Saturday by a three-member panel comprising Prime Minister Narendra Modi, Chief Justice of India D.Y. Chandrachud, and Leader of Opposition in the Lok Sabha Adhir Ranjan Chowdhury.

The two-year fixed tenure of the present incumbent Subhoj Kumar Jaiswal is coming to an end on May 25.

After loss in Karnataka, BJP has to rethink on
role of its leaders in Rajasthan, Maharashtra

Nistula Shebar
NEW DELHI

The Bharatiya Janata Party's defeat in Karnataka has given much food for thought for the party's national leadership, including the rationalisation of regional satraps in Rajasthan and Madhya Pradesh, which are going to the polls in a matter of months.

The BJP's base in Karnataka is being seen as one of the main reasons for its defeat and the rather disappointing tally.

In this scenario, there are many within the party who want to rethink on the



BJP supporters during an election rally by Prime Minister Narendra Modi during the Karnataka Assembly election. (1)

his image and the BJP's central leadership in Karnataka and Madhya Pradesh. In Madhya Pradesh, Chief Minister Shivraj Singh Chaudhary is the incumbent, and the next election will be fought on his record. There have been attempts to reinvent

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SC to hear
appeal in
Jaipur blast
case on May 17

The Hindu Bureau
NEW DELHI

The Supreme Court will hear on Wednesday an appeal filed by relatives of the victims of the 2008 Jaipur blast against a Rajasthan High Court decision to acquit four men who were on death row.

Mohammad Saif, Mohammad Salamat, Saifur and Mohammad Sarwat Aazi were awarded death penalty in December 2019.

A fifth accused, Shahbaz Hussain, had also been acquitted. Jaipur was rocked by a series of blasts on May 11, 2008. The explosions left 71 people dead and 185 injured.

With 6.9% year-on-year growth, goods
exports rise to \$451 billion in 2022-23

Vikas Dhot
NEW DELHI

India's goods exports for 2022-23 scaled up significantly from earlier estimates to almost \$451 billion, indicating a 6.9% year-on-year growth, with exports for March upgraded sharply to a nine-month high of \$41.9 billion, as per Commerce Ministry data.

Initial estimates for March had pegged exports at \$38.58 billion, marking a 34.4-2 billion, and revised numbers signal on a 6% contraction. The

\$41.9 billion exports made March only the second month of 2022-23 to cross the \$40-billion mark after February. The rise in March's import figure was offset by \$1.7 billion contraction in November 2022's import tally, that was initially pegged at \$58.2 billion, then revised upwards and sharply to a nine-month high of \$55.95 billion.

Total exports were initially pegged at \$447.46 billion as per data released on April 15, but revised to \$444.2 billion, as per a Ministry statement on May 1. This figure has now been

raised to \$450.95 billion. Similarly, the import bill as per revised data was pegged at \$71.85 billion from the initial estimate of \$74.24 billion. In total, export numbers were initially pegged at \$375.61 billion from their initial estimates through 2022-23, with four months setting \$3, with four months setting \$3 billion upward revision.

While experts have flagged petroleum shipments as the main driver for the \$38.58 billion, marking a \$44.4-2 billion, as per a Ministry statement on May 1. This figure has now been

SOUTHERN RAILWAY
TENDER NOTICE No.
01-DCE-GEN-INDU-2023-01
For supply of...

INDIAN RAILWAYS
RAILWAY ELECTRIFICATION
TENDER NOTICE No.
01-DCE-GEN-INDU-2023-01
For supply of...

KMML - The Kerala Minerals and Metals Ltd.
TENDER NOTICE
Supply, installation, testing and commissioning of...

Indian Space Research Organisation
SATESH DHAWAN SPACE CENTRE SHAR
ADDITIONUM
Please refer to advertisement No. SDCS SHAR/MT/02/2023 dated 26/04/2023...

INDIAN RAILWAYS
RAILWAY ELECTRIFICATION
TENDER NOTICE No.
01-DCE-GEN-INDU-2023-01
For supply of...

# With 6.9% year-on-year growth, goods exports rise to \$451 billion in 2022-23

**Vikas Dhoot**

NEW DELHI

India's goods exports for 2022-23 scaled up significantly from earlier estimates to almost \$451 billion, indicating a 6.9% year-on-year growth, with exports for March upgraded sharply to a nine-month high of \$41.9 billion, as per Commerce Ministry data.

Initial estimates for March had pegged exports at \$38.38 billion, marking a sharp 13.9% decline, but revised numbers signal only a 6% contraction. The

\$41.9 billion exports made March only the second month of 2022-23 to cross the \$40-billion mark after \$42.3 billion in outbound shipments last June.

The Ministry, which will be releasing the initial estimates for April's merchandise trade on Monday, also revised March's import bill to over \$60 billion, the highest in 2023, raising its initial estimate of imports during the month by \$1.9 billion.

However, the overall import bill for 2022-23 remained unchanged at

\$714.04 billion, a 16.5% rise from 2021-22, compared to \$714.24 billion reported initially. The rise in March's import figure was offset by \$1.7 billion correction in November 2022's import tally that was initially pegged at \$58.2 billion, then revised upwards and finally pared to \$56.95 billion.

Total exports were initially pegged at \$447.46 billion as per data released on April 15, then revised to \$444.2 billion, as per a Ministry statement on May 1. This figure has now been

raised to \$450.95 billion. Similarly, the import bill as per the May 1 statement was pegged at \$711.85 billion, from the initial estimate of \$714.24 billion. Overall, export numbers were revised by over \$25 billion from their initial estimates through 2022-23, with four months seeing a \$3 billion-plus upward revision.

While experts have flagged petroleum shipments as the main driver for the high revisions of recent export data, the revision in import numbers needs further scrutiny.

## Netherlands India's 3rd top exports destination

THE NETHERLANDS HAS emerged as India's third largest exports destination after the US and UAE during 2022-23 on account of a surge in shipment of goods such as petroleum products, electronic items and chemicals. India's trade surplus with the Netherlands has also increased from \$8 billion in 2021-22 to \$13 billion in 2022-23.

PTI



- 
- India's overall exports projected to scale new heights, growing at 13.84 percent during FY 2022-23 over FY 2021-22 to achieve USD 770.18 billion worth of exports.

Merchandise exports have registered highest ever annual exports of USD 447.46 billion with 6.03% growth during FY 2022-23 surpassing the previous year (FY 2021-22) record exports of USD 422.00 billion.

Services export lead the overall exports growth and projected to set a new record annual value of USD 322.72 billion with growth rate at 26.79 percent during FY 2022-23 over FY 2021-22.

वित्त वर्ष 2021-22 की तुलना में वित्त वर्ष 2022-23 के दौरान 13.84 प्रतिशत की वृद्धि के साथ भारत का कुल निर्यात 770.18 बिलियन अमेरिकी डॉलर मूल्य का निर्यात हासिल करने का अनुमान है।

व्यापारिक वस्तुओं के निर्यात ने वित्त वर्ष 2022-23 के दौरान 6.03% की वृद्धि के साथ 447.46 बिलियन अमेरिकी डॉलर का उच्चतम वार्षिक निर्यात दर्ज किया है, जो पिछले वर्ष (वित्त वर्ष 2021-22) के 422.00 बिलियन अमेरिकी डॉलर के रिकॉर्ड निर्यात को पार कर गया है।

सेवा निर्यात समग्र निर्यात वृद्धि का नेतृत्व करता है और वित्त वर्ष 2021-22 की तुलना में वित्त वर्ष 2022-23 के दौरान 26.79 प्रतिशत की वृद्धि दर के साथ 322.72 बिलियन अमेरिकी डॉलर का एक नया रिकॉर्ड वार्षिक मूल्य निर्धारित करने का अनुमान है।

		2022-23 (USD Billion)	2021-22 (USD Billion)
<b>Merchandise</b>	Exports	447.46	422.00
	Imports	714.24	613.05
<b>Services*</b>	Exports	322.72	254.53
	Imports	177.94	147.01
<b>Overall Trade (Merchandise+ Services) *</b>	Exports	770.18	676.53
	Imports	892.18	760.06
	Trade Balance	<b>-122.00</b>	<b>-83.53</b>



# Prraneeth is India's 82nd Grandmaster

**CHESS**

**V.V. Subrahmanyam**

HYDERABAD

V. Prraneeth became Telangana's sixth and India's 82nd Grandmaster when he outwitted GM Hans Niemann of the US in the penultimate round of the Baku Open 2023. The win against the top seed helped Prraneeth cross Elo 2500 in live ratings, 2500.5 to be exact.

The 15-year-old Prraneeth earned his first GM-norm at the First Saturday tournament in March 2022 where he also became an IM. He earned his second GM-norm at Biel MTO in July 2022. Nine months later, he earned his final GM-norm at the second Ches-sable Sunway Formentera Open 2023.



V. Prraneeth.

“One year back, though I had a decent game I was getting into time pressure. But, now slowly improving in this regard,” Prraneeth said. “I was trained by N.V.S. Ramaraju Sir till 2021 before hiring Israel GM Victor Mekhalevski and he is helping me a lot in analysing games,” the Intermediate first year student of Vishwa Chaitanya College said.

“It is good to see so many young GMs from India

Open 2023.

“One dream is fulfilled. It is an unforgettable moment in my career,” a visibly delighted Prraneeth told *The Hindu* on Sunday. “Though it is part of my journey to some of the bigger goals, it is a very significant milestone,” he said.

“The immediate targets are crossing Elo 2500, then 2700. Obviously, the ultimate goal is to win the World Championship which I know is not that easy but I will not be found wanting in terms of effort and hard work,” the youngster said.

ny young GMs from India and I feel this helps Indian chess in a big way,” said the young player who admires Magnus Carlsen and Anatoly Karpov.

“The next big event for me is the Asian Continental championship in Kazakhstan and I hope to do well,” he said.

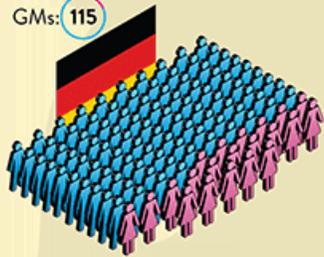
“Definitely, looking for some kind of sponsorship as you all know it is very challenging to train and compete at the highest level because a lot of travelling is involved. Hope the GM title will get me a sponsor,” Prraneeth added.

# COUNTRIES WITH MOST CHESS GRANDMASTERS

## GERMANY

pop: 83M

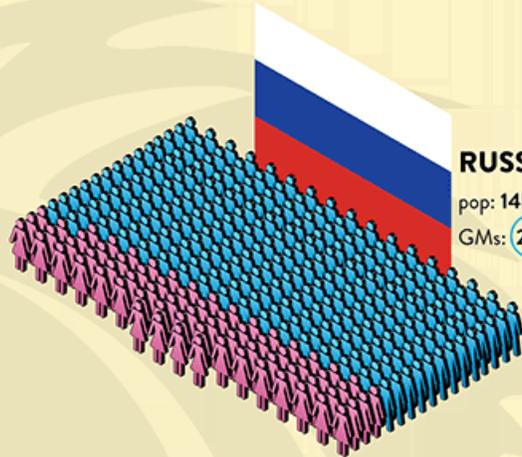
GMs: 115



## RUSSIA

pop: 145M

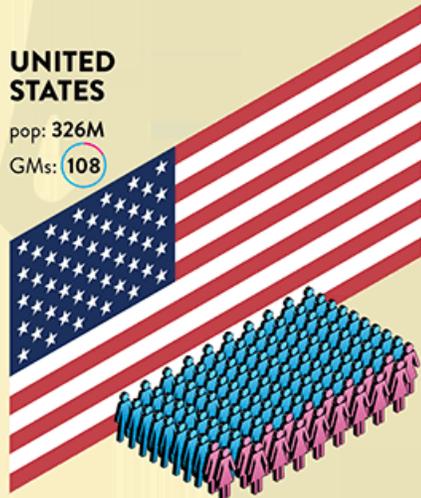
GMs: 293



## UNITED STATES

pop: 326M

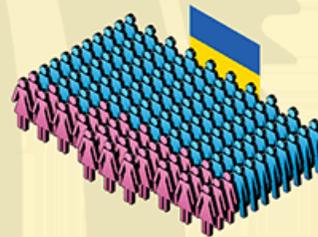
GMs: 108



## UKRAINE

pop: 42M

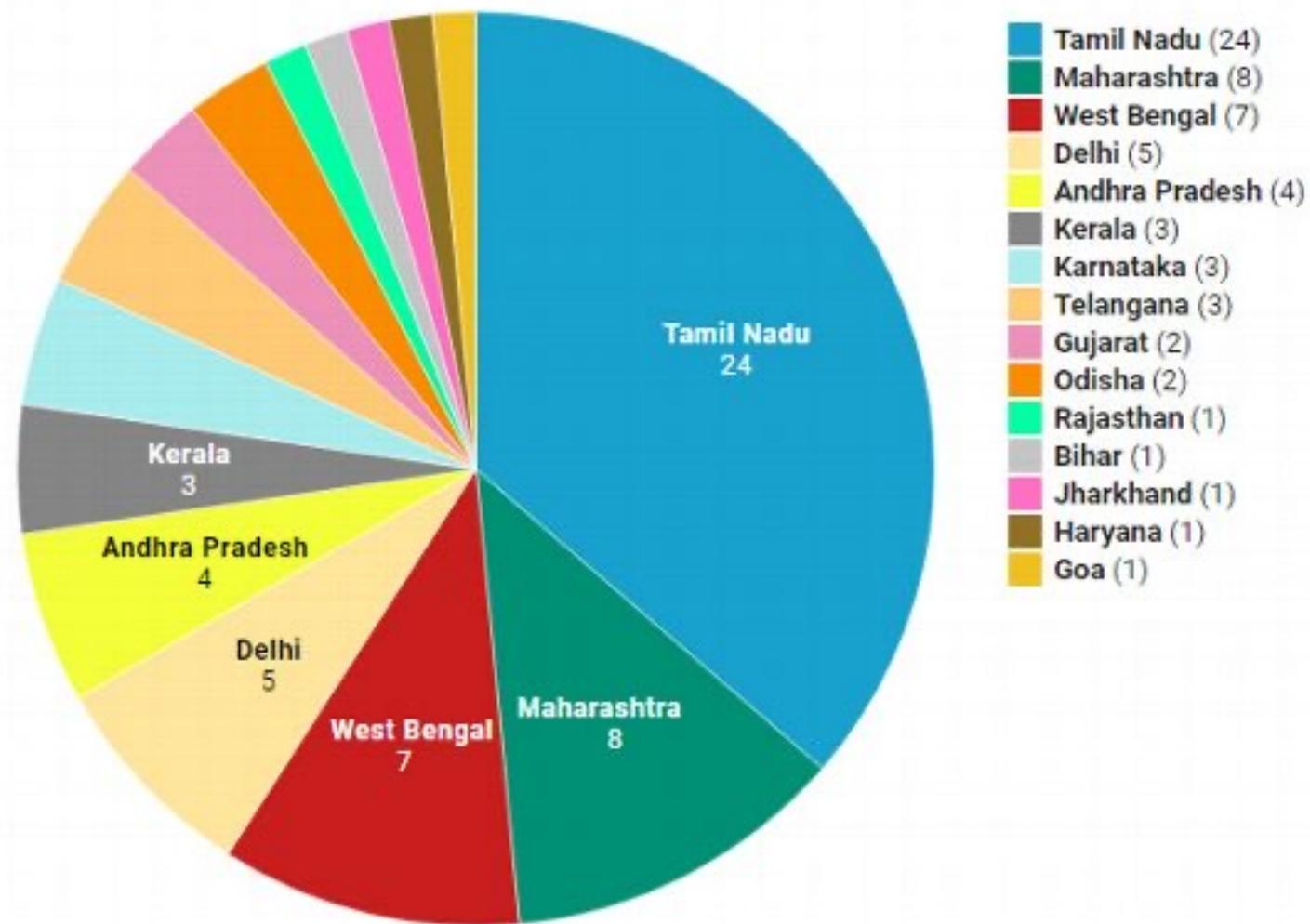
GMs: 113



\* Country flags are relative to population sizes.  
\*\* Women figures represent those who hold the Grandmaster and/or the Woman Grandmaster titles.

## WHERE THEY COME FROM

State-wise break up of India's Grandmasters



# Tihar Jail SP gets notice for moving 3 inmates to Delhi ex-minister's cell

**MAHENDER SINGH MANRAL**  
NEW DELHI, MAY 14

THE JAIL administration has issued a show-cause notice to the superintendent of Tihar jail no. 7 for moving three men to the cell of former Delhi minister Satyendar Jain on the latter's request. Lodged in the jail since last year following his arrest in a corruption case, Jain had submitted an application on May 11, requesting to change his cell, citing depression and doctor's advice for more social interactions. "Jain in his application said he is feeling depressed and low because of loneliness. The psychiatrist suggested him for more social interactions with at least two more persons. He also provided two persons' names," an officer said, citing the application. On May 12, seven inmates were transferred, three of them to Jain's cell by the superintendent of jail no. 7. Director General (Prisons) Sanjay Bernal told The Indian Express that a show-cause notice was issued to the jail superintendent, and the inmates have been transferred back to their respective cells. The departmentation was taken after the prison head-quarters came to know about the transfer of inmates. Bernal said, "There should be a proper procedure before allowing any inmate's issue. There is also a security issue... The jail su-

Satyendar Jain sought company in cell, cited 'depression'

perintendent should not transfer anyone with him [Jain] without discussing with the jail administration." The CBI had registered a case against Jain in August 2017 under the Prevention of Corruption Act, and a year later, filed a chargesheet against him, his wife, and four of his associates in a disproportionate assets case. Following this case, the ED had previously attached movable properties worth Rs 4.81 crore belonging to Jain and his wife. Jain's Infotronics Pvt Ltd, Mangalayan Projects Pvt Ltd, and J Ideal Estate Pvt Ltd. Jain was arrested by the Enforcement Directorate (ED) on May 30, 2022. In March this year, the ED, probing a 2017 money laundering case against Jain, pointed to his conduct and "influence" in Tihar jail before the Delhi High Court to argue that he had received "preferential treatment". The substantiation was made before a bench of Justice Dinesh Kumar Sharma by ED's counsel advocate Zohab Hossain, referring to a chart that contained photographs of CCTV footage showing that Jain "received foot massages from some persons".

**IDEA EXCHANGE**  
An action with a cloud of bias would affect the common man's belief in parliamentary democracy.  
**RAHUL NARVEKAR**  
LEGISLATIVE ASSEMBLY  
PAGE 12

**EXPRESS NETWORK**  
**SPURIOUS LIQUOR KILLS 5 IN TN, 1 HEAD TODDLER KILLED IN LEOPARD ATTACK**  
PAGE 6

# Cong MLAs authorise Kharge to choose next Karnataka CM

**SIDDARAMAIAH, SHIVAKUMAR**  
front-runners for CM's post

**No agreement yet between the two front-runners on shared tenure**

**AKRAMM**  
BENGALURU, MAY 14

A DAY AFTER Congress swept the Assembly polls in Karnataka, the 110 newly-elected Congress MLAs met in Bengaluru Sunday evening and passed a one-line resolution authorising AICC president Mallikarjun Kharge to choose the leader of Congress Legislature Party (CLP). The resolution came amidst sloganeering by supporters of state party presidential candidates Shivakumar and senior Congress leader Siddaramaiah who had gathered outside the hotel where the MLAs were in a meeting to select the CLP leader and thereby the new Chief Minister of Karnataka. AICC general secretary in charge of Karnataka, Randeep Surjevala said the resolution authorising the AICC president was moved by Siddaramaiah and was endorsed by all the newly-elected legislators of the party. "The process of seeking opinions of individual legislators will start next," he said. The views of MLAs would be conveyed to the party high command AICC general secretary Kharge. Kharge said he would be gathering individual opinion of MLAs and would be completed today (Sunday) itself. Earlier during the day, Kharge had deputed former Maharashtra Minister Sushilkumar Shinde, Jitendra Patil, Information Secretary Deepak Bahari, former General Secretary as observers for the

**CONG HIGH COMMAND**  
to take final decision now

**Karnataka Congress chief D K Shivakumar cuts a cake as an early birthday celebration at a hotel in Bengaluru on Sunday after the CLP met. Shivakumar turns 61 on Monday.**

# Hurting BJP prospects: 10 aides of BSY who won on Opp tickets

**JOHNSON TA**  
BENGALURU, MAY 14

THE LAST TIME BJP lost Karnataka after being in power for a full term was in 2013. A key damaging factor then was internal squabbles that led to the oust of Lingayat leader B S Yeddyurappa who then floated the Karnataka Janata Party (KJP). The KJP vote share was under 10 per cent (3.75 per cent) and it had won just six seats in the 226-member Assembly in 2013, but this sank the BJP in as many as 26 seats it had won in 2008 in the Lingayat belts, where the party went on to form its first government in south India. In the recently concluded Assembly polls, a phenomenon linked to the Lingayat leader Yeddyurappa played a crucial and direct role in the BJP's losses in at least 10 seats in the central Karnataka region. Though Yeddyurappa did not exit the BJP, he was expelled from the party. In the recently concluded Assembly polls, a phenomenon linked to the Lingayat leader Yeddyurappa played a crucial and direct role in the BJP's losses in at least 10 seats in the central Karnataka region. Though Yeddyurappa did not exit the BJP, he was expelled from the party.

**BUSINESS AS USUAL**  
By UNNY  
Lila who is the owner of the coffee shop.  
**APURVA VISHWANATH**  
BENGALURU, MAY 14  
Contested from Bhatkal, got 1,500 votes.  
ITS seat tally halved, its vote share down by almost 27%, the shrinking of the Janata Dal (Secular) in this assembly election is stark. For one of its candidates, it's a double blow.  
Contesting on a JD(S) ticket from Bhatkal, advocate Nageswara Babu, standing up barely 1,500 votes, less than 1 per cent of the votes polled.  
This came weeks after the Supreme Court quashed his conviction.  
**RELATED REPORTS**  
PAGES 5, 11

# Manipur CM meets Shah in Delhi amid Kuki disquiet in state

**LIZ MATTHEW & ESHA ROY**  
NEW DELHI, MAY 14

DAYS AFTER clashes erupted across Manipur between the state's majority Meitei community and the Kuki-Zomi tribes, leading to at least 60 deaths, Chief Minister N Biren Singh arrived in the national capital along with four of his senior-most ministers and met Union Home Minister Amit Shah Sunday evening. Singh and his ministers discussed the law and order situation in Manipur with Shah, sources said. The Chief Minister was accompanied by state ministers Govindas Konthoujam, Th. Biswajit Singh, Surinam Khemchand Singh and Basanta Kumar, along with Manipur BJP chief A. Shaiba Devi and Rajya Sabha MP Sarajabha Leishemba, the titular king of Manipur. Sources said the BJP central leadership, including Singh in Delhi, taking into consideration the political developments in the aftermath of the clashes. With tension still simmering

Manipur CM Biren Singh

between the two communities in the state, the BJP leadership is treading cautiously in handling the situation, they said. Amidst the demands for a leadership change are getting louder, especially from the Kuki MLAs and the community, the party leadership has not yet decided on the matter. "The central leadership is not at all happy with the developments in the state and the way the Chief Minister handled it. But the party leadership is not in favour of a sudden reaction to the demands (for change of guard)," said a source. "The party leadership is also conscious of its current position

# PM-led panel picks Karnataka DGP Sood as next CBI Director

**MAHENDER SINGH MANRAL & KIRAN PARASHAR**  
NEW DELHI, BENGALURU, MAY 14

THE HIGH-POWERED selection committee headed by Prime Minister Narendra Modi has appointed Karnataka DGP Pooja Sood as Director of the Central Bureau of Investigation (CBI) for a period of two years. He will take charge from Subodh Kumar Nigam, who completes his tenure on May 25. Sood's appointment was announced in an order issued by the Ministry of Personnel, Public Grievances and Pensions on Sunday, a day after the Congress emerged as the winner in the

Manipur CM Biren Singh  
Will take charge on May 25  
Karnataka Assembly elections. A 1986 batch IPS officer of the state cadre, Sood was appointed Karnataka DGP in January 2020, succeeding Ashit Mohan Prasad, who was from the previous batch. Incidentally, in March this

# As Govt pushes ONDC as e-com's UPI equivalent, industry not sure

**SOUMYARENDRA BIRK**  
NEW DELHI, MAY 14

A MIXED messaging by the Centre directing e-commerce companies and food delivery players to join its digital commerce network has left the industry perplexed. Some players like Flipkart and Zomato are trying to set up step down subsidiaries to join the government-backed Open Network for Digital Commerce (ONDC), but some other big ones such as Amazon and Swiggy have chosen to stay away so far. The looming question, and one which both the government and the industry do not necessarily share the same views, is whether ONDC can be a success without the participation of the very entities whose hold over the e-commerce market it is trying to challenge. And, industry

as a Section 8 not-for-profit company with many financial institutions as stakeholders, have bailed themselves as the UPI moment of e-commerce, but some analysts and industry executives have raised doubts if the government-backed entity can match efficiencies of a streamlined e-commerce operation with a service interface that has multiple moving parts - from order to delivering goods, and from handling returns to grievances. Further complicating the issue is the government's own statements on how it wants to roll out ONDC. In March, the Commerce Ministry said that ONDC will help small retailers from the "onslaught" of big tech companies. And just a month later, everyone - big and small, global or national - was invited to "pitch on to the ONDC bandwagon". Then there was a

players, who do not wish to come on record, say there is a variety of players in the market, and that ONDC set out to beat in the first place. Backers of ONDC, registered

# I killed in clash over Insta post in Akola; prohibitory orders clamped

**EXPRESS NEWS SERVICE**  
MUMBAI, MAY 14

ONE PERSON was killed and eight others injured after a clash broke out between groups from two different religions over a social media post in Maharashtra's Akola district Sunday night, police said. Prohibitory orders under Section 144 of the Criminal Procedure Code (CrP) were clamped across the district following the incident.

According to the police, the clash took place around 10.30 pm. The police have registered two separate cases of rioting against 100-odd people at Old City police station in Akola and arrested 28 people from both communities. The police said another case under Section 295 (A) (Outraging religious sentiments) and Section 153(A) (promoting

**MOCHA MAKES LANDFALL**  
A man moves to a relief shelter as cyclone Mocha hit Teknaf, Bangladesh, Sunday. At least three people were killed in Myanmar, where the cyclone made landfall. **PAGE 10**

**THE WORLD**  
**EARLY TRENDS IN TURKEY ELECTIONS INDICATE PRESIDENT ERDOGAN LEADING**  
PAGE 10

**PAGE 1 ANCHOR**  
**KANDIP**  
SOTTAYAM (KERALA), MAY 14

AT SHINY'S house in Kottayam district's Eranjal, where the Sunday neighbourhood congregation of 'Kudumbashree' is scheduled, 25 women are expressed into her narrow hall. Some are even sprawled on a floor. A member rattles out a week-long Malayalam proverb, roughly translated as, "If there is unity, you can even sleep on a penny." As Kudumbashree completes 25 years of its formation on May 12, it is now arguably the largest

women's collective in the world, with its members involved in a variety of streams, from farming to catering, waste collection to tailoring, running hotels to matrimonial agencies, making street lights to reusable sanitary napkins, engaged in organic farming and 'micro-business' run by micro-enterprises (31,589 individual and 17,611 group enterprises). So ubiquitous that in every half a kilometre in Kerala, you bump into a Kudumbashree initiative. What began as a poverty eradication vehicle, conceived by the E.K.Nayanar-led 12th government and initiated under the

State Poverty Eradication Mission (SPEM), has not only achieved its primary mission long ago, but has also emerged as a symbol of social alleviation in the state and changed the lives of nearly 50 lakh women. A moonsoon perhaps has a better metaphor for the state than us, says Shiny. According to the 2021 National Multidimensional Poverty Index (that captures, among other things, standards of monetary poverty), only 0.71 per cent of Kerala's population is multidimensionally poor, the lowest in the country. Before Kudumbashree, the poverty ra-

Shahida P started the Kudumbashree Janakeeya Hotel in Kottayam after her husband lost his job. **SANDIP C**

to rural and urban Kerala was 75 per cent and eligible for bank loans. These loans address the members' immediate financial needs. The state then supplies grants, subsidies and administrative support. Banks provide loans to members at low interest rates. The credit collected by NHGs in Kerala, according to Kudumbashree's website, is Rs 5,786.69 crore and internal loans generated are to the tune of Rs 852.45 crore. However, Kudumbashree's biggest contribution has been the way it has changed the lives of its members using the group's savings. Subsequently, NHGs are graded. Once they meet the criteria, they are eligible for bank loans. These loans address the members' immediate financial needs. The state then supplies grants, subsidies and administrative support. Banks provide loans to members at low interest rates. The credit collected by NHGs in Kerala, according to Kudumbashree's website, is Rs 5,786.69 crore and internal loans generated are to the tune of Rs 852.45 crore. However, Kudumbashree's biggest contribution has been the way it has changed the lives of its members using the group's savings. Subsequently, head, Shahida P, tells a regular that the box run out of beef fry. "I will keep a plate for you to long ago, but has also emerged as a symbol of social alleviation in the state and changed the lives of nearly 50 lakh women. A moonsoon perhaps has a better metaphor for the state than us, says Shiny. According to the 2021 National Multidimensional Poverty Index (that captures, among other things, standards of monetary poverty), only 0.71 per cent of Kerala's population is multidimensionally poor, the lowest in the country. Before Kudumbashree, the poverty ra-

Police personnel at the site of a clash in Akola, Maharashtra, Saturday night. Two cops were among the eight injured. **P7**

enrity between different groups on grounds of religion, race, place of birth, residence, language, etc., and doing acts prejudicial to maintenance of harmony) was registered at Raichaspet police station **CONTINUED ON PAGE 2**

against a youth for sharing an objectionable post on Instagram, police in Kottayam, one of the 1,200-odd Kudumbashree-run centres in Kerala. The "beef fry area block-buster" across Kerala, thanks to the subsidised rates. A full meal with six dishes costs Rs 20, a plate of sardine fry Rs 40 and beef fry Rs 70. For each plate, they get a subsidy of around Rs 10 from the government. After her husband, a daily-wage labourer, lost his job, Shahida P started the Kudumbashree Janakeeya Hotel in Kottayam after her husband lost his job. **SANDIP C**



# Upcoming coastal road in Mumbai to be named after Sambhaji

**VALLABH OZARKAR**

MUMBAI, MAY 14

THE UNDER-CONSTRUCTION Mumbai Coastal Road will be named after Chhatrapati Sambhaji Maharaj and a statue of the 16th-century Maratha warrior will be constructed on the coastal highway, said Maharashtra Chief Minister Eknath Shinde on Sunday.

Meanwhile, in a tweet, Deputy CM Devendra Fadnavis shared a letter he had written to the chief minister on March 16, requesting to name Bandra-Versova Sealink after freedom fighter Vinayak Damodar Savarkar and the Mumbai Trans Harbor Link (MTHL) after former Prime Minister late Atal Bihari Vajpayee.

The announcement by the chief minister on the coastal road was made on the occasion of Chhatrapati Sambhaji Maharaj Jayanti festival organised at the Gateway of India.

“We will name the coastal highway, which will be the new

lifeline of Mumbai, after Chhatrapati Sambhaji Maharaj. We will also construct a grand statue of Sambhaji Maharaj on the road that will keep his memory alive,” Shinde said at the event organised to celebrate the 366th birth anniversary of Sambhaji Maharaj, the eldest son of Chhatrapati Shivaji Maharaj.

Hours after the announcement came, Fadnavis tweeted disclosing the letter he had written to the CM on March 16, requesting names for the three key infrastructure projects.

“Chief Minister Eknathrao Shinde today announced the decision to name the coastal road in Mumbai after our ideal Dharmaveer, Swarajya Rakshak Chhatrapati Sambhaji Maharaj. I thank him for that,” Fadnavis said in his tweet.

He also attached the copy of the letter he wrote, which read, “Many important infrastructure works are going on in the state and it is important to name it after great personalities of equally exemplary personalities.”

MUMBAI

# Coastal Road



# **BMC TARGETS COMPLETION OF PROJECT BY 2023-END**



# PROJECT COMPLETION REPORT

## OVERALL



**Dec 2018** | Work begins with jetty and site office constructions, along with soil testing

**Nov 2023** | Expected completion

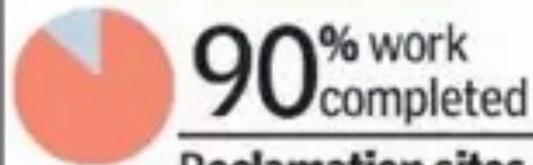
**9.98 km**

Coastal road's length



This is the end-to-end length of the road minus that of three interchangers

## RECLAMATIONS



**Reclamation sites** |

Girgaum Chowpatty, Priyadarshani Park at Napeansea Road, Bhulabhai Desai Road (Breach Candy), Haji Ali, Worli Seaface



111 hectares | Total area to be reclaimed

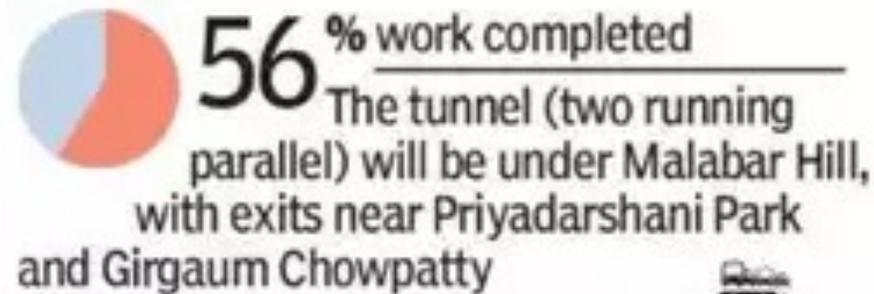
## INTERCHANGERS

**Much of the work is over**

**16 km** | Length of interchangers. Added to the coastal road proper, the total project road length comes to about 26 km

**Sites** | Breach Candy (near Tata Garden), Haji Ali, Worli

## TUNNEL



**3+3 lanes** | In either direction, two lanes would be for vehicles and one for emergencies



# Nepal sherpa becomes world's second to scale Everest 26 times

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**GOPAL SHARMA**

KATHMANDU, MAY 14

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A NEPALI sherpa guide climbed Mount Everest for the 26th time on Sunday, hiking officials said, becoming the world's second person to achieve the feat.

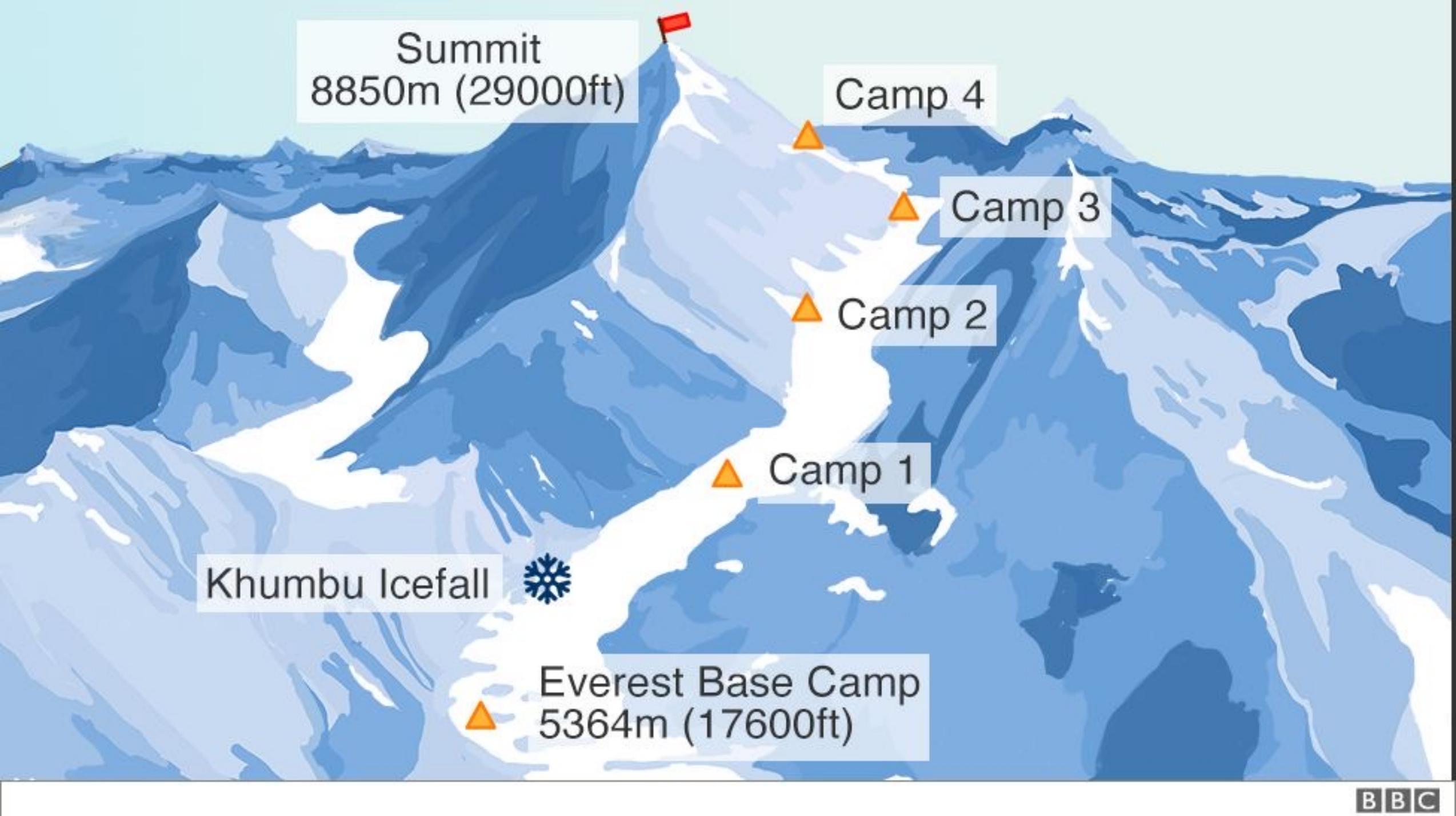
Pasang Dawa Sherpa, 46, stood atop the 8,849-m peak, sharing record number of summits with Kami Rita Sherpa, said Bigyan Koirala, a Nepal tourism official.

Kami Rita, who is also climbing on Everest now, could set another record if he makes it to top.

Pasang Dawa reached the top with a Hungarian client, said an official of his employer Imagine Nepal Treks, a hiking company.

"They are descending from the top now and are in good shape," official, Dawa Futi, told *Reuters*.

**REUTERS**



Summit  
8850m (29000ft)

Camp 4

Camp 3

Camp 2

Camp 1

Khumbu Icefall ❄️

Everest Base Camp  
5364m (17600ft)

**Mt Everest summit** —○  
8,849m

4



3



2



Khumbu  
glacier

1



○  
**Base Camp**  
5,364m

**Gorak Shep**  
5,150m



# EVEREST

BASED ON THE TRUE STORY





- The Tibetan name is Chomolungma, which means “Mother Goddess of the World.” The Nepali name is Sagarmatha, which has various meanings.

- तिब्बती नाम चोमोलुंगमा है, जिसका अर्थ है "विश्व की देवी।" नेपाली नाम सागरमाथा है, जिसके विभिन्न अर्थ हैं।

- The [1924 expedition](#) resulted in one of the greatest mysteries on Everest to this day: [George Mallory](#) and [Andrew Irvine](#) made a final summit attempt on 8 June but never returned, sparking debate as to whether they were the first to reach the top.
- 1924 का अभियान एवरेस्ट पर आज तक के सबसे महान रहस्यों में से एक के रूप में परिणत हुआ: जॉर्ज मैलोरी और एंड्रयू इरविन ने 8 जून को शिखर सम्मेलन का अंतिम प्रयास किया, लेकिन कभी वापस नहीं आए, इस बहस को छिड़ गया कि क्या वे शीर्ष पर पहुंचने वाले पहले व्यक्ति थे।

- Tenzing Norgay and Edmund Hillary made the first documented ascent of Everest in 1953, using the southeast ridge route.
- In 1849, the British survey wanted to preserve local names if possible (e.g., Kangchenjunga and Dhaulagiri), and Andrew Waugh, the British Surveyor General of India argued that he could not find any commonly used local name, as his search for a local name was hampered by Nepal's and Tibet's exclusion of foreigners.
- तेनजिंग नोर्गे और एडमंड हिलेरी ने 1953 में दक्षिणपूर्व रिज मार्ग का उपयोग करके एवरेस्ट की पहली प्रलेखित चढ़ाई की।
- 1849 में, ब्रिटिश सर्वेक्षण यदि संभव हो तो स्थानीय नामों को संरक्षित करना चाहता था (जैसे, कंचनजंगा और धौलागिरी), और भारत के ब्रिटिश सर्वेयर जनरल एंड्रयू वाँ ने तर्क दिया कि स्थानीय नाम की खोज के रूप में उन्हें कोई सामान्य रूप से इस्तेमाल किया जाने वाला स्थानीय नाम नहीं मिला। नेपाल और तिब्बत द्वारा विदेशियों के बहिष्कार से बाधा उत्पन्न हुई थी

- he decided that Peak XV should be named after British surveyor [Sir George Everest](#), his predecessor as Surveyor General of India.
- Everest himself opposed the name suggested by Waugh and told the [Royal Geographical Society](#) in 1857 that "Everest" could not be written in [Hindi](#) nor pronounced by "[the native of India](#)".
- Waugh's proposed name prevailed despite the objections, and in 1865, the Royal Geographical Society officially adopted Mount Everest as the name for the highest mountain in the world

- उन्होंने फैसला किया कि पीक XV का नाम ब्रिटिश सर्वेक्षक सर जॉर्ज एवरेस्ट के नाम पर रखा जाना चाहिए, जो उनके पूर्ववर्ती भारत के सर्वेयर जनरल थे।
- एवरेस्ट ने खुद वाँ द्वारा सुझाए गए नाम का विरोध किया और 1857 में रॉयल ज्योग्राफिकल सोसाइटी को बताया कि "एवरेस्ट" को हिंदी में नहीं लिखा जा सकता है और न ही "भारत के मूल निवासी" द्वारा उच्चारित किया जा सकता है।
- आपत्तियों के बावजूद वाँ का प्रस्तावित नाम प्रबल रहा, और 1865 में, रॉयल ज्योग्राफिकल सोसाइटी ने आधिकारिक रूप से माउंट एवरेस्ट को दुनिया के सबसे ऊंचे पर्वत के नाम के रूप में अपनाया।

# Phone stolen or lost? From next week, a govt system can help find it

**PRESS TRUST OF INDIA**

NEW DELHI, MAY 14

PEOPLE WILL be able to block and track their lost or stolen mobile phones across India with the rollout of a tracking system by the government this week, a senior government official said.

Pilot runs of the CEIR (Central Equipment Identity Register) system has been carried out in some telecom circles, including Delhi, Maharashtra, Karnataka, and North East region. "CEIR system is scheduled for pan-India launch on May 17," a DoT official said.

Rajkumar Upadhyay, the CEO of the Centre for Department of Telematics which has been running the pilots, did not confirm the date but said the technology is ready for pan-India deployment. "The system is ready and now it will be deployed across India in this quarter," he said.

CDoT has been able to add features to check the use of cloned mobile phones across all telecom networks.

The government has made it mandatory to disclose IMEI of mobile devices before their sale in India. Mobile networks will have access to the list of approved IMEI numbers which will check entry of unauthorised phones on their network. Telecoms and the CEIR system will have visibility into IMEI number of the device and mobile number linked to it, and the information is being used in some states to track lost or stolen mobiles through CEIR.

"One of the common practices is that miscreants change IMEI number of stolen mobile phones which prevents tracking and blocking of such handsets. It was a national security issue. The CEIR will be able to block any cloned mobile phones on the network with the help of various databases," Upadhyay said.

# Enforcement Directorate



Recently, the Centre has informed the Supreme Court (SC) that the tenure of the **Chief of Enforcement Directorate (ED)** will not continue in office beyond November 2023.

हाल ही में, केंद्र ने सर्वोच्च न्यायालय (एससी) को सूचित किया है कि प्रवर्तन निदेशालय (ईडी) के प्रमुख का कार्यकाल नवंबर 2023 से आगे जारी नहीं रहेगा।

- What is the Issue?
- In November 2021, the [President of India](#) issued two ordinances allowing the tenure of the **Director of the ED** to be extended from two years to up to five years, with the possibility of three annual extensions.
- This move was upheld by the SC, which allowed the extension of ED Chief but only in **rare and exceptional cases** for a short period.

- मामला क्या है?
- नवंबर 2021 में, भारत के राष्ट्रपति ने दो अध्यादेश जारी किए, जिसमें तीन वार्षिक विस्तार की संभावना के साथ ईडी के निदेशक के कार्यकाल को दो साल से बढ़ाकर पांच साल करने की अनुमति दी गई थी।
- इस कदम को सुप्रीम कोर्ट ने बरकरार रखा, जिसने ईडी प्रमुख के विस्तार की अनुमति दी लेकिन केवल दुर्लभ और असाधारण मामलों में ही छोटी अवधि के लिए।

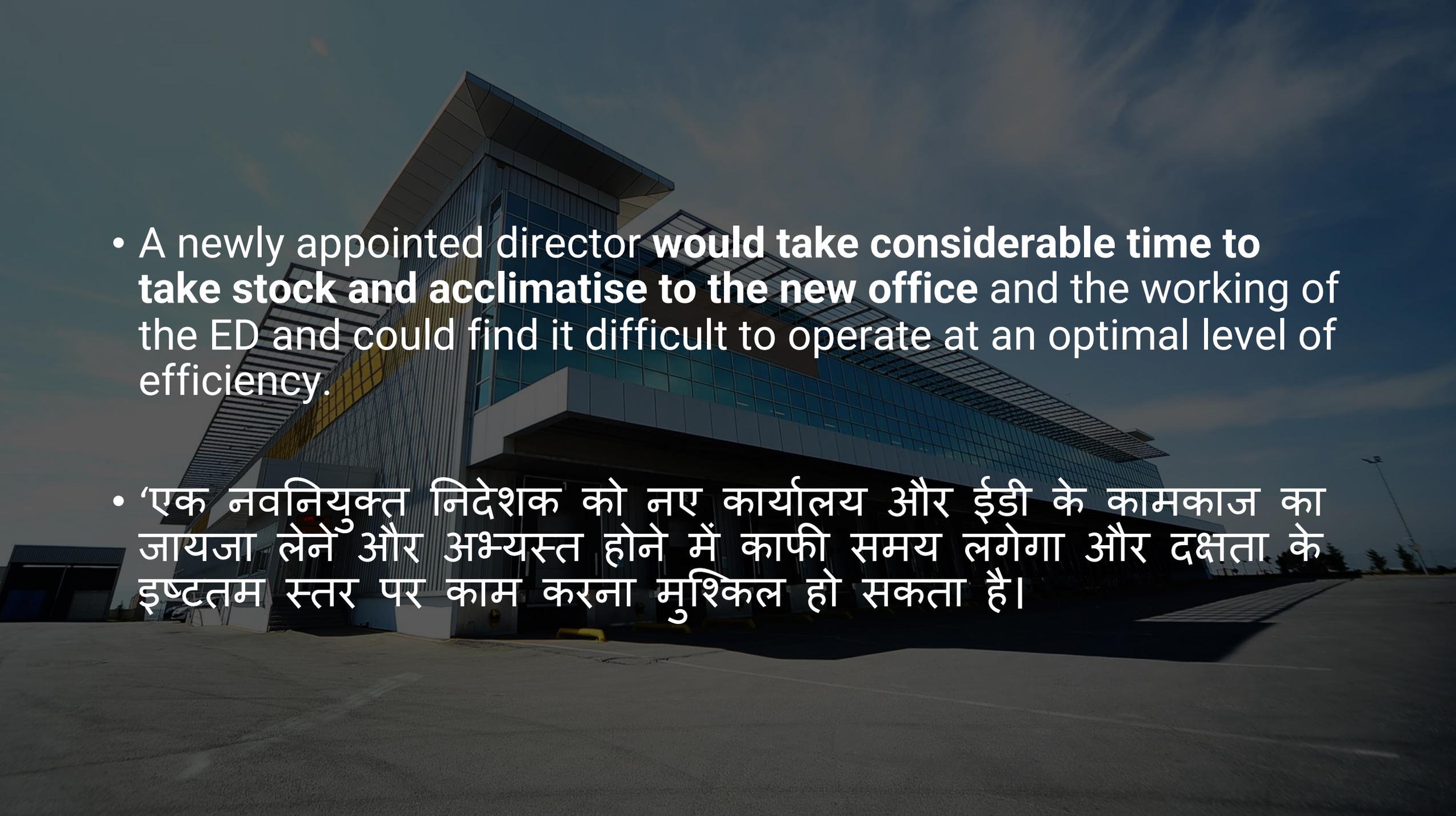


- The SC stated that there is no restriction on the Central Government's power to appoint the ED beyond a two-year period. Additionally, they clarified that the phrase "not less than two years" in **Section 25(d) of the Central Vigilance Commission Act, 2003** should not be interpreted to mean "**not more than two years.**"
- The court said, "there is no fetter on the power of the Central Government in appointing the Director of Enforcement beyond a period of two years".
- SC ने कहा कि दो साल की अवधि से परे ED को नियुक्त करने की केंद्र सरकार की शक्ति पर कोई प्रतिबंध नहीं है। इसके अतिरिक्त, उन्होंने स्पष्ट किया कि केंद्रीय सतर्कता आयोग अधिनियम, 2003 की धारा 25(डी) में वाक्यांश "दो वर्ष से कम नहीं" का अर्थ "दो वर्ष से अधिक नहीं" के रूप में नहीं समझा जाना चाहिए।
- अदालत ने कहा, "दो साल की अवधि से अधिक की अवधि के लिए प्रवर्तन निदेशक नियुक्त करने में केंद्र सरकार की शक्ति पर कोई बंधन नहीं है"।

The Union Finance Ministry stated in an affidavit that extension in the term of the director of ED was **necessitated from the administrative standpoint wherein continuity of the head of the organisation is required for several cases which are at crucial juncture** and require historical knowledge and background for supervision of such cases.



केंद्रीय वित्त मंत्रालय ने एक हलफनामे में कहा कि ईडी के निदेशक के कार्यकाल में विस्तार प्रशासनिक दृष्टिकोण से आवश्यक था, जिसमें संगठन के प्रमुख की निरंतरता कई मामलों के लिए आवश्यक है जो महत्वपूर्ण मोड़ पर हैं और पर्यवेक्षण के लिए ऐतिहासिक ज्ञान और पृष्ठभूमि की आवश्यकता है ऐसे मामलों की।

- 
- A newly appointed director **would take considerable time to take stock and acclimatise to the new office** and the working of the ED and could find it difficult to operate at an optimal level of efficiency.
  - 'एक नवनियुक्त निदेशक को नए कार्यालय और ईडी के कामकाज का जायजा लेने और अभ्यस्त होने में काफी समय लगेगा और दक्षता के इष्टतम स्तर पर काम करना मुश्किल हो सकता है।'

- This decision has been challenged in the SC again, as some are questioning the legality of **extending the tenure beyond what was previously deemed acceptable** by the court. The case is currently pending.
- इस फैसले को फिर से सुप्रीम कोर्ट में चुनौती दी गई है, क्योंकि कुछ लोग कार्यकाल को अदालत द्वारा पहले स्वीकार्य समझे जाने वाले समय से आगे बढ़ाने की वैधता पर सवाल उठा रहे हैं। मामला फिलहाल विचाराधीन है।



What is the ED?

The ED is a **multi-disciplinary organization** mandated with investigation of offences of [money laundering](#) and violations of foreign exchange laws.

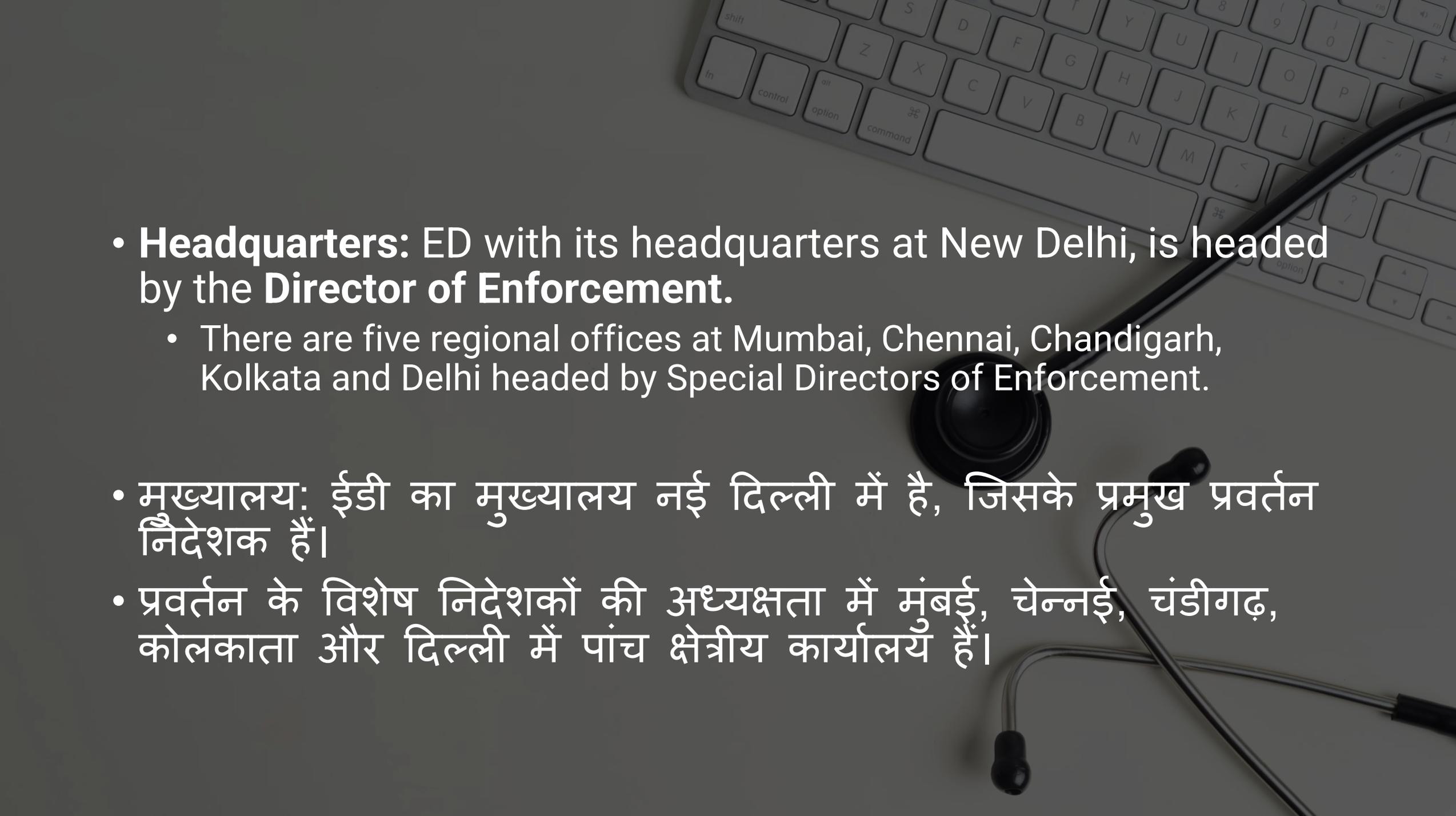
- It functions under the Department of Revenue of the Ministry of Finance.

As a premier financial investigation agency of the Government of India, the ED functions in **strict compliance with the Constitution and Laws of India.**

ईडी एक बहु-अनुशासनात्मक संगठन है जो धन शोधन के अपराधों और विदेशी मुद्रा कानूनों के उल्लंघन की जांच करता है।

यह वित्त मंत्रालय के राजस्व विभाग के अधीन कार्य करता है।

भारत सरकार की एक प्रमुख वित्तीय जांच एजेंसी के रूप में, ईडी भारत के संविधान और कानूनों के सख्त अनुपालन में कार्य करता है।

- 
- **Headquarters:** ED with its headquarters at New Delhi, is headed by the **Director of Enforcement**.
    - There are five regional offices at Mumbai, Chennai, Chandigarh, Kolkata and Delhi headed by Special Directors of Enforcement.
  - मुख्यालय: ईडी का मुख्यालय नई दिल्ली में है, जिसके प्रमुख प्रवर्तन निदेशक हैं।
  - प्रवर्तन के विशेष निदेशकों की अध्यक्षता में मुंबई, चेन्नई, चंडीगढ़, कोलकाता और दिल्ली में पांच क्षेत्रीय कार्यालय हैं।

- What are the Issues related to ED?
- **Misuse of Power:**
- **Lack of Transparency**
- **Political Bias:**

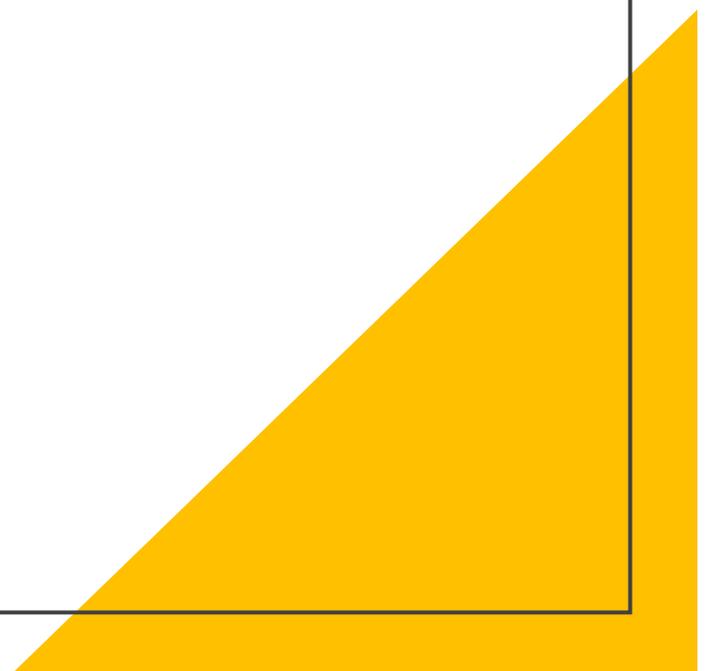




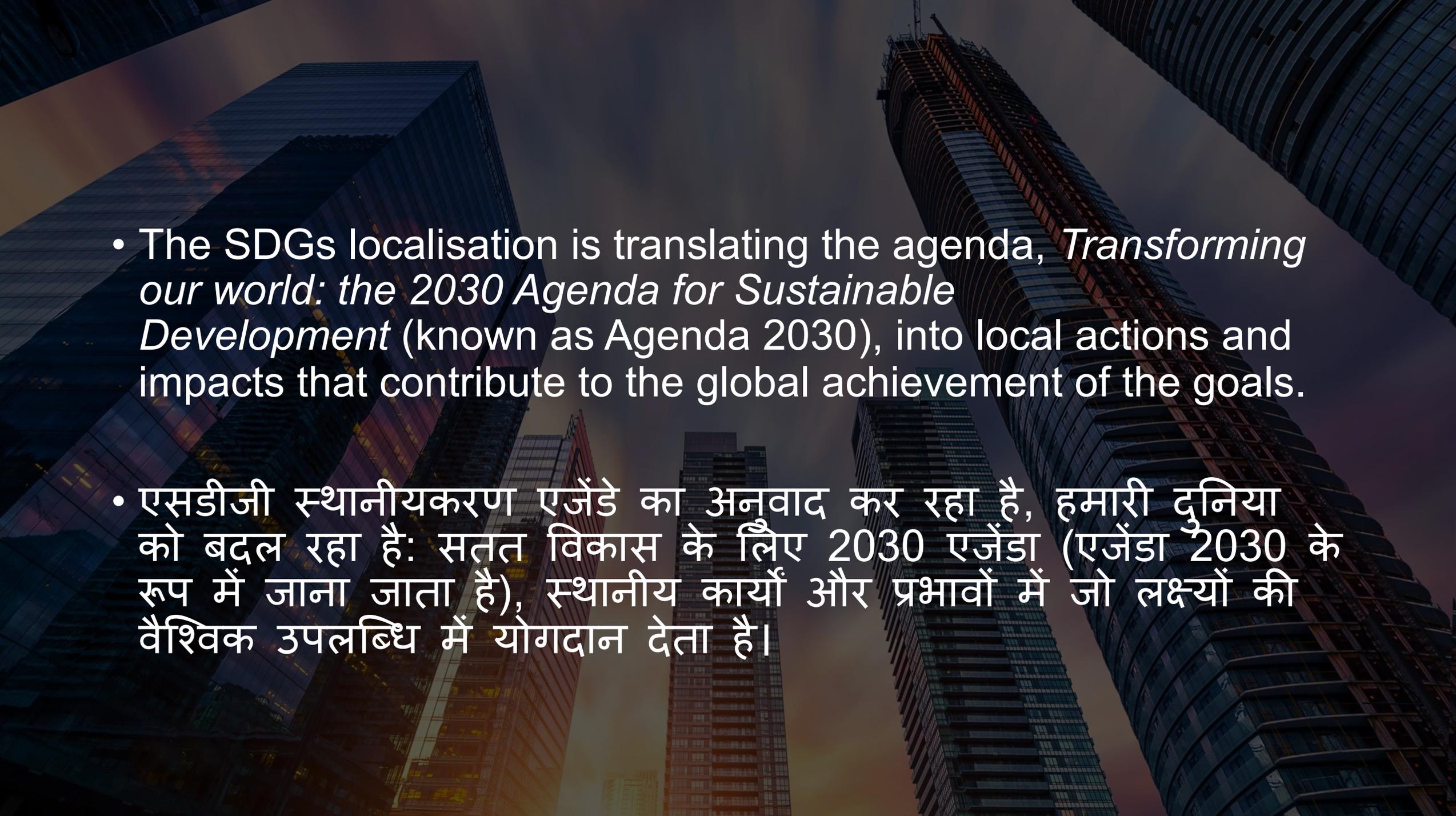
- UPSC Civil Services Examination, Previous Year Questions (PYQs)
- Q. Discuss how emerging technologies and globalisation contribute to money laundering. Elaborate measures to tackle the problem of money laundering both at national and international levels. **(2021)**

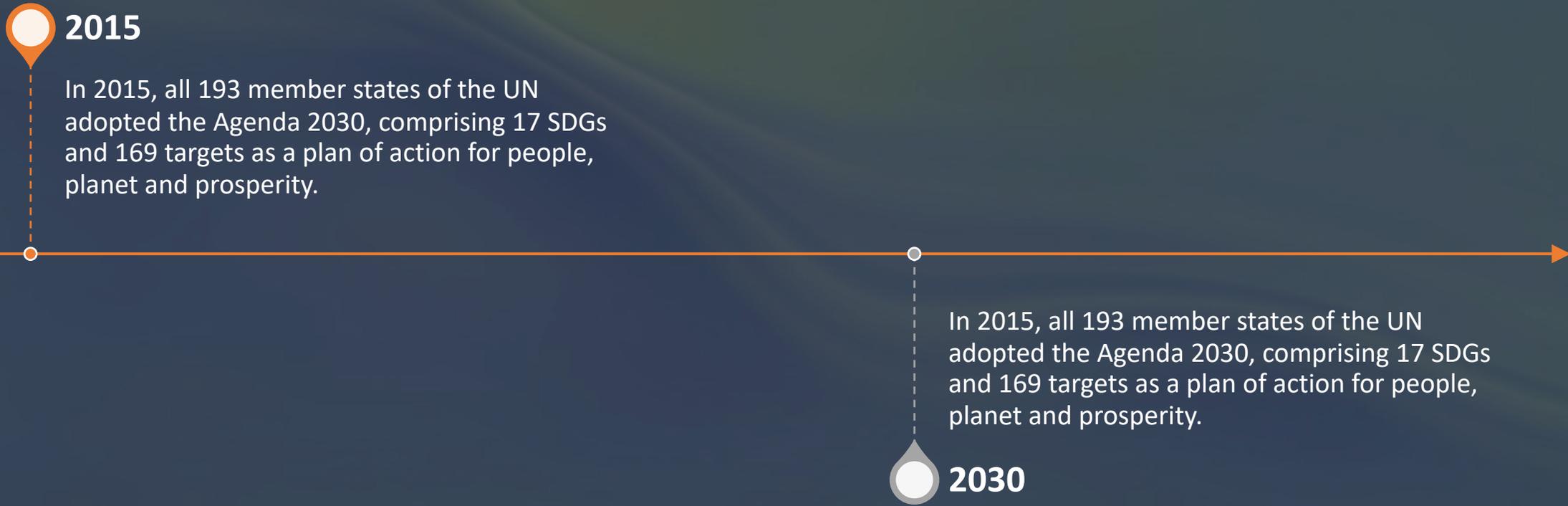
# Bhopal and local SDGs

Source: DTE



- 
- Bhopal has become the **first city in India to adopt the localisation of the United Nations-mandated sustainable development goals (SDG).**
  - The city will now have **voluntary local reviews (VLR)** to demonstrate the local government's capacity and commitment towards achieving the 2030 Agenda for Sustainable Development.
  - 
  - भोपाल संयुक्त राष्ट्र-अनिवार्य सतत विकास लक्ष्यों (SDG) के स्थानीयकरण को अपनाने वाला भारत का पहला शहर बन गया है।
  - सतत विकास के लिए 2030 एजेंडा प्राप्त करने की दिशा में स्थानीय सरकार की क्षमता और प्रतिबद्धता को प्रदर्शित करने के लिए शहर में अब स्वैच्छिक स्थानीय समीक्षाएं (वीएलआर) होंगी।

- 
- The SDGs localisation is translating the agenda, *Transforming our world: the 2030 Agenda for Sustainable Development* (known as Agenda 2030), into local actions and impacts that contribute to the global achievement of the goals.
  - एसडीजी स्थानीयकरण एजेंडे का अनवाद कर रहा है, हमारी दुनिया को बदल रहा है: सतत विकास के लिए 2030 एजेंडा (एजेंडा 2030 के रूप में जाना जाता है), स्थानीय कार्यों और प्रभावों में जो लक्ष्यों की वैश्विक उपलब्धि में योगदान देता है।



**2015**

In 2015, all 193 member states of the UN adopted the Agenda 2030, comprising 17 SDGs and 169 targets as a plan of action for people, planet and prosperity.

**2030**

In 2015, all 193 member states of the UN adopted the Agenda 2030, comprising 17 SDGs and 169 targets as a plan of action for people, planet and prosperity.

# Thirsty AI

Source: DTE



- According to a **recent study by the University of California, Riverside**, **ChatGPT** requires half a litre of water to answer **every 20-50 questions**, making the total water footprint of AI extremely large.
- **Water use in AI:** Water used in **maintaining AI tools** are primarily used for cooling data centres to prevent equipment failure. Also, the water used in this process must be **pure freshwater to prevent corrosion** and the formation of microorganisms.



- कैलिफोर्निया विश्वविद्यालय, रिवरसाइड द्वारा हाल ही में किए गए एक अध्ययन के अनुसार, ChatGPT को प्रत्येक 20-50 प्रश्नों के उत्तर देने के लिए आधा लीटर पानी की आवश्यकता होती है, जिससे AI का कुल जल पदचिह्न बहुत बड़ा हो जाता है।
- एआई में पानी का उपयोग: एआई टूल्स को बनाए रखने में उपयोग किए जाने वाले पानी का उपयोग मुख्य रूप से उपकरण विफलता को रोकने के लिए डेटा केंद्रों को ठंडा करने के लिए किया जाता है। इसके अलावा, इस प्रक्रिया में उपयोग किया जाने वाला पानी क्षरण और सूक्ष्मजीवों के गठन को रोकने के लिए शुद्ध ताजा पानी होना चाहिए।





LIBOR

Source: The Hindu

- The **Reserve Bank of India (RBI)** has issued an **advisory to banks and other RBI-regulated entities** asking them to take steps to ensure a **complete transition away from the London Interbank**
- **Offered Rate (LIBOR) from July 1.**
- भारतीय रिज़र्व बैंक (RBI) ने बैंकों और अन्य RBI-विनियमित संस्थाओं के लिए एक सलाह जारी की है कि वे लंदन इंटरबैंक से पूर्ण संक्रमण सुनिश्चित करने के लिए कदम उठाएं
- ऑफ़र की गई दर (LIBOR) 1 जुलाई से.

- **What is LIBOR?**

- It is a **benchmark interest rate** at which **major global banks lend to one another** in the **international interbank market for short-term loans**.
- It serves **short-term loans with maturities from Overnight to 1 year**.
- It also acts as a basis for Corporate and Government Bonds, mortgages, student loans, credit cards, derivatives, and other Financial Products.

- **लिबोर क्या है?**

- यह एक बेंचमार्क ब्याज दर है जिस पर प्रमुख वैश्विक बैंक अंतरराष्ट्रीय इंटरबैंक बाजार में अल्पकालिक ऋण के लिए एक दूसरे को उधार देते हैं।
- यह ओवरनाइट से लेकर 1 वर्ष तक की परिपक्वता अवधि वाले अल्पकालिक ऋण प्रदान करता है।
- यह कॉर्पोरेट और सरकारी बांड, बंधक, छात्र ऋण, क्रेडिट कार्ड, डेरिवेटिव और अन्य वित्तीय उत्पादों के लिए आधार के रूप में भी कार्य करता है।

- Administered by **ICE Benchmark Administration (IBA)**, regulated by the UK's Financial Conduct Authority (FCA).
- It is based on five currencies, including the **U.S. dollar, the euro, the British pound, the Japanese yen, and the Swiss franc**, and serves **7 different maturity periods**.
- **Secured overnight financing rate (SOFR)** is being widely used as a substitute for LIBOR across the world.
- ICE बेंचमार्क एडमिनिस्ट्रेशन (IBA) द्वारा प्रशासित, यूके के वित्तीय आचरण प्राधिकरण (FCA) द्वारा नियंत्रित।
- यह अमेरिकी डॉलर, यूरो, ब्रिटिश पाउंड, जापानी येन और स्विस फ्रैंक सहित पांच मुद्राओं पर आधारित है और 7 अलग-अलग परिपक्वता अवधि में काम करता है।
- सुरक्षित ओवरनाइट फाइनेंसिंग रेट (SOFR) का व्यापक रूप से दुनिया भर में LIBOR के विकल्प के रूप में उपयोग किया जा रहा है।

# Agmark registration

Source: Business Standard

Name (Print)

Signature \_\_\_\_\_

Date \_\_\_\_\_

- 
- FSSAI proposes to do away with Agmark registration for some edible oils. Only an FSSAI license will be enough and a separate Agmark registration will not be required.
  - This would facilitate ease of doing business and reduce the multiplicity of laws that govern the food sector.

Certification Mark	Purpose	Issued by
ISI Mark (Mandatory for certain products)	Certifies industrial products comply with Indian Standards	Bureau of Indian Standards (BIS)
BIS Hallmark (Voluntary)	Certifies purity of gold and silver jewellery	Bureau of Indian Standards (BIS)
AGMARK (Voluntary)	Certifies agricultural products conform to approved standards	Directorate of Marketing and Inspection, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare under the Agricultural Produce Act, 1937
FPO Mark (Mandatory)	Certifies processed fruit products were made in a hygienic 'food-safe' environment and are fit for consumption	Fruit Products Order, 1955
Green and Brown Dot	Indicates whether the food item is vegetarian or non-vegetarian	–
India Organic Certification (Voluntary)	Certifies organic farm products meet National Standards for Organic Products	Testing centers accredited by the Agricultural and Processed Food Products Export Development Authority (APEDA) under the National Program for Organic Production of the Government of India
Eco mark (Voluntary)	Certifies products meet standards to cause the least impact on the ecosystem	Bureau of Indian Standards (BIS)
Non-Polluting Vehicle Mark (Mandatory)	Certifies motor vehicles conform to relevant Bharat Stage emission standards	Bharat Stage emission standards

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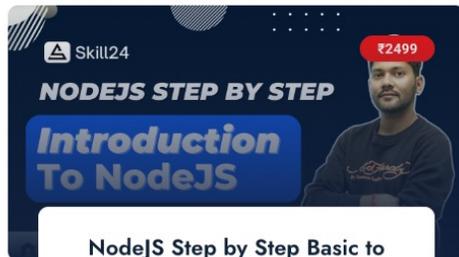
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A group of people in a meeting room are clapping. The image is dark and moody, with a focus on the hands and arms of the participants. The text is overlaid on the left side of the image.

Thank you  
guys, see you  
at 9 am

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