

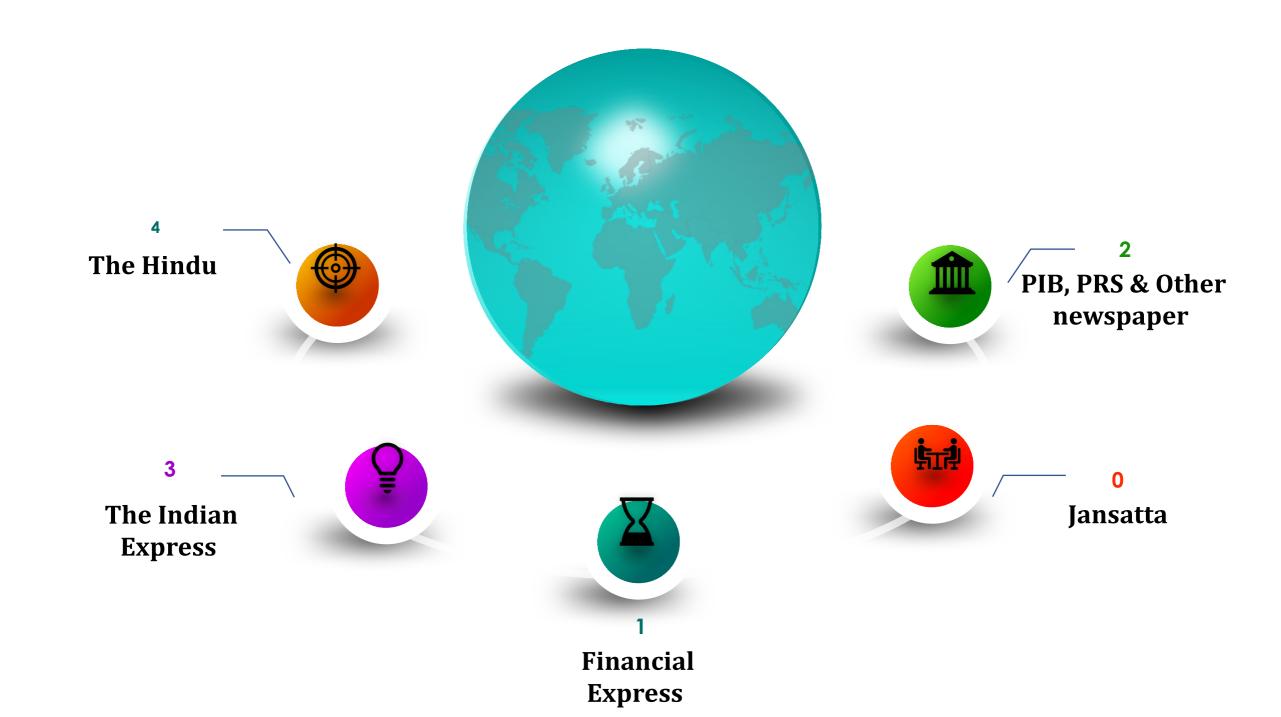








THE **EXPRESS** 



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10 MCQ QUIZ

# STILL CONFUSED! **HOW TO PREPARE**

**RASonly** 

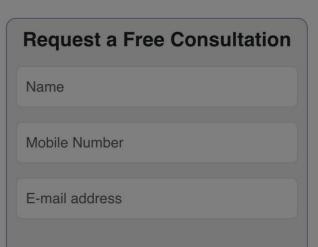
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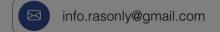
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"Whenever you find yourself on the side of the majority, it is time to reform (or pause and reflect)."

- Mark Twain



FATF flags use of VPNs, e-commerce platforms NEWS » PAGE 4





Key suspect in Khemka murder shot dead

No unfettered powers for ECI Roll revision doesn't conform with existing provisions PINION » PAGE 9



Sabalenka overcomes Siegemund's challenge

#### Netanyahu backs Trump for Nobel

Israeli Prime Minister Benjamii Netanyahu told Presiden Donald Trump he was nominating the U.S. leader for a Nobel Peace Prize as the two ook a victory lap on Monday nuclear facilities. IN PAGE 14

#### 5 Israeli soldiers killed in Gaza

Five Israeli soldiers were killed in an attack in the northern Gaza Strip, Israel's military said on Tuesday, while health officials in the Palestinia territory said that at least 51 strikes, it PAGE 14

# India says trade deal with U.S. 'imminent'

U.S. President Donald Trump extends tariff pause to
August 1 and threatens new hikes for 14 countries

Negotiations could be extended to August 1 if the deal specifics do not suit India, says an official has to decide whether to accept it, says a source

#### T.C.A. Sharad Raghavan

nounce a 'mini' trade deal with the United States "in a day or two", government officials said on Tuesday, though U.S. President Donald Trump has now extended his tariff pause until August 1. They cautioned, however, that

cautioned, however, that India will not push ahead if the deal specifics do nos suit Indian interests. This came hours after U.S. President Donald Trump also said that the U.S. was "Close to making a deal with India". Mr. Trump has also sent letters to 14 countries, threatening higher tariffs

from August 1, in a bid to address their trade deficits with the U.S. They include

and Herzegovina, Indone-sia, Bangladesh, Serbia, Cambodia, Thailand, Laos, and Myanmar.

and Myanmar. The Liberation Day ta-riffs – announced on April 2 and originally paused till midnight on July 8 – ap-plied to almost all coun-tries, and included a 26% tariff on Indian imports.
"The August I deadline
is for countries that have

is for countries that have been sent the letters," an official told The Hindu. "In-dia has not been sent a let-ter, and we are still work-ing to finalise the deal, so the July 8-9 deadline is still what we are operating under."

# New deadline

However, as per an execu-tive order signed by Mr. Trump in Washington on Monday, "based on addiandries their trade deficits in Trumpin Washington on with the U.S. They include Japan, South Korea, Ka-zakhstan, Malaysia, Tuni-tous senior officials, and on additional serior officials, and on additional serior officials, and on adjust to the serior officials and on additional serior officials, and on adjust to by U.S. and on adjust to the serior officials, and on adjust to by U.S. and on adjust to the status of discussions with trading partners", the status of discussions with trading partners, the status

revision

ded that India could use the expanded August I window "if the deal specif-ics do not suit us". Stating that levies would

start being paid on August I, Mr. Trump on Tuesday said that he would not extend the deadline again. "No extensions will be granted," he posted on Truth Social. "There will

be no change."
On Monday, Mr. Trump said that the U.S. had "spoken to everybody".

"We have made some
[trade] deals, but for the

Deal dynamics
A team of Indian negotiators led by Special Secretary in the Ministry of
Commerce and Industry
Rajesh Agrawal returned
from their second trip to
the U.S. last week. A team
from the U.S. has also visited India twice in the last
few months. few months.

cide whether to accept the deal or not. India, for its part, will not further amend its proposals for the

According to sources, India has placed its final proposals before the U.S.

As The Hindu has reported before, the main is-sues holding up a deal bet-ween India and the U.S. continue to be genetically-modified (GM) crops and

dairy imports.

The U.S. is pushing India to allow the import of
GM products such as soybean meal and distillers
dried grains with solubles
(DDGS) for animal feed.
DDGS is a by-product of
the ethanol production
process. India has not been
inclined towards CM crops
even po obtuced domestical-

ly, let alone imported.

Another demand is for India to allow the import of

#### Final day of Rathyatra



# Three schoolchildren killed as train hits van at level crossing gate in T.N.

#### S. Prasad

Three schoolchildren were killed when their school van was rammed by a pasenger train while attempt ing to cross a manned rail-

way gate at Semmankuppam in Cud-dalore district of Tamil Nadu on Tuesday. One more student, the van driver and another person were

injured.

The Villupuram-Mayiladuthurai passenger, travelling at a speed of 95 kmph,
struck the van carrying
four students around 7:45
a.m., and dragged it for
nearly 50 metres before
coming to a halt, reports
said.

aid. Preliminary inquiries by railway officials suggested that it was the van driver who insisted on allowing



the vehicle to cross the gate. This should not have been permitted, the offi-cials said.

'Gate was kept open' According to eyewitness accounts, railway gate-keeper Pankaj Sharma had falled to close the gate dur-ing the train's passing. An

seating arrangement was RVV Higher Secondary School at Valakom, in

irate crowd thrashed him.
Nimalesh, 12, and T.
Charumathy, 16, were
killed on the spot. Charumathy's brother T. Chezhiyan, 15, was declared
brought dead at the Jawaharlal Institute of Postgraduate Medical Education
and Research, Puducherry.
Viswesh, 16, and the driver

of the van S. Sankar, 47, have been admitted to the Government Hospital,

Annadurai, 55, a resi-dent of Semmankuppam, sustained injuries while attempting to rescue the chil dren when a snapped over-head power cable fell on

Southern Railway said the van belonging to Krish-naswamy Vidyanikethan, a private CBSE school in

cross the railway level crossing gate no. 170, (a non-interlocked manned gate) between Cuddalore and Alappakkam. Superintendent of Pol-ice S, Jeyakumar and Depu-ty Inspector-General of Police (Villupuram Range E.S. Uma monitored the

# No more backbenchers: a Malayalam film inspires change in Kerala schools

Malavalam movie nudges institutions in the State to give up the traditional row-based seating arrangement in favour of a semi-circular layout; the movie, directed by Vinesh Viswanath, aims to do away with the unconscious splitting of students into groups - the studious children in the front and the often disruptive rebels on the back benches

inesh Viswanath did not expect his directorial debut, trigger a change in mindset in schools. The heart-warming, coming-of-age Malayalam film about an upper primary school in Thiruvananthapuram shows how one classr does away with the conventional row-based seating arrangement in favour of a semi-circle arrangement, with the arrangement, v teacher at the o

on the OTT platform Sain Play last month, this classroom configuration has been adopted by several schools in Kerala.

"At least six schools have already introduced it and we came to know of it when they tagged our instagram handle," Mr. Viswanath says. In the film, the idea is

mooted by the eponymou character, an unassuming backbencher who is packbencher who is perpetually late for class. It aims to do away with the unconscious splitting of students – the studious children in the front and the often disruptive rebels on the back benches.



launched by the Union government in 1994 in six States, including Kerala, had suggested flexible

Mr. Viswanath, wh wrote the story and co-wrote the screenplay with Anand Manmadha Murali Krishnan, and Kailash S. Bhavan, says he used to sit like that in his wernment school at edikulam in "But when we placed tha as the climax, we never

School at Valakom, in Kollam district. The school is managed by Kerala Transport Minister K.B. Ganesh Kumar "We had shown it to him several months before the film reached expected it to reach so many schools," he says Short run in theaters The film, starring Aju Varghese, Johny Antony, and a bunch of child actors, had several factors stacked against it from the theatres. We were unaware that he had

a delay of almost a year, and despite the glowing reviews, it had a rather short run in theatres. Th because that was the OTT release came after climax of the movie. We seven months, considered made the reveal only after a long gap in the industry The first school that introduced the new

adopted this concept include the Pappiniss West LP School and in Kannur; RCC LP School in East Mangad, Thrissur; Government Higher Secondary School at Tholanur in Palakkad; and NSV Vocational Higher Secondary School at Valacode in Kollam.

his school. However, we could not publicise it when the film released

OTT." Mr. Viswanath says The schools that haw Andoor ALP School, both in Kannur; ROC LP School

#### Domicile now must for women's job quota in Bihar

The Hindu Bureau

The Bibar Cabinet on Tues day made domicile manda-tory for accessing the 35% reservation for women in

State government jobs.
Previously, women from
outside Bihar could also
benefit from the reservation policy, which was in troduced by the State go vernment in 2016.

The decision was taken t a Cabinet meeting a Cabinet meeting ired by Chief Minister Nitish Ku

# India says trade deal with U.S. 'imminent'

U.S. President Donald Trump extends tariff pause to August 1 and threatens new hikes for 14 countries

Negotiations could be extended to August 1 if the deal specifics do not suit India, says an official

The **Liberation Dav** 

Lariffs announced on

almost all countries

April 2 applied to

Trump has written to

tariffs to be imposed

14 countries about higher

Bangladesh

Serbia

Cambodia

India has placed its final proposals, now the U.S. has to decide whether to accept it, says a source

T.C.A. Sharad Raghavan NEW DELHI

ndia expects to announce a 'mini' trade deal with the United States "in a day or two", government officials said on Tuesday, though U.S. President Donald Trump has now extended his tariff pause until August 1. They cautioned, however, that India will not push ahead if the deal specifics do not suit Indian interests.

This came hours after U.S. President Donald Trump also said that the U.S. was "close to making a deal with India".

Mr. Trump has also sent letters to 14 countries. threatening higher tariffs from August 1, in a bid to address their trade deficits with the U.S. They include Japan, South Korea, Kazakhstan, Malaysia, Tunisia, South Africa, Bosnia

and Herzegovina, Indonesia, Bangladesh, Serbia, Cambodia, Thailand, Laos, and Myanmar.

The Liberation Day tariffs – announced on April 2 and originally paused till midnight on July 8 - applied to almost all countries, and included a 26% tariff on Indian imports.

"The August 1 deadline is for countries that have been sent the letters," an official told The Hindu. "India has not been sent a letter, and we are still working to finalise the deal, so the July 8-9 deadline is still what we are operating under."

### New deadline

However, as per an executive order signed by Mr. Trump in Washington on Monday, "based on additional information and recommendations from vaofficials, senior rious

including information on the status of discussions with trading partners", the suspension of higher tariffs will now extend until 12:01 a.m. on August 1, by U.S.

South Korea

Last-minute

revision

**Donald Trump's** 

initial

pause on

tariffs was till

with the U.S.

July 9, but India is

April 2 Liberation Day Tariff

yet to sign a deal

Tariff From Aug. 1

26%

on Indian

imports

Proposed tariffs

Tunisia

Malavsia

South Africa

Eastern Davlight time.

Another official aware of the negotiations said a deal could materialise by the night of July 8, or "in a day or two".

Indonesia

However, this official added that India could use the expanded August 1 window "if the deal specifics do not suit us".

Pause in tariffs

**3** 'India **not keen on agreeing** to a deal where the details don't suit it'

now extended till

August 1, but officials say

U.S. tariffs

on other countries (In %)

a deal could come soon

Stating that levies would

start being paid on August 1, Mr. Trump on Tuesday said that he would not extend the deadline again.

"No extensions will be granted," he posted on Truth Social. "There will be no change."

On Monday, Mr. Trump said that the U.S. had "spoken to everybody".

"We have made some [trade] deals, but for the most part we are going to send a letter," he said.

## **Deal dynamics**

A team of Indian negotiators led by Special Secretary in the Ministry of Commerce and Industry Rajesh Agrawal returned from their second trip to the U.S. last week. A team from the U.S. has also visited India twice in the last few months.

According to sources, India has placed its final proposals before the U.S.

and now the U.S. has to decide whether to accept the deal or not. India, for its part, will not further amend its proposals for the mini deal.

As The Hindu has reported before, the main issues holding up a deal between India and the U.S. continue to be geneticallymodified (GM) crops and dairy imports.

The U.S. is pushing India to allow the import of GM products such as soybean meal and distillers dried grains with solubles (DDGS) for animal feed. DDGS is a by-product of the ethanol production process. India has not been inclined towards GM crops even produced domestically, let alone imported.

Another demand is for India to allow the import of cow milk from the U.S., which India has been resisting.

# 1. What's the News?

- India is expected to finalize a 'mini' trade deal with the United States in a day or two.
- The U.S. has extended its **tariff pause** for India till **August 1** under **Donald Trump's** revised 90-day pause framework.

# 2. Liberation Day Tariffs – Background

- Announced on April 2, applied to almost all countries.
- India faces a proposed 26% tariff on its exports to the U.S.
- Trump sent letters to 14 countries, warning of increased tariffs from August 1.

# 3. India's Trade Concerns

- India has not yet signed the deal as negotiations are ongoing.
- Key Indian concerns:
  - U.S. demand to allow imports of genetically modified (GM) crops and dairy products.
  - India resists GM crop imports for biosecurity, health, and self-reliance.
  - U.S. wants access for Distillers Dried Grains with Solubles (DDGS) for animal feed.
  - India resists cow milk imports, particularly from countries with different animal welfare standards.

# 4. Deal Status

- India has submitted final proposals; now waiting for U.S. decision.
- If terms are unsatisfactory, India may opt out of the deal even after August 1.
- India is cautious not to compromise its domestic sector interests.

# GS Paper-wise Relevance

# **Our Geographical (GSI):**

 The 14 countries include Japan, Korea, South Asia & Southeast Asia – indicating India's position in the global Indo-Pacific trade corridor.

# m Political & IR (GS II):

- This development reflects India-U.S. economic diplomacy, and India's assertion of strategic autonomy.
- Reflects a shift in U.S. bilateralism over multilateral trade frameworks.

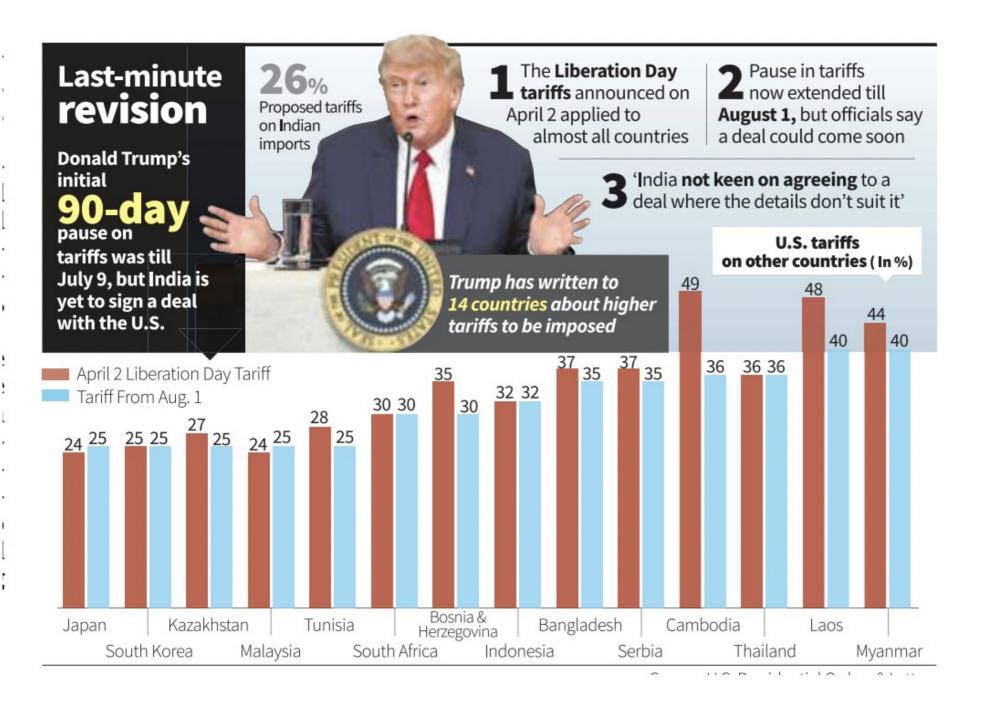
# Economic (GS III):

- India's agricultural & dairy sector fears dumping of subsidized U.S. goods.
- U.S. pushing India to open up to bio-engineered agricultural inputs like GM corn and soybean.
- Trade deal may affect MSME exporters and domestic animal husbandry.

- **Q.** With reference to the recent developments in India–U.S. trade relations, consider the following statements:
- 1. India has already agreed to import genetically modified crops from the U.S.
- 2. The proposed U.S. tariffs on Indian goods are part of the "Liberation Day Tariff" initiative.
- 3. India's main concern in the deal involves agricultural and dairy product access.
- 4. The U.S. has granted India an indefinite exemption from the tariff hike.

Which of the above statements is/are correct?

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



# No more backbenchers: a Malayalam film inspires change in Kerala schools

<u>Malayalam movie nudges institutions in the State</u> to give up the traditional row-based seating arrangement in favour of a semi-circular layout; the movie, directed by Vinesh Viswanath, aims to do away with the unconscious splitting of students into groups — the studious children in the front and the often disruptive rebels on the back benches

Athira M.

THIRUVANANTHAPURAM

🕇 inesh Viswanath did not expect his directorial debut. Sthanarthi Sreekuttan, to trigger a change in mindset in schools. The heart-warming. coming-of-age Malayalam film about an upper primary school in Thiruvananthapuram shows how one classroom does away with the conventional row-based seating arrangement in favour of a semi-circle arrangement, with the teacher at the centre. Since the film was released on the OTT platform Saina Play last month, this classroom configuration has been adopted by several schools in Kerala.

"At least six schools have already introduced it, and we came to know of it when they tagged our Instagram handle," Mr. Viswanath says.

In the film, the idea is mooted by the eponymous character, an unassuming backbencher who is perpetually late for class. It aims to do away with the unconscious splitting of students – the studious children in the front and the often disruptive rebels on the back benches.



Students of RCC LPS in Wadakkanchery, Thrissur, in their new seating layout. SPECIAL ARRANGEMENT

The concept is not new, since the District Primary Education Programme launched by the Union government in 1994 in six States, including Kerala, had suggested flexible

seating arrangements that some schools had tried. However, most educational institutions have been inclined to stick to the traditional row system. Mr. Viswanath, who wrote the story and co-wrote the screenplay with Anand Manmadhan, Murali Krishnan, and Kailash S. Bhavan, says he used to sit like that in his primary classes at the government school at Pedikulam in Thiruvananathapuram. "But when we placed that as the climax, we never expected it to reach so many schools," he says.

# Short run in theaters The film, starring Aiu

The film, starring Aju Varghese, Johny Antony, and a bunch of child actors, had several factors stacked against it from the start. It was released after a delay of almost a year, and despite the glowing reviews, it had a rather short run in theatres. The OTT release came after seven months, considered a long gap in the industry.

The first school that introduced the new seating arrangement was RVV Higher Secondary School at Valakom, in Kollam district.

The school is managed by Kerala Transport Minister K.B. Ganesh Kumar "We had shown it to him several months before the film reached theatres. We were unaware that he had introduced the system in his school. However, we could not publicise it when the film released because that was the climax of the movie. We made the reveal only after it started streaming on OTT," Mr. Viswanath says.

The schools that have adopted this concept include the Pappinisseri West LP School and Andoor ALP School, both in Kannur; RCC LP School in East Mangad, Thrissur; Government Higher Secondary School at Tholanur in Palakkad; and NSV Vocational Higher Secondary School at Valacode in Kollam.

CM

# **1.** Background

- Malayalam film Sthanarthi Sreekuttan, directed by Vinesh Viswanath, has unexpectedly influenced classroom practices in Kerala schools.
- The film highlights inclusive classroom seating by replacing traditional row-based arrangements with semi-circular layouts.

# 2. Objective of the Film's Message

- The goal is to eliminate unconscious segregation:
  - Studious children at the front.
  - Disruptive or disinterested students at the back.
- Encourages collaborative learning and more teacher-student engagement.

# 3. From OTT to School Desks

- Released on Saina Play (OTT platform) after a 7-month delay.
- Several schools in Kerala started implementing the new layout post its OTT release.
- At least six schools adopted the concept and tagged the film team on Instagram.

# **1** 4. Impact and Adoption

- First school to implement: RVV Higher Secondary School, Valakom (Kollam).
- Other schools:
  - Pappinisseri West LP and Andoor ALP School (Kannur)
  - RCC LP School (Thrissur)
  - Govt. HSS Tholannur (Palakkad)
  - NSV Vocational HSS (Kollam)
- Backed informally by Kerala Transport Minister K.B. Ganesh Kumar.

# **5. Educational Background**

- Not a new concept: District Primary Education Programme (1994) had recommended flexible seating.
- However, traditional row seating remains dominant due to inertia and lack of awareness.

# GS Paper-wise Relevance

# **GS II: Governance and Education**

- Demonstrates how popular culture can influence grassroots education reform.
- Reflects alignment with NEP 2020, which promotes experiential and inclusive learning.

# Essay / Ethics:

- Role of cinema as a social reform tool.
- Breaking stereotypes in institutional practices.

#### INBRIDE



#### 'EPFO to complete process of crediting interest this week'

Union Labour Minister Mansukh Mandaviva said on Tuesday that the Employees' Provident Fund Organisation (EPFO) will complete the process of crediting 8.25% interest for FY25 into members' accounts this week. "This year, the annual account update had to be done for 13.88 lakh establishments with 33.56 crore member accounts, out of which till 8th July, inte credited in 32.39 crore member account 13.86 lakh establishments. This translates into completion of annual accounts updation for 99.9% of the establishments and 96.51% of the member accounts," the Minister said, while

#### Jeweller shot dead in armed robbery in Gujarat's Surat

A jeweller was shot dead and another person injured during a daring armed robbery at a jewellery showroom in Gujarat's Surat city late Monday night, police sald. According to police, four armed men stormed into Shrinathji Jewellers in the city's Sachin area around 8.30 p.m. and opened fire while looting valuables. When showroom owner Ashish Rajpara tried to intervene, the robbers shot him twice in the chest. Rajpara died shortly after being rushed to a hospital. "As the robbers attempted to flee, locals gave chase. The assailants fired at them, injuring one person, Nazim Shaikh, who sustained a builtet wound to his leg," police said.

# Countrywide survey reveals deficits in student learning

Punjab, Kerala among top performers; Grade-level gaps seen in key subjects such as mathematics and language: PARAKH RS finds that 54% of Class 9 students can identify main points of a text

and Analysis of Knowledge for Holistic Development Rashtriya Sarvekshen (PA-RAKH RS), formerly known as the National Achievement Survey Achievement Survey (NAS), have revealed that (NAS), have revealed that Punjab, Himachal Pradesh, Kerala, Dadra Nagar Haveli and Daman & Diu and Chandigarh are the best performing States and Un-ion Territories in school education.

PARAKH RS assessed PARAKH KS assessed the performance of 21,15,022 children in Grades 3, 6 and 9 from 74,229 schools in 781 dis-tricts of the country in the following subjects: lan-guage and mathematics (for Grades 3, 6, and 9), the world around us (for world around us (for Grades 3 and 6), and science and social science (for Grade 9). As many as 2,70,424 teachers and school leaders responded through questionnaires. Punjab, Himachal Pra-

desh and Kerala emerged as the top performing States in Grade 3. Kerala, Punjab and Dadra Nagar

Survey snapshots

The PARAKH Rashtrius Sarvelishan was conducted on ent and private schools in Grades 3, 6 and 9



Figuring it out

day interactions effectively and could guess the mean-ing of new words by using existing vocabulary.

tend simple patterns in their surroundings, shapes, and numbers. On-ly 55% could arrange num-

Haveli and Daman & Diu were the top performers for Grade 6. Punjab, Kerala and Chandigarh were the best performing States for Grade 9. The Kendriya Vi-dyalayas, run by the Union government, recorded the lowest performance mathematics in Grade 3 and dyalayas, run by the Union government, recorded the lowest performance in mathematics in Grade 3. In mathematics in Grade 3. In sub-groups based on more ed and State government scholos showed weak per-formance in mathematics. schools showed weak perfeet Grade 9, students from
Kendriya Vidyalayas performed the best across all
language porticularly in
language from the best purpose of in according
The results found that in
know and use enough
words to carry out daytosystem, and knew and knew and knew

very large numbers. Only 38% students could solve puzzles and daily-life pro-blems involving one or more operations on whole Only 38% of Grade 6 stu-

dents asked questions and made predictions about simple patterns (season change, food chain, phases of the moon, movement of of the moon, movement of stars and planets, shapes of trees, plants, leaves, and flowers, rituals, celebra-tions) observed in the im-mediate environment.

mediate environment.
In Grade 9, 45% of students could explain how
the Constitution came to
be and understood the
ideas and ideals of the Indian national movement
enshrined in it as well as
those drawn from India's
civilisational heritage.
About 54% of students
could identify the main About 54% of students could identify the main points in a text from care-ful listening or reading of news articles, reports or editorials. Only 31% could explore

and understand sets of numbers, such as whole numbers, fractions, integ-ers, rational numbers, and real numbers, and their properties, the survey re-sults said.

### Vitamin D deficiency poses public health challenge: experts

#### The Hindu Bureau

Vitamin D deficiency has reached epidemic propor-tions in India and ignoring it could have serious health consequences, experts said during a webinar on "Vitamin D Deficiency: Myths vs Reality" on Sun-

day. The session, the 14th in a 15-part series under the "Healthy India, Happy In-dia" initiative, was jointly presented by Naruvi Hospi-tals, Vellore, and The Hindu.

Kurien Thomas, senior Kurien Thomas, senior consultant physician and clinical epidemiologist at wast majority of Indians – settimated between 40% and 30% – are Vitaming and 30% – are Vitaming es like staying indoors, use of sunscreen, and sun-procant contributors to this silent crisis," he said.

Calling it the "sunlight can borne be suited to the processing of the process of the process of the said of the process of the process

plays a vital role in bone health and calcium ab-sorption. Its deficiency can lead to rickets in children and osteomalacia in adults. He urged mid-day sun exposure and dietary inclu-sion of fish, meat, egg yolk, fortified dairy products, and mushrooms. However. The webinar can be weed here newsth.live/ naruviwebinar14

**OUP launches Oxford Big** 

(- JOHN OS FOR A WITH MARR ON WITAMIN D DEFICIENCY: MYTHS VS REALITY

since only 20% of orally consumed vitamin D is ab-sorbed, he recommended

for at-risk groups.

Aneesh Basheer, Professor of medicine at SRM Medical College Hospital and Research Centre,

Pranita Vanjare, consul-tant in geriatrics and inter-nal medicine at Naruvi Hospitals, said, "It sup-ports not just bone and muscle health but plays a broader role in regulating blood pressure, reducing inflammation and poten-tially lowering the risk of Type 1 diabetes, rheuma-toid arthritis, respiratory infections, and certain

# Nearly 600 Eklavya school students cracked **IIT-JEE and NEET, says Tribal Affairs Ministry**

Close to 600 students from government-run Eklavya Model Residential Schools (EMRS) for tribal student (EMRS) for tribal students across 12 States have cleared top entrance ex-aminations this year for undergraduate studies in medicine and engineering across the country, the Tri-

showed. Officials added that in a special effort to give these students the confidence to proceed with higher education, the Ministry is pre-paring to reach out to these students with the ga-mut of government scho-larships available to them and handhold the entire application process.
Officials told The Hindu

of EMRS schools in Chhat-



The Ministry is preparing to reach out to the students of EMRS and support them through the entire application process. FILE PHOTO

this was the first time such data had been compiled for EMRS students.

The EMRS is one of the Tribal Affairs Ministry's flagship schemes and the

the last couple of years to provide specific training to students of EMRSs, where tribal students, including students from Particularly Vulnerable Tribal Groups form close to 85% of the

tisgarh, Madhya Pradesh, Jharkhand, Gujarat, Telan-jana, Uttarakhand, Uttar Jana, Uttarakhand, Uttar ka, Andhra Pradesh, Hima-tah Pradesh and Maha-rashtra qualified for either III-JEE Mains, III-JEE Ad-vanced, or the NEET exam-this was the first time auch. The nearly 600 students who have cleared these en-

Close quarters, almost close to a group of nine (6) X is following a Y, for example (4)

I'd go next perhaps for cleansing body from inside (8)
'6 Down Pix' producing and putting on some gripping stuff! (8)
Principles of alliance incorporating a basic mantra (6)

One of the canonical hours to send lewd message on phone (4) Vacuous, compunctionless, taxman abandoned felines (4.4) Vacuous, compunctionless, taxman abandoned felines (4,4) North-Eastern friend, one of our neighbours (6) Single rate for what graduate wants (9,6) One following, guarding every amateur (8) 1/3rd of water's gone, wasted, tapped by earlier two generations of

Best and more works for reformist (5) One going after exact type of public tr Set free! Set off! Fly! (6)

Bull looks at sunflower-like plants (6

Mostly following American link (5) 18 Law overwhelms love, failing to be adaptable (8) 19 Words and wiles, women's unleashing materials (8)
21 Table emptied by me to vote for American cuisine (3-3) It is used to serve drink to a net stray (6)

vernment official said the Scholarship Division of the Tribal Affairs Ministry was now looking to start an outreach programme, where all the Ministry's available post-matriculate scholarships for tribal stu-dents would be taken to them. "Usually, they are left to apply for the scho-larships themselves. In this larships themselves. In this case, they have done excel-lent work, and the Ministry wants to encourage them trance exams were coached by coaching centres that have part-nered with the NESTS over and give them confidence. So, since both NESTS and scholarships are handled

by the Ministry, now the

Ministry will track these students and handhold them to get all scholarships they are entitled to," the of-ficial said. According to the evalua-

tion of the performance conducted by the Tribal Af-fairs Ministry, 218 students Outreach programme In a departure from regu-lar process, a senior go-vernment official said the

their efforts. They said the scheme, its impact, and its results, needed to be taken to the public.

# Read Global Challenge to promote reading, literacy

### The Hindu Bureau CHENNAI

promote reading and lite-racy, Oxford University Press (OUP) has announced the launch of the seventh edition of its an-nual Oxford Big Read Glo-

nual Oxford Big Read Cle-bal Challenge.

This reading competi-tion invites schools across primary to secondary le-wels, to participate in a glo-bal contest aimed at strengthening reading at the contest aimed at strengthening reading barter of the event.

The challenge requires tacket, write a critical re-

jacket, write a critical re-view or a comparison of es 4 to 6: and Classes 7 to

#### Oxford In a continued effort to

9), and will be given tasks accordingly. As part of the initiative, participating schools will receive comschools will receive com-plimentarry access to the Oxford Reading Buddy platform, with 100 stu-dents per school granted a one-month digital sub-scription. National winners will also get the opportunity to compete with peers from over 15 countries. Prizes will be awarded

by the OUP, along with gift hampers and vouchers from Faber-Castell and Amazon. Rewards range from medals and certificates at the school level to tablets, iPads, and an ex-

receive a complimentary three-month digital sub-

three-month digital sub-scription from the Young World Club. It will see par-ticipation from Colombia, etc., and the Colombia Mexico, Japan, South Ko-rea, and other countries. Registration for the competition is to be done only through schools. The October 30. The national-level winners will be an-nounced on November 30 and global winners on De-tails and to revisiter for the substances of the colombia of the colombia of the substances of the colombia of the colombia of the substances of the colombia of the colombia of the substances of the colombia of the colombia of the substances of the colombia of the colombia of the substances of the colombia of the colombia of the colombia of the substances of the colombia of the colombia of the colombia of the substances of the colombia of the colombia of the colombia of the substances of the colombia of the colombia of the colombia of the substances of the colombia tails and to register for the Oxford Big Read, visit https://india.oup.com/ox-fordbigread. For queries schools can write to Priva darshini Bhattacharyya at priyadarshini.bhatta-charya@oup.com

# 

#### SUDOKU



### FATTY

#### Her merciful glances

In his Sri Guna Ratna Kosa, Parasara Bhattar praises God-dess Ranganayaki's feet as having the fragrance of the Ve-das. Parasara Bhattar explainst that those who surrender at Mahalakshmi's feet, will receive Her merciful glances. A beautiful incident from the Ramayana must be recalled beautitui incient from the Ramayana must be recaised here, said T.A.K. Srinivasacharya in a discourse. After Sita has been abducted by Ravana, an anguished Rama and Lakshmana begin to look for Her. Sugreeva was witness to Sita being carried away, and he tells Rama that as Sita was being taken away by Rayana in his yimana. She had dropped Her jewels, wrapping them in Her upper cloth. Sugreeva then shows Rama the jewels She had dropped Sugreeva then shows Kama the Jeweis she had dropped and asks Him if He can identify them. Rama identifies Her garment, and Her Jeweis and draws Lakshmana's atten-tion to them. Lakshmana replies that he is only familiar with Her anklets, because he has never looked beyond

with Her anklets, because he has never looked beyond Her feet. So, he has no idea about any of Her other jewels. This shows us the regard Lakshmann had for Sita. It also shows us that we must seek Her feet and surrenter that the state of t say of mere mortals

# Vitamin D deficiency poses public health challenge: experts

## The Hindu Bureau

CHENNAI

Vitamin D deficiency has reached epidemic proportions in India and ignoring it could have serious health consequences, experts said during a webinar on "Vitamin D Deficiency: Myths vs Reality" on Sunday.

The session, the 14th in a 15-part series under the "Healthy India, Happy India" initiative, was jointly presented by Naruvi Hospitals, Vellore, and *The Hindu*.

Kurien Thomas, senior consultant physician and clinical epidemiologist at Naruvi Hospitals, said a vast majority of Indians – estimated between 40% and 90% – are Vitamin D deficient. "Lifestyle changes like staying indoors, use of sunscreen, and sun-protective clothing are significant contributors to this silent crisis," he said.

Calling it the "sunlight vitamin", Dr. Kurien said it plays a vital role in bone health and calcium absorption. Its deficiency can lead to rickets in children and osteomalacia in adults. He urged mid-day sun exposure and dietary inclusion of fish, meat, egg yolk, fortified dairy products, and mushrooms. However.



since only 20% of orally consumed vitamin D is absorbed, he recommended supplements, especially for at-risk groups.

D. Aneesh Basheer, Professor of medicine at SRM Medical College Hospital and Research Centre, Chennai, called for targeted screening and fortified food options, while cautioning about the potential toxicity of excess vitamin D.

Pranita Vanjare, consultant in geriatrics and internal medicine at Naruvi Hospitals, said, "It supports not just bone and muscle health but plays a broader role in regulating blood pressure, reducing inflammation and potentially lowering the risk of Type 1 diabetes, rheumatoid arthritis, respiratory infections, and certain cancers".

The webinar can be viewed here newsth.live/naruviwebinar14

# 🖈 1. Key Issue

- Vitamin D deficiency has reached epidemic proportions in India.
- Experts estimate that 40% to 90% of Indians are deficient.
- The issue was discussed in a webinar titled "Vitamin D Deficiency: Myths vs Reality", part of the
   Healthy India, Happy India initiative by Naruvi Hospitals and The Hindu.

# 2. Causes of Deficiency

- Lifestyle changes: staying indoors, avoiding sun exposure.
- Use of sunscreens, sun-protective clothing.
- Poor dietary intake of vitamin D-rich foods.

# \* 3. Role of Vitamin D

- Known as the "sunlight vitamin".
- Essential for:
  - Bone health, muscle strength, and calcium absorption.
  - Preventing rickets in children and osteomalacia in adults.
  - Regulating blood pressure, reducing inflammation.
  - Lowering risks of:
    - Type 1 diabetes
    - Rheumatoid arthritis
    - Respiratory infections
    - Certain cancers

# 4. Recommendations

- Mid-day sun exposure (natural source).
- Dietary sources: fish, meat, egg yolk, fortified dairy products, mushrooms.
- Supplements recommended, especially since only 20% of oral intake is absorbed.
- Fortified foods and targeted screening also suggested.

# 🔔 5. Warning

Excess vitamin D can be toxic, hence supplementation should be monitored.

# **Vitamin D: Normal Range**

- Blood Level (25-hydroxyvitamin D):
  - Deficient: Less than 20 ng/mL
  - Insufficient: 20–29 ng/mL
  - Sufficient/Normal: 30–50 ng/mL
  - Upper safe limit: Up to 100 ng/mL
  - Toxicity risk: Above 150 ng/mL

# Sources of Vitamin D

# 1. Sunlight (Primary Source)

- UVB rays from sunlight help the skin produce Vitamin D.
- 15–30 minutes of sun exposure (midday, face & arms) several times a week is ideal.

# 2. Food Sources

- Fatty Fish (salmon, sardines, tuna, mackerel)
- Cod Liver Oil
- Egg Yolks
- Fortified Foods (milk, orange juice, cereals)
- Mushrooms exposed to UV light

# 3. Supplements

- Vitamin D2 (ergocalciferol) plant-based
- Vitamin D3 (cholecalciferol) animal-based, more effective at raising blood levels

# GS Paper-wise Relevance

# **GS II: Governance**

- Public health systems need to address widespread nutritional deficiencies.
- Preventive health policies, awareness, and community outreach are key.

# **GS III: Science and Technology**

- Role of vitamin D in cellular function, immune regulation, and chronic disease prevention.
- Importance of biotechnology in food fortification and supplement development.

- **Q.** With reference to Vitamin D deficiency in India, consider the following statements:
- 1. Over 70% of orally consumed vitamin D is absorbed by the human body.
- 2. Deficiency of Vitamin D can lead to rickets in children and osteomalacia in adults.
- 3. Vitamin D plays a role in regulating blood pressure and lowering the risk of autoimmune disorders.
- 4. India has launched a national scheme to provide free vitamin D supplements through public hospitals.

Which of the above statements is/are correct?

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

# Countrywide survey reveals deficits in student learning

<u>Punjab, Kerala among top performers</u>; Grade-level gaps seen in key subjects such as mathematics and language; PARAKH RS finds that 54% of Class 9 students can identify main points of a text

## A. M. Jigeesh

**NEW DELHI** 

he results of the Performance Assessment, Review, and Analysis of Knowledge for Holistic Development Rashtriya Sarvekshen (PA-RAKH RS), formerly known as the National Achievement Survey (NAS), have revealed that Punjab, Himachal Pradesh, Kerala, Dadra Nagar Haveli and Daman & Diu and Chandigarh are the best performing States and Union Territories in school education.

PARAKH RS assessed performance of 21,15,022 children in Grades 3, 6 and 9 from 74,229 schools in 781 districts of the country in the following subjects: language and mathematics (for Grades 3, 6, and 9), the world around us (for Grades 3 and 6), and science and social science (for Grade 9). As many as 2,70,424 teachers and school leaders responded through questionnaires.

Punjab, Himachal Pradesh and Kerala emerged as the top performing States in Grade 3. Kerala, Punjab and Dadra Nagar

# Survey snapshots

The PARAKH Rashtriya Sarvekshan was conducted on December 4, 2024, covering 21,15,022 students from both government and private schools in Grades 3, 6 and 9



- Punjab, Himachal Pradesh, Kerala, Dadra Nagar Haveli and Daman & Diu and Chandigarh are the best performers in school education
- Kendriya Vidyalayas recorded the lowest performance in Mathematics in Class 3
- In Class 6, government-aided and State government schools showed poor performance in Mathematics
- For Class 9, Kendriya Vidyalaya students performed the best across all subjects

Haveli and Daman & Diu were the top performers for Grade 6. Punjab, Kerala and Chandigarh were the best performing States for Grade 9. The Kendriya Vidyalayas, run by the Union government, recorded the lowest performance in mathematics in Grade 3. In Grade 6, government-aided and State government schools showed weak performance in mathematics. For Grade 9, students from Kendriya Vidyalayas performed the best across all subjects, particularly in language.

The results found that in Grade 3, 67% students know and use enough words to carry out day-today interactions effectively and could guess the meaning of new words by using existing vocabulary.

### Figuring it out

In mathematics, 68% students in Grade 3 could sort objects into groups and sub-groups based on more than one property, while 69% could identify and extend simple patterns in their surroundings, shapes, and numbers. Only 55% could arrange numbers up to 99 in ascending and descending order.

In Grade 6, only 54% could represent numbers using the place value structure of the Indian number system, and knew and

could read the names of very large numbers. Only 38% students could solve puzzles and daily-life problems involving one or more operations on whole numbers.

Only 38% of Grade 6 students asked questions and made predictions about simple patterns (season change, food chain, phases of the moon, movement of stars and planets, shapes of trees, plants, leaves, and flowers, rituals, celebrations) observed in the immediate environment.

In Grade 9, 45% of students could explain how the Constitution came to be and understood the ideas and ideals of the Indian national movement enshrined in it as well as those drawn from India's civilisational heritage. About 54% of students could identify the main points in a text from careful listening or reading of news articles, reports or editorials.

Only 31% could explore and understand sets of numbers, such as whole numbers, fractions, integers, rational numbers, and real numbers, and their properties, the survey results said.

# 1. Background of the Survey

- Conducted by: PARAKH (Performance Assessment, Review and Analysis of Knowledge for Holistic Development).
- Date: December 4, 2024
- Coverage:
  - 21,15,022 students
  - Classes: Grades 3, 6, and 9
  - **781 districts**, both govt. & private schools
  - Subjects: Language, Mathematics, EVS, Social Science

# **5** 2. Top Performers

- Best performing States/UTs:
  - Punjab, Himachal Pradesh, Kerala, Dadra Nagar Haveli, Daman & Diu, Chandigarh
- Kendriya Vidyalayas (KVs) recorded:
  - Lowest performance in Grade 3 Maths
  - Best overall performance in Grade 9 (esp. language)

# 3. Key Learning Gaps Identified

# Grade 3:

- 67%: Could write daily interactions.
- 68%: Could group objects by more than one property.
- 55%: Could arrange numbers up to 99 in correct order.

- . -

# Grade 6:

- Only 38%: Could solve real-world number problems.
- Only 38%: Could answer questions on seasonal & planetary changes.
- Only 31%: Understood number properties (e.g., factors, remainders, place value).

# Grade 9:

- 54%: Could identify main points in an editorial/news article.
- 45%: Could explain how the Constitution works.
- Majority lacked grasp of Indian heritage, civics, and historical values.

# 4. Institutional Performance

- State government and aided schools: Weak in Class 6 Maths.
- Private schools: Outperformed government schools.
- Kendriya Vidyalayas: Strongest in Grade 9, weakest in early grades.

- **Q.** With reference to the PARAKH Rashtriya Sarvekshan survey conducted in 2024, consider the following statements:
- Punjab, Himachal Pradesh, and Kerala were among the top-performing states across all assessed grades.
- 2. Kendriya Vidyalayas consistently outperformed all schools in all subjects across grades.
- 3. Less than 40% of Class 6 students could solve real-life mathematical problems involving whole numbers.
- 4. Over 50% of Class 3 students were able to arrange numbers up to 99 correctly.

Which of the above statements is/are correct?

- A. 1 and 3 only
- **B.** 1, 3 and 4 only
- **C.** 1, 2 and 4 only
- **D.** All of the above

# The ECI does not have unfettered powers

he Election Commission of India (ECI) ordered a special intensive revision (SIR) of the electoral rassembly elections in November. Political parties in the Opposition have alleged that the SIR is aimed at disenfranchising thousands of voters in Bihar by disqualifying them on the grou that they are not citizens of India The ECI has denied this allegation and justified the revision. In the meantime, many petitions have been filed in the Supreme Court challenging the ECI's order. While challenging the ECT's order. While the controversy centres on the motive behind this exercise being conducted just a couple of month before elections, especially when electoral rolls were revised in 2024, this article focuses on the legality of this exercise and the powers of the ECI to undertake it.

Reasons for disqualification Article 326 of the Constitution declares that elections to the Lok Sabha and the Assemblies shall be Sabha and the Assemblles shall be held on the basis of adults suffrage. This means every adult person is they are not disqualified on certain specified grounds. There are two essential qualifications of the person should be citizen of India and should be aged not less than 18. The Representation of the People Act (BPIA), 1950, lays down disqualifications for registration as an elector. These are namely unsoundness of mind as declared by a competent court, and disqualification from voting as provided in Section IIA of the 1951 RPA. Conditions for registration as a voter are laid down in Section 19
of the RPA: the person should not
be less than 18 years of age and
they should be ordinarily resident
in a constituency. The term
in Section 20, which says a person
shall not be deemed to be
ordinarily resident merely because
they own or possess a dwelling
house in that constituency. Also, a
ordinarily resident if they absent a voter are laid down in Section F



The Special

Representation

Intensive Revision in Bihar does no conform with

powers in respect of the preparation of electoral rolls and the conduct of elections to Parliament, the State Legislatures,

and to the offices of the President and Vice President. Article 324 of the Constitution, which empowers the ECI to undertake characterised by the

exercise all powers in its discretion in areas which are not covered by any statute but shall act in accordance with the law wherever it exists. In Mohinder Singh Gill v. Chief Election Commissioner (1978) Chief Election Commissioner (1978 the Court stated the law as follow Firstly when Parliament or any State Legislature has made valid law relating to or in connection with elections, the Commission shall act in conformity with, not violation of, such provisions but where such law is silent, Article 324 is a reservoir of power to act for the avowed purpose of pushing forward a free and fair election

The qualifying date Let us look at the relevant provisions of the the RPA to get a perspective on the powers of the electoral rolls. Section 21 of the 1950 RPA deals with the preparation and revision of electoral rolls. It speaks of four stages of revisions: (i) before Assembly: (2) before each The qualifying date Assembly; (2) before each by-election; (3) on the direction of the ECI in any year; and (4) a or part of a constituency with the ECI recording reasons for doing so. All revisions except (4) are January. The only exception is (4) no qualifying date is mentioned because it can be done any time

The ECI order of June 24 mentions the qualifying date as 01/07/2025 and is a

characterised by the Supreme Court as a "reservoir of power" since the conduct of since the constitution, the gradient since the constitution, the gradient since the revision being done in Bihar is under the same Section. But sunder this provision, the quality since the conductance of the constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority unfettered that the Constitution should confer on any authority in unfettered that the Constitution should have been due to the confer on any authority of the Constitution should have been the revision being size of the constitution that the constitution should have been the revision being size of the constitution that the constitution of the constitution that the constitution of the constitution that the constitution t Similarly, the term 'special intensive revision' is not found in the law. The only case where a

the law. The only case where a special revision can be ordered by the ECI at any time is in relation to not in relation to one time. State. Thus, it is reasonable to conclude that the SIR in Bihar is conclude that the SIR in Bihar is provisions of the RPA. The ECI has provisions of the RPA. The ECI has power under Section 21 to undertake the exercise. Thue, but undertake the exercise. Thue, but that power is limited to a constituency or part of it under Section 21(3) of the Act. While enjoying enormous powers under Article 324, the ECI

is responsible to the rule of law and should be amenable to the norms of natural justice as per the Supreme Court. Electoral registration officers cannot not considered to the supreme Court. See that the supreme Court of the Supreme and should be amenable to the

### Grand ambitions, troubling questions

The Polavaram Banakacherla Link Project carries several risks

STATE OF PLAY

G.V.R. Subba Rao

he Andhra Pradesh go-vernment's ₹81,900 crore Polavaram Banakacherla Link Project, which aims to transfer surplus wate from the Godavari river to Ba-nakacheria in the drought-prone Rayalaseema region, is in limbo. This is a comentious that it violates the provisions of the Andhra Pradesh State Reorganisation Act, 2014. Last week, the expert ap-praisal committee denied rence required to conduct the

rence required to conduct the rence required to conduct the environmental impact assess-ment and environmental management plan for the pro-ject. The committee argued that the Godavari Water Disthat the Godavari Water Dis-putes Tribunal award must first be examined and that the Central Water Commission (CWC) should be consulted be-fore any environmental ap-provals are granted. The go-vernment has not yet commented on this decision. A political dialogue between A political dialogue between Telangana may be necessary to move the project forward.

to move the project forward. While the bold project seems to be a solution to Rava laseema's acute water scarc ty, a troubling question lies be-hind the grand ambition. Is the State mortgaging its future for a project that may never be economically viable or ecolog-ically sound?

On paper, the project is an engineering marvel. However, its scale demands scrutiny, particularly when weighed against its energy costs, envi-ronmental footprint, and lega uncertainties. The project will require an estimated 3,377 MW of power. This is a stag-gering demand for a fiscally

stressed State. Officials point out that the scheme will even-tually generate around 430 MW; this is barely a fraction of

MW; this is barely a fraction of what is needed to run it. The environment footprint of the project is alarming. The needed will cut through the cologically sensitive Nallamala forest and tiger reserve. A to-tal of 17,739 acres of forest land is proposed for use. It is also unclear why the

State is opting for an energy intensive solution when gravity-fed alternatives exist. The Krishna river, particularly the Srisailam reservoir, offers a natural gradient that could ir-rigate Rayalaseema with sig-nificantly less financial and environmental cost. Gravity-based projects such as Galeru-Nagari, conceived decades ago for this very purpose, re-main unfinished. Krishna river, particularly the

nain unfinished.

The project is being pro-cosed under the hybrid annui-y model, which combines entral grants, State equity oans, and private invest A special-purpose vehicle, la laharathi Corporation, has been set up to execute it. The been set up to execute it. The funding model envisions \$40,950 crore in loans, \$40,950 crore in loans, \$40,950 erore in loans, and \$40,950 erore in loans and \$40,950 erore in loans, \$40,950

placed on contractors.

Even if the finances and power needs are somehow

on the assumption that excess floodwaters from the Godava-ri are flowing wastefully into the sea. But this is unverified. And as noted earlier, the com mittee has already denied per mission for the terms of refe rence. Without clearance from the CWC. Central fund

ing is uncertain.
Telangana's Kaleshwaram
Lift Irrigation Project sets a
cautionary precedent. The
CWC refused to approve an
termining that water availability projections were exaggeated. The A.P. government's
proposal may face similar restrance, especially in the abon sharing surplus Godavari
flows.

ows. Telangana has already Telangana has already raised objections under the Arised objections under the Arised or an arised of the second of

lined. The Centre supported Karnataka's Upper Bhadra project just before elections. In Telangana, it adjusted the terms of reference on Krishna water allocation just before elections. As the TDP is back elections. As the TDP is back in the NDA fold, speculation is rife that the Godavari-Banaka-political harpaining. Chip, Rayalaseema's long-term war security should not be reduced to Delhi's short-term development in Rayalaseema development in Rayalaseema must happen through projects that are sustainable, legally defensible, and based on hydrological realities.

# How fast is India's fastest man?

Since 1968, 1,027 athletes from around 90 countries have run the 100 m faster than Animesh Kujur

#### DATA POINT

#### Vignesh Radhakrishnar

ast Saturday, Animesh Kujur became India's fastest man by breaking the national record in the men's 100 metres. He clocked 10.18 seconds in Greece, becoming the first In-dian to run the 100 m event under

10.2 seconds.

Chart I shows the best 100 m runs of all Indians equal to or before the second of 10.2 seconds; he is now the second fastest. On a parallel lane, Manikanta Hoblidhar ran the now the third fastest Indian.

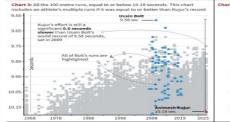
now the third fastest Indian. Since 1968, 1,027 athletes from around 90 countries have run the 100m faster than Kujur (Chart 2). Kujur's effort is still a significant 0.6 seconds slower than Usain Bolt's world record of 9.58 se-

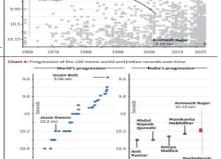
Bol's world record of 9.58 se-conds, set in 2009, which remains unbeaten (Chart 3). Bolt also holds the record for the second-fastest 100 m (9.63 seconds). Chart 4 shows the progression of the 100 m world and Indian re-cords over time. Kujur's national record is 0.02 seconds faster than the benefary serviner lesses the legendary sprinter Jesse Owens' best of 10.2 seconds, set in record is comparable to world re-cords set in the 1930s to 1950s.

On Saturday, Kujur broke Singh's record of 10.20 seconds, set earlier this year. Singh had sur-passed Hoblidhar's 2023 mark of passed Hoblidhar's 2023 mark of 10,23 seconds, who in turn had broken Amiya Mallick's 10,26 se-conds from 2016. Mallick had bet-to 10,30 seconds, ser in 2010, which had equalled Anil Kumar's record from 2005. In essence, over the past 20 years, Indian sprinters have improved their 100 m time by 0.12 seconds.

# Need for **speed**

hart 2: The best 100 metre runs, equal to or below 10.1 2005 2010 2015





#### FROM THE ARCHIVES The Frinde.

FIFTY YEARS AGO JULY 9, 1975

#### WHO panels clears genetic engineering

Geneva, July 7: The dangers of genetic engineering, aftering the structural foundation of top scientists has told the World Health Organization. The panel, meeting here privately at the end of last month, has made recommendations for action which, a WHO official said, would "give the amber light" to omciai said, would "give the amose ingnt" to research on artificial recombination of genes. This is a field which has caused disquiet among many scientists because of the prospect among "engineering" human beings by changing genes. "The field has tremendous implications in cancer research, for example," a WHO spokesman said yesterday. "But last year it was discovered that it could have unexpected and faral results." The details of the fatal results." The details of the recommendations by the Winh are being kept recommendations by the Winh are being kept secret until July 24. The committee heard a report from Dr. E.S. Anderson, of the London Central Public Health Laboratory on his work. We would be supported to the Committee discussed at some length the safety problems involved in the experimental handling of pathogenic work and the support of the safety problems involved in the support of the safety problems in the safety for the safety problems which are likely to stem from the new techniques which have recently become available." The statement added: "This powerful methodology amounts to determine the safety of the safety ations by the WHO's Advisory

#### A HUNDRED YEARS AGO JULY 9, 1925

#### Russo-Polish relation

Warsaw, July 8: Farther incidents on the Warsaw, July 8: Farther incidents on the Polish-Russian Frontier are reported. 20 Russian soldiers who crossed the frontier were fired on by the Polish Frontier Guards, who drove back the Russians, of whom one was mortally

The Political Police have recently arrested 200 oviet emissaries on the Eastern border. 

# How fast is India's fastest man?

Since 1968, 1,027 athletes from around 90 countries have run the 100 m faster than Animesh Kujur

# Need for **speed**

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The data for the charts are sourced from Worldathletics.org. In the charts, records which are yet to be

ratified by the Athletics Federation of India were not considered Chart 1: The best 100 metre runs of Indians, equal to or below 10.55 seconds. Chart 2: The best 100 metre runs, equal to or below 10.18 seconds. Each dot Only events recorded in Worldatheletics.org and ratified are presented represents one athlete and his best run equal to or better than Kujur's national record 9.55 **Animesh Kujur Usain Bolt** 10.15 10.18 sec 9.58 sec **Gurindervir Singh** 9.65 Manikanta Hoblidhar 10.25 9.75 Since 1968, 1,027 athletes from around 90 countries 9.85 10.35 have run the 100 m faster than Kuiur 9.95 10.45 10.5 10.55 10.15 **Animesh Kujur** 10.18 sec 2000 2005 2010 2015 2020 2025 1968 1978 1988 1998 2008 2019 2025

**Chart 3:** All the 100 metre runs, equal to or below 10.18 seconds. This chart includes an athlete's multiple runs if it was equal to or better than Kujur's record

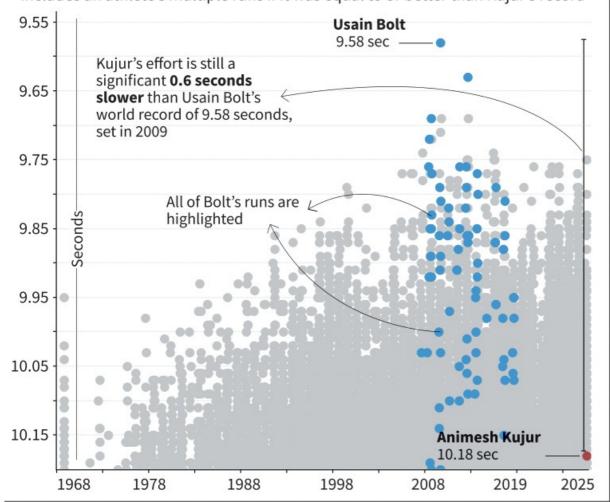
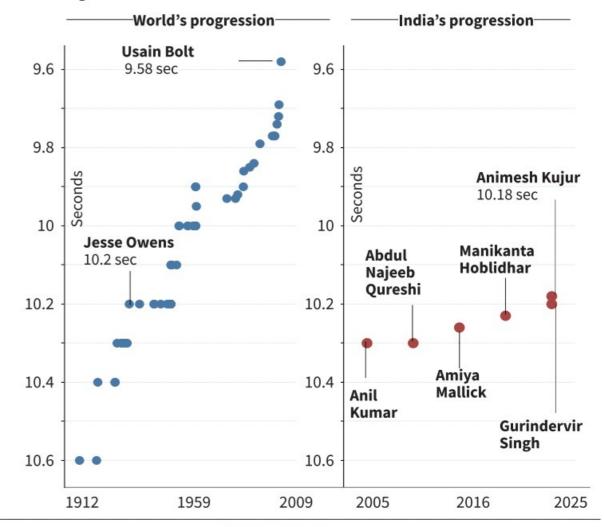


Chart 4: Progression of the 100 metre world and Indian records over time



#### DUBAL

Two killed in Red Sea attack as Yemen's Houthis resume strikes



An ongoing attack on a cargo vessel in the Red Sea has killed two people after Yemen's Houthi rebels resumed their campaign against shipping in the vital waterway. The Eternity, a Liberian-flagged bulk

#### RDUSSELS

Bulgaria becomes 21st member to adopt euro after EU green light



on January 1, 2026, making it the single currency area's 21st member. Bulgaria's switch from the lev to the euro comes nearly 19 years after the country joined the European Union. EU finance ministers officially set the euro at 1.95533 Bulgarian lev. APP

#### READERM AND DE

Eight dead, 31 missing in floods at border between China and Nepal



between China and Nepal on Tuesday, with at least eight killed and 31 missing. The wall of water also swept away the Friendship Bridge at Rasuwagadi, which is 120 km north of Kathmandu and one of the main bridges linking Nepal and China over the Bho

#### MOSCOW

Five Israeli soldiers killed:

Kremlin 'shocked' by the suicide of Minister terminated from service



of former Transport Minister Roman Starovoyt following his sacking by Russian President Vladimir Putin a day earlier. "It ca

# Trump, Netanyahu take lap of Trump to send mor victory to mark Iran strikes

Israeli PM nominates U.S. leader for Nobel Peace Prize, saying 'he's forging peace one region after the other; both leaders optimistic that their success in Iran would mark a new era in West Asia

sraeli Prime Minister Benjamin Netanyahu told President Donald Trump he was nominating the U.S. leader for a Nobel Peace Prize as the two took a victory lap on Monday to hail their recent joint strikes on Iran's nuclear facilities as an unmitigated

The two leaders sat The two leaders sat down with their top aides for a dinner in the White House Blue Room to mark the Iran operation and dis-cuss efforts to push for-ward with a 60-day cease-fire proposal to pause the 21-month conflict in Gaza. "He's foreign peace as 21-month conflict in Samuel "He's forging peace as



"Coming from you in particular, this is very mea-ningful," Mr. Trump told Mr. Netanyahu as the Prime Minister handed

him the nomination letter.
Mr. Netanyahu's outwardly triumphant visit to
the White House, his third
this year, was dogged by Israel's war against Hamas in
Gaza and questions over
how hard Mr. Trump will
much for an end to the push for an end to the

conflict.

But in an exchange before reporters before the
dinner got underway, both
leaders expressed optimism that their success in

mism that their success in Iran would mark a new era in West Asia.
"I think things are going to be really settled down a lot in the Middle East [West Asia]." Mr. Trump said. "And, they respect us and they respect us and they respect srael," he added.

### send more weapons' to Ukraine

#### Agence France-Presse

Five Israeli soldiers were killed in an attack in the northern Caza Strip, Is-constant of the Caza day, while health officials in the Palestinian territory said 51 people were killed in Israeli strikes. The soldiers deaths could add to pressure on U.S. President Donale U.S. President Donald Trump has said Washing-ton will send additional weapons to Ukraine, trig-gering Russian criticism af-ter Moscow claimed new gains in its grinding war against its neighbour.

The Kremiin warned on the Company of the Company of the Company of the Company after Mr. Trump's pledge wafter Mr. Trump's pledge

Mr. Netanyahu to strike a deal, as polls in Israel have shown widespread sup-port for ending the 21after Mr. Trump's pledge for "more weapons" for Ukraine to defend itself. month war. The soldiers were killed

The soldiers were killed roughly two weeks after israel reported one of its deadliest days in months in Gaza, when seven soldiers were killed after a Palestinian attached a bomb to the group's armoured vehicle. Ukraine to defend itself.

Mr. Trump's announcement to send weapons to
Ukraine on Monday followed Washington saying
last week that it was halting
some weapons shipments
to Kyiv, leaving Ukrainian
officials caught off guard
and scrambling for clarity.

# Israeli strikes kill 51 Gazans

Cry for help: Two children, whose ho under Israeli fire, arrive at the al-Aqsa hospital on Tuesday. REUTER

were detonated against the five soldiers during an op-eration in the Beit Hanoun area in northern Gaza, an

area in northern Gaza, an area where Israel has re-peatedly fought regroup-ing militants.

Health officials at Nasser Hospital, where victims of the Israeli strikes were ta-ken, said one strike target-ed tents sheltering dis-placed people in Khan

Younis in southern Gaza killing four persons. A sep-arate strike in Khan Younis killed four persons, includ-ing a mother, father and their two children, officials

#### Iran denies requesting for talks with the U.S. since war

#### Agence France-Presse

Iran said on Tuesday it has not made any request for talks with the United States after President Donald Trump said Tehran was seeking negotiations fol-lowing last month's war with Israel.

with Israel.

"No request for a meeting has been made on our side to the American side," said Iranian Foreign Ministry spokesman Esmaeil Bagaei, according to Tasnin

qaei, according to Tasnim news agency. Mr. Trump said on Mon-day that Iran was seeking talks with the United States and that talks have been

#### Soothing touch



#### ICC seeks arrest of Taliban leaders over women's persecution

Agence France-Presse

The International Criminal The International Criminal Court on Tuesday issued arrest warrants for senior Taliban leaders in Afghan-istan over the persecution of women, a crime against humanity. ICC judges said there were "reasonable grounds" to suspect Su-preme Leader Haibatullah Akhundzada and Chief Jus-tice Abdul Hakim Haqqani "have committed... the crime against humanity of persecution... on gender

grounds."
Meanwhile, India abstained in the UN General Assembly on a draft resolu-



to deliver outcomes that the global community envisions for the Afghans. The 193-member UN Genadopted the draft, intro-duced by Germany on 'The situation in Afghanistan'. The resolution was adopted with 116 votes in favour; two against and 12 absten-tions, including India.

#### German court rules at-risk Afghan family be given visas

A German court ruled on Tuesday that the govern-ment must issue visas to an Afghan family previously accepted under a pro-gramme for those at risk after the Taliban seized pow er in 2021.

The new government under conservative Chan-cellor Friedrich Merz has frozen the programme, but Berlin's administrative Berlin's administrative court said the family had been given a "legally bind-ing" commitment and must be allowed to travel to Germany. About 2,500 Afghans with similar ap-provals are estimated to be in Pakistan waiting to be able to travel to Germany.

#### Russia's main poll monitor stops work amid crackdown

#### Agence France-Presse

Russia's main independent voting observer Golos, which monitored the country's increasingly tightly-controlled elections for 25 years, announced its clo



ocars, amounted in closure on Tuesday.

Golos – which means voice' in Russian – had considered voting fraud across the huge country as elections under President Vladimir Putrin's long rule dimir Putrin's long rule derived the Kremlin's sweeping rule derived the considered voice of the Kremlin's sweeping and roo choice' but to end tas activity after the sentencing as it put its participants' air fisk'.

# Macron calls for the U.K. and Europe to de-risk ties with America and China

#### Sriram Lakshman

French President Emmanuel Macron made a strong plea for the U.K. and other European countries to de-risk their relationships with and decrease their re-liance on both the U.S. and China. Mr. Macron made

China. Mr. Macron made these remarks in an address to both House of the British Parliament on Tuesday of his three-day state visit to the U.K.

While his remarks on China are not unusual, the risk of partnering with the U.S. indicate the extent of the structural changes the transatlanter relationship



has undergone, following Donald Trump's return to "We will have, as well, to de-risk our two countries for the excessive depen-dencies on both the U.S. said, adding that he was not equating China and the U.S.

China could distort supply chains with its (excess) capacity and subsidies, Mr. Macron said, while also hitting out at the U.S. "The trade war is clearly an ex-plicit decision not to be compliant anymore with the WTO [World Trade Or-

anization]," he said. He spoke about Anglo-

He spoke about Anglo-French cooperation on cli-mate and blodiversity in the face of challenges to the planet, in the face of the new league of interna-tional reactionaries who deny science and facts, we also defend with one voice, mate ambitions towards mate ambitions towards carbon neutrality, phasing out fossil fuels and protect-

# said. On Gaza, Mr. Macron called for an immediate ceasefire without condi-

tions, in strong terms.
"Today, a dehumanisation is occurring there that can never be justified,\* he said, also calling for the re-best control of the control of the theory of the control of the by Harmas in October 2023. The French President is due to have a bilateral due to the control of the Minister Keir Starmer on Mednesday. The opera-tional part of the summit is well-bell of the control of the Mr. Macron outlined the cooperation they would seek on migration, energy, grant of the summit is due to the control of the cooperation of the control of the fence and security. tion is occurring there that

arian traffic in the Red
Sea.
Findangering German
personnel and disrupting
the control of the co

#### Germany says China targeted plane with laser over Red Sea

#### Agence France-Presse

Berlin on Tuesday said the Chinese military had tar-geted a laser at a German aircraft participating in an EU-led mission to protect marine traffic in the Red

# The German aircraft was targeted 'during a routine operation' while taking part in

ing a routine operation ing a routine operation— over the Red Sea while tak-ing part in the European Union's Aspides mission, a Sea operation of the Aspides Defence Ministry said.

The aircraft in question was a "multi-sensor plat-form" used as a "flying eye" for recommaissance.
Clear whether the laser was

clear whether the laser was a weapon or a laser gui-dance system.

# BRUSSELS

# Bulgaria becomes 21st member to adopt euro after EU green light



**AFP** 

EU ministers gave the final green light for Bulgaria to adopt the euro on January 1, 2026, making it the single currency area's 21st member. Bulgaria's switch from the lev to the euro comes nearly 19 years after the country joined the European Union. EU finance ministers officially set the euro at 1.95583 Bulgarian lev. AFP



Capital and largest city	Sofia 42°41'51"N 23°19'21"E	
Official languages	Bulgarian <sup>[1]</sup>	
Official script	Cyrillic	
Ethnic groups (2021 census <sup>[note 1]</sup> ) <sup>[2]</sup>	85.7% Bulgarians 8.5% Turks 4.5% Roma 1.3% Others	
Religion (2021 census) <sup>[2]</sup>	64.7% Christianity  62.7% Bulgarian Orthodoxy  2.0% other Christian 15.9% no religion 9.8% Islam 0.1% other 9.5% unanswered	
Demonym(s)	Bulgarian	
Government	Unitary parliamentary republic	
<ul><li>President</li><li>Vice President</li><li>Prime Minister</li><li>Chairperson of the National Assembly</li></ul>	Rumen Radev Iliana lotova Rosen Zhelyazkov Nataliya Kiselova	
Legislature	National Assembly	
Establishment history  • 1st Bulgarian Empire	681–1018	
• 2nd Bulgarian Empire	1185–1396	
<ul> <li>Principality of Bulgaria</li> </ul>	3 March 1878	
Independence from the Ottoman Empire	5 October 1908	
<ul><li>Monarchy abolished</li><li>Current state form</li></ul>	15 September 1946 15 November 1990	

Area	
• Total	110,993.6 <sup>[3]</sup> km <sup>2</sup> (42,854.9 sq mi)
	(103rd)
• Water (%)	2.16 <sup>[4]</sup>
Population	
<ul> <li>December 2024<sup>[5]</sup>     estimate</li> </ul>	▼ 6,437,360 (109th)
• 2021 <sup>[6]</sup> census	<b>▼</b> 6,519,789
• Density	58/km <sup>2</sup> (150.2/sq mi) (154th)
GDP (PPP)	2025 estimate
• Total	▲ \$264.699 billion <sup>[7]</sup> (73rd)
• Per capita	▲ \$41,901 <sup>[8]</sup> (55th)
GDP (nominal)	2025 estimate
• Total	▲ \$117.007 billion <sup>[8]</sup> (68th)
• Per capita	▲ \$18,522 <sup>[8]</sup> (59th)
Gini (2023)	▼ 37.2 <sup>[9]</sup>
	medium inequality
HDI (2023)	▲ 0.845 <sup>[10]</sup>
	very high (55th)
Currency	Lev (BGN)

Banknotes	
Freq. used	€5, €10, €20, €50, €100 <sup>[2]</sup>
Rarely used	€200, €500 <sup>[2]</sup>
Coins	
Freq. used	1c, 2c, 5c, 10c, 20c, 50c, €1, €2
Rarely used	1c, 2c (Belgium, Estonia, Finland, Ireland, Italy, Lithuania, Netherlands, Slovakia <sup>[3][4][5][6]</sup> )
	Demographics
Date of introduction	1 January 1999; 26 years ago
Replaced	European Currency Unit
User(s)	primary: § members of Eurozone (20), also: § other users
	Issuance
Central bank	European Central Bank
Website	www.ecb.europa.eu ☑
Printer	see § Banknote printing
Mint	List of mints
	Valuation
Inflation	1.9% (May 2025) <sup>[7]</sup>
Source	ec.europa.eu ௴
Method	HICP
Out to the second second	see § Pegged currencies

# **COUNTRIES USING THE EURO** Current Eurozone ERM II (pre-member) Non-euro EU countries Non-EU but using Euro WORLD IN MAPS With EU approval Without EU approval



The second edition of the North Eastern Region (NER) District Sustainable Development Goals (SDG) Index Report (2023-24) was released by NITI Aayog.

**About** 

The Index is developed by NITI Aayog and the Ministry of Development of North Eastern Region (MoDoNER), with support from the United Nations Development Programme.

The Index, builds upon the momentum of the first edition released in 2021, measures the performance of districts across eight North Eastern States on the SDGs.

- •Districts are categorised into four categories:
  - Achiever: Score equals 100 (achieved the targets set for identified indicators);
  - Front Runner: Score between 65 and 99 (excluding 100);
  - Performer: Score between 50 and 65 (excluding 65); and
  - Aspirant: Score less than 50.
- •All districts in Mizoram, Sikkim and Tripura have achieved Front Runner status, with no districts falling in the Aspirant or Achiever categories.
  - Mizoram has the highest-scoring district in the entire Northeast region (Hnahthial at 81.43) and Arunachal Pradesh has the lowest-scoring district in the entire region (Longding at 58.71).

Top 10 Districts				
State	District	Score	Rank	
Mizoram	Hnahthial	81.43	1	
Mizoram	Champhai	79.86	2	
Tripura	Gomati	78.79	3	
Nagaland	Mokokchung	78.43	4	
Tripura	West Tripura	77.64	5	
Nagaland	Kohima	76.93	6	
Tripura	South Tripura	76.71	7	
Sikkim	Gangtok	76.64	8	
Mizoram	Kolasib	76.50	9	
Nagaland	Dimapur	76.29	10	

### Colombia and Uzbekistan Joined New Development Bank (NDB)

Colombia and Uzbekistan have officially joined the **New Development Bank (NDB)**, expanding the multilateral lender's membership to 11 countries.

**New Development Bank (NDB)** 

**Establishment:** The NDB was founded in July 2014 at the **6th BRICS Summit in Fortaleza**, Brazil, and became operational in July 2015.

Headquarters: Shanghai, China

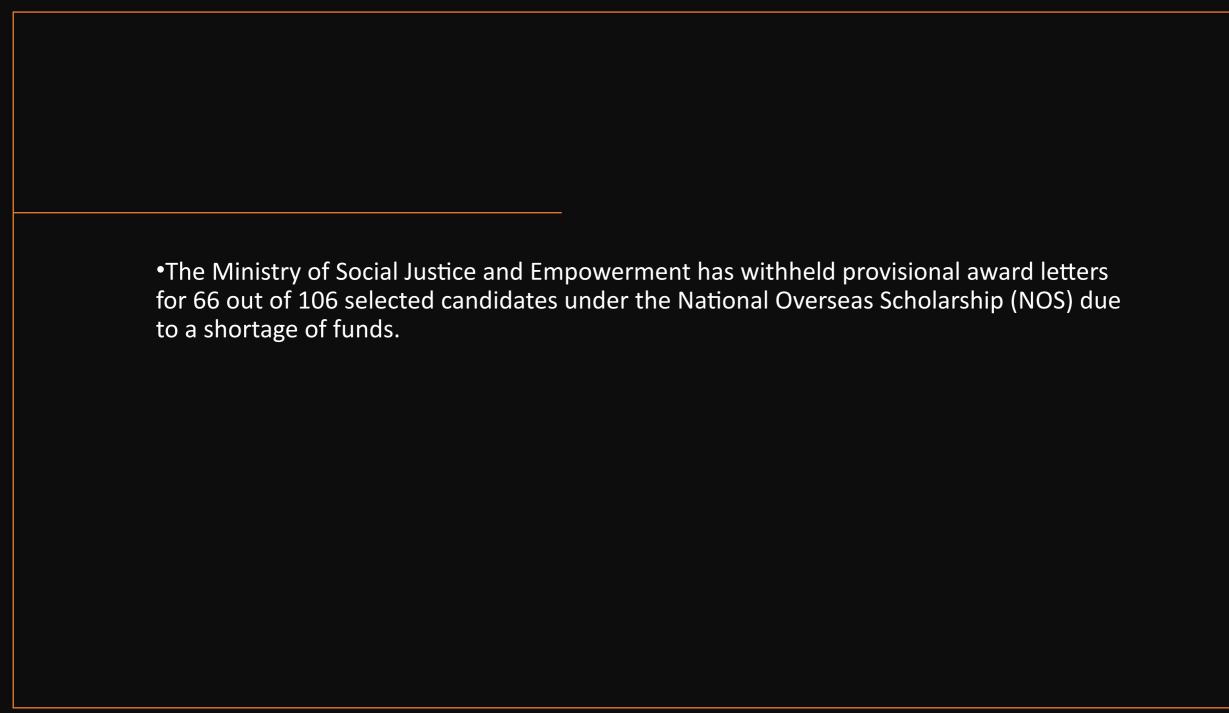
Mandate: The bank's primary goal is to finance infrastructure and sustainable development projects that contribute to economic growth and development in member countries and beyond.

**Capitalization:** The initial authorized capital of the NDB is \$100 billion, with each founding member contributing an equal share.

**Members:** India, Brazil, Russia, China, South Africa, Bangladesh, UAE, Egypt, and Algeria are members of NDB.

**Governance:** The NDB is governed by a **Board of Governors and a Board of Directors**, with each member country having equal voting rights, reflecting the principle of equality among founding members.

# National Overseas Scholarship Scheme



#### What is the National Overseas Scholarship Scheme?

• A Central Sector Scheme that enables students from marginalised communities to pursue higher education abroad (Master's or Ph.D.) by offering financial assistance for tuition, living expenses, and other costs.

#### **Launched By:**

- Ministry: Social Justice and Empowerment
- Target Groups:
  - Scheduled Castes (SCs)
  - Denotified, Nomadic & Semi-Nomadic Tribes
  - Landless Agricultural Labourers
  - Traditional Artisans

#### • Eligibility Criteria:

- Academic Qualification:
  - For Master's Bachelor's degree with ≥ 60%
  - For Ph.D. Master's degree with ≥ 60%
- Age Limit: Not more than 35 years as on April 1 of selection year.
- Income Ceiling: Annual family income should not exceed ₹8 lakh.
- University Requirement: Unconditional admission in Top 500 QS-ranked institutions.
- Others:
  - Not already studying/settled abroad
  - Max 2 children per family eligible (second only if seats remain)

## Word of the day

#### Sodden:

wet through and through; thoroughly wet

Synonym: soppy

Usage: He wrung out his sodden shirt.

Pronunciation: newsth.live/soddenpro

International Phonetic

Alphabet: /ˈsɒ.dən/



### STILL CONFUSED! **HOW TO PREPARE**

**RASonly** 

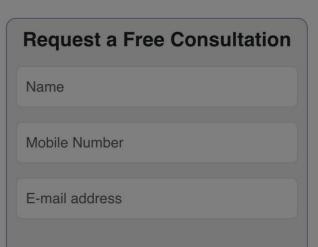
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