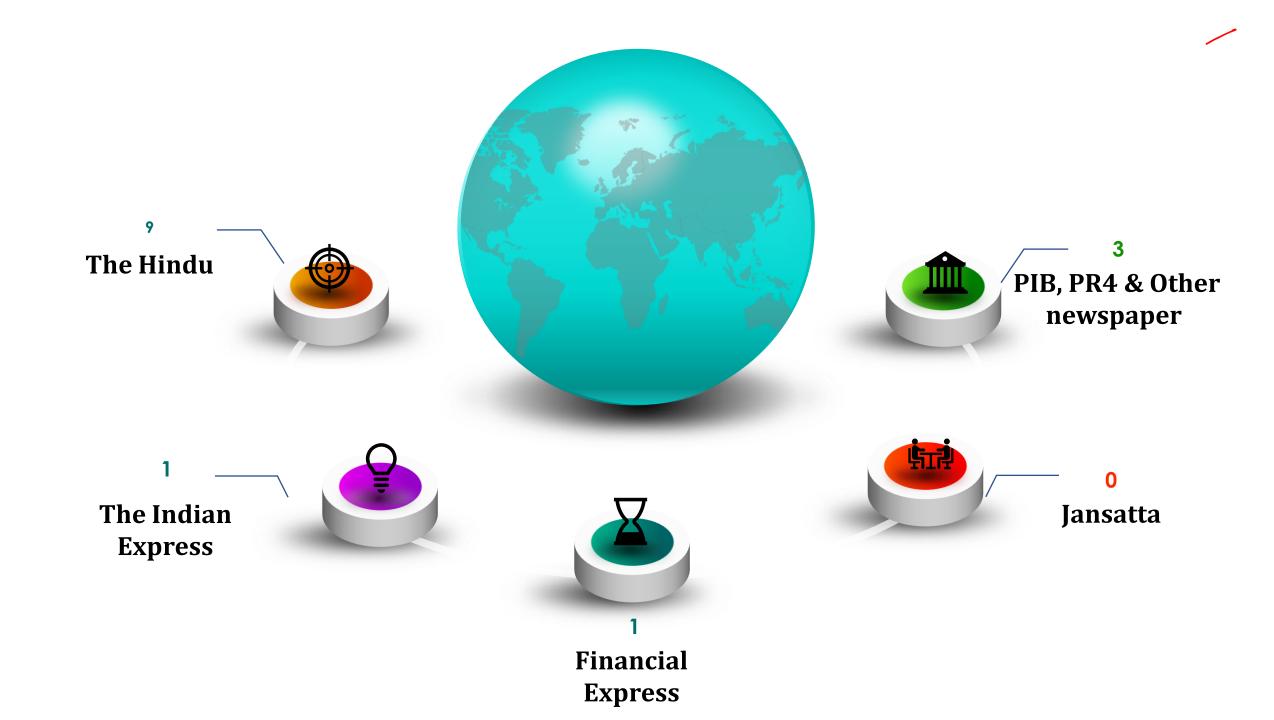
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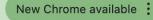
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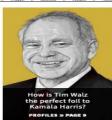
Things will work out.







Singh dies at 95 NEWS » PAGE S



### INSIDE



### Police volunteer held for Kolkata doctor's murder

KOLKATA
The Kolkata Police on Saturday arrested Sanjay Roy, a civic police volunteer in the alleged rape and murder of a doctor, a postgraduate trainee, at the R.G. Kar Medical College, which triggered massive protests across medical colleges in West Bengal. » PAGE 5

### 2 soldiers killed, four injured in gun battle in J&K

SPINAGAR

SRINAGAR
Two soldiers were killed and
four injured in an ongoing
anti-militancy operation in
south Kashmir's Anantnag,
where a group of militants wa engaged in a fireght by the security forces in a forest area on Saturday. Two civilians were injured in the crossfire, officials said. » PAGE 3

### 'Russia no longer admitting Indians to its military'

NEW DELHI NEW DELHI
Russia no longer admits
Indians into its Army, the
Russian Embassy disclosed in a
statement, adding that Russian
and Indian authorities are in
"close coordination" to help
discharge Indian nationals
recruited for the war in
Ultrain. > DAGE 3

### Bangladesh Chief Justice quits; Hindus seek safety

Resignations in judiciary follow ultimatum from students demanding exit of those loval to Hasina's Awami League; key university heads also quit; thousands demonstrate on Dhaka for the second consecutive day demanding safety, interim goyt, chief Yunus condemns attacks on minorities as 'heinous', urges students to protect people of all faiths

angladesh's Chief Justice Obaidul Hassan resigned on Saturday amid protests by students who demanded his resignation as well as a restructuring of the country's judiciary.

country's judiciary.
Two Appellate Division judges, Justice Mohammad Abu Zafor Siddique and Justice Kashefa Hussain, also resigned, according to Supreme Court sources. The students had given

Justice and other justices of the Appellate Division, who they said were loyal to the Awami League. Dhaka University Vice-Chancellor A.S.M. Maksud Kamal, Shahjalal Universi-ty of Science and Technol-com (SIST) Vice, Chancel.

ogy (SUST) Vice-Chancel-lor Farid Uddin Ahmed, and Bangla Academy Di-

rector-General Md Harun-Ur-Rashid Askari too stepped down from their posts on Saturday. Thousands of protesters staged a demonstration in Dhaka for the second cona two-hour ultimatum for the resignation of the Chief safety. They warned that if



Peace process: Head of the interim go

immediate steps were not taken to stop the persecution of Hindus, they would initiate continuous protest

says Nirmala NEW DELET

NEW DELHI
As the turmoil in Bangladesh
caused tension for Indian
textile firms invested there,
Finance Minister Nirmala
Sitharaman expressed hope
that the interim government

Hope normalcy

returns soon.

the attacks on minorities, calling them "heinous" and urged students to pro-tect all Hindu, Christian,

### and Buddhist families from

and Buddhist families from harm.

"Are they [minorities] not the people of this coun-try? You have been able to save the country; can't you save some families," he asked during a session with studence at Banum with students at Begum Rokeya University in Rang-pur on Saturday.

pur on Saturday.

According to the Bangla-desh Hindu Buddhist Christian Unity Council and the Bangladesh Puja Udjapan Parishad, at least 205 incidents of attacks on minorities have occurred

# Cases withdrawn The Law, Justice, and Par-liamentary Affairs decided to withdraw all cases filed between July I and August

5, which were perceived as attempts to suppress recent mass protests. Cases filed under the Anti-Terrorism Act and the Cyber Se-curity Act will also be withdrawn.

BANKER-TURNED-RULER » PAGE 9

### Legacy bearers



### SEBI chief had stake in funds tied to Adani report: Hindenburg Research person authorised to oper-ate the accounts", it al-leged.

Almost 18 months after Hindenburg Research flagged allegations of malfeasance and stock price manipulation at the Adani l'essistance and stock senses agroup of companies, the U.S.-bassed short seller on U.S.-bassed short seller on Chairperson of India's stock market regulator, in charge of probing these is a constant of the Chairperson of India's stock market regulator, in charge of probing these is a constant of the Chairperson of India's stock market regulator, in charge of Securities and Exchange Board of India (SEB) Chairperson Madhabi Puri Chairperson Madhabi Puri Chairperson Madhabi Puri

# 

Buch and her husband.

wantens futures turough complex structures. Weeks ahead of her ap-pointment as a wholetime SEBI member in 2017, Mr. Buch had written to a Mauritius fund administra-tor to make him the "sole

It also cited an account statement dated February 26, 2018, addressed to what it alleged was Ms. Buch's private e-mail ac-

count.

It pegged the value of their stake in a fund called the stake in a fund called Fund D' under the aegis of Global Dynamic Opportunities Fund Lid (GDOF), optoportunities Fund (GDOF), optoportunities Fund (GDOF), optoportunities Fund (GDOF), optoportunities Fund Lid (GDOF), optoportunities Fund (GDOF), optoportun

in GDOF, GDOF Cell 90. Hindenburg alleged, was the "exact same Mauritius-registered 'cell' of the fund found several layers deep in a convoluted structure, reportedly used by Vinod Adani", the brother of Gau-tam Adani named in its re-

tam Adani named in its report into the Adani group.
Drawing a connection to
the Supreme Court's finding that SEBI had "drawn a
blank" in its investigations
into who funded Adani's
offshore shareholders,
Hindenburg, which had recently, gor, a show-cause cently got a show-cause notice from SEBI, re-marked: "We find it unsurprising that SEBI was reluc-tant to follow a trail that may have led to its own chairperson."

### Prime Minister visits Kerala, offers all possible aid | 93 killed in Israeli strike on for rehabilitation efforts in landslide-hit Wayanad | Gaza school-turned-shelter

State was sent to the State

to assess the gravity of the situation. Teams from the

Prime Minister Narendra Modi said on Saturday that the Centre would provide all possible help in the re-lief and rehabilitation work in the landslides-hit areas of Wayanad in Kerala.

Chairing a review meet-ing at the Wayanad Collectorate here after visiting the affected villages and survivors, Mr. Modi said supporting the victims of the catastrophe was the need of the hour and funds would not be a constraint. The Centre would stand to-

The Centre would stand to-gether with the Kerala go-vernment to help those who lost everything in the disaster, he said. "This disaster in Waya-nad is not an ordinary one. The dreams of thousands of families have been shat-tered. I have seen the situa-



victims at relief camps who faced this disaster. I also

faced this disaster.' I also met the injured patients, he had the Union go-vernment would make all efforts to fulfil all requests ment. He added that when he was informed of the landslides, a Minister of

"I want to assure the fami-lies of the deceased that they are not alone. We are all standing with them. The State and Union govern-ments will ensure that no work is hampered due to dearth of money," the Prime Minister added.

"I saw and experienced a disaster very closely around 47 years ago when a dam at Morbi in Gujarat a dam at Morbi in Gujarat was destroyed following heavy rain, and Morbi city was flooded. More than catastrophe I stayed there for about six months as a volunteer. I can under-stand these circumstances and I assure you that the country and the Govern-

added.
Mr. Modi reached Wayanad in an IAF helicopter
around 12.15 p.m. along
with Kerala Governor Arif
Muhammad Khan, Chief
Minister Pinarayi Vijayan
and Union Minister of State for Petroleum, Suresh Go He spent around 50 mi-

nutes in the disaster zone nutes in the disaster zone. The Prime Minister visited the relief camp at the St Jo-seph's School in Meppadi around 2.40 p.m. and inter-racted with 12 victims, in-cluding orphaned stu-dens and also under the dense of the areas affected by the land-sildes, which claimed 239 lives. Over 130 persons are still missing.

CENTRAL TEAM INSPECTION \* PAGE 2

killing at least 93 people, month-old war between Israel and Hamas.

Hamas denounced the "dangerous escalation" in north Gaza, which came after international mediators invited the warring sides to resume talks towards a ceasefire and hostage-reease deal.

Israeli military said at least 19 Palestinian milileast 19 Palestinian mili-tants were killed the strike.
"It can be confirmed at this time that at least 19 Ha-mas and Islamic Jihad ter-rorists were eliminated" in the strike on the military said in a statement, citing

military aims. gate risks as it "precisely struck Hamas terrorists op-

Jordan's Foreign Minis-try said the timing was an indication of Israel's efforts to "obstruct and thwart" the peace push. Qatar, one of the mediators, called for an "urgent international investigation" into strikes on school shelters. struck Hamas terrorists op-erating within a Hamas command and control centre embedded in the Al-Tableen school".

The military has repeat-edly made similar accusa-tions after strikes on



sheltering displaced people in Gaza City on Saturday. REUTERS

denied using schools and other civilian facilities for The military said it took "numerous steps" to miti-

Jordan's Foreign Minis

# Bangladesh Chief Justice quits; Hindus seek safety

Resignations in judiciary follow ultimatum from students demanding exit of those loyal to Hasina's Awami League; key university heads also quit; thousands demonstrate on Dhaka for the second consecutive day demanding safety; interim govt. chief Yunus condemns attacks on minorities as 'heinous', urges students to protect people of all faiths

### Rabiul Alam

**DHAKA** 

Justice Obaidul Hassan resigned on Saturday amid protests by students who demanded his resignation as well as a restructuring of the country's judiciary.

Two Appellate Division judges, Justice Mohammad Abu Zafor Siddique and Justice Kashefa Hussain, also resigned, according to Supreme Court sources.

The students had given a two-hour ultimatum for the resignation of the Chief

Justice and other justices of the Appellate Division, who they said were loyal to the Awami League.

Dhaka University Vice-Chancellor A.S.M. Maksud Kamal, Shahjalal University of Science and Technology (SUST) Vice-Chancellor Farid Uddin Ahmed, and Bangla Academy Director-General Md Harun-Ur-Rashid Askari too stepped down from their posts on Saturday.

Thousands of protesters staged a demonstration in Dhaka for the second consecutive day, demanding safety. They warned that if



**Peace process:** Head of the interim government, Muhammad Yunus visits the house of a slain protester in Rangpur on Saturday. AFP

immediate steps were not taken to stop the persecution of Hindus, they would initiate continuous protest programmes.

Muhammad Yunus, chief adviser of the interim government, condemned

### Hope normalcy returns soon, says Nirmala

### **NEW DELHI**

As the turmoil in Bangladesh caused tension for Indian textile firms invested there, Finance Minister Nirmala Sitharaman expressed hope that the interim government will restore normalcy "sooner than later." » PAGE 3

the attacks on minorities, calling them "heinous" and urged students to protect all Hindu, Christian, and Buddhist families from harm.

"Are they [minorities] not the people of this country? You have been able to save the country; can't you save some families," he asked during a session with students at Begum Rokeya University in Rangpur on Saturday.

According to the Bangladesh Hindu Buddhist Christian Unity Council and the Bangladesh Puja Udjapan Parishad, at least 205 incidents of attacks on minorities have occurred across 52 districts since the fall of the Sheikh Hasinaled government on August 5.

### Cases withdrawn

The Law, Justice, and Parliamentary Affairs decided to withdraw all cases filed between July 1 and August 5, which were perceived as attempts to suppress recent mass protests. Cases filed under the Anti-Terrorism Act and the Cyber Security Act will also be withdrawn.

### **BANKER-TURNED-RULER**

» PAGE 9

### **MORE REPORTS**

» PAGE 12

# Resignation of Chief Justice:

 Bangladesh's Chief Justice Obaidul Hassan resigned amid protests by students demanding his resignation and a restructuring of the judiciary. Two appellate division judges also resigned.

## Student Protests:

 Thousands of students protested in Dhaka, demanding safety and immediate steps to stop the persecution of Hindus. They warned of continuous protests if their demands were not met.

# Safety Concerns:

 The interim government led by Muhammad Yunus condemned the attacks on minorities, calling them "heinous" and urged students to protect all people of different faiths, including Hindus, Christians, and Buddhists.

## Withdrawal of Cases:

• The Law, Justice, and Parliamentary Affairs ministry decided to withdraw all cases filed between July 1 and August 5, which were perceived as attempts to suppress mass protests. Cases under the Anti-Terrorism Act and Cyber Security Act will also be withdrawn.

# 1.International Concerns:

1. The unrest has caused tension for Indian textile firms in Bangladesh, with Indian Finance Minister Nirmala Sitharaman expressing hope that the interim government will restore normalcy soon.

# SEBI chief had stake in funds tied to Adani report: Hindenburg Research

### Vikas Dhoot

NEW DELHI

Almost 18 months after Hindenburg Research flagged allegations of malfeasance and stock price manipulation at the Adani group of companies, the U.S.-based short seller on Saturday alleged that the Chairperson of India's stock market regulator, in charge of probing these issues, herself had a stake in obscure offshore entities used in what it alleged was 'the Adani money siphoning scandal'.

Citing documents from a whistleblower, Hindenburg Research alleged that Securities and Exchange Board of India (SEBI) Chairperson Madhabi Puri



SEBI had issued a show-cause notice on Hindenburg.

Buch and her husband, Dhaval Buch, held stakes in offshore Bermuda and Mauritius funds through complex structures.

Weeks ahead of her appointment as a wholetime SEBI member in 2017, Mr. Buch had written to a Mauritius fund administrator to make him the "sole

person authorised to operate the accounts", it alleged.

### **Account statement**

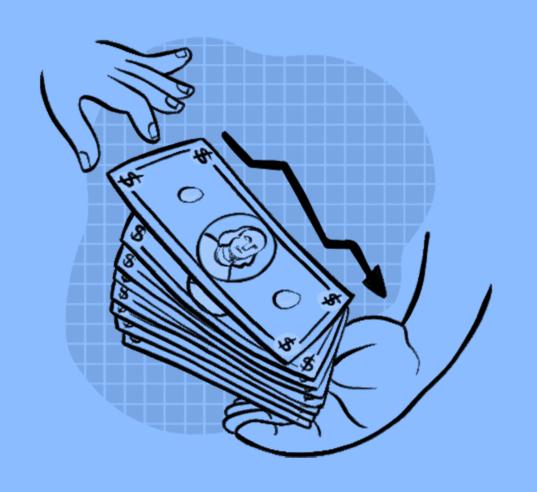
It also cited an account statement dated February 26, 2018, addressed to what it alleged was Ms. Buch's private e-mail account.

It pegged the value of their stake in a fund called "GDOF Cell 90 (IPEplus Fund 1)" under the aegis of Global Dynamic Opportunities Fund Ltd (GDOF), operated by IIFL Global, at over \$8,72,000.

Ms. Buch, the report alleged, had written to India Infoline from the alleged private e-mail account a day earlier, stating that Mr. Buch would like to redeem

100% of the units they held in GDOF. GDOF Cell 90, Hindenburg alleged, was the "exact same Mauritius-registered 'cell' of the fund found several layers deep in a convoluted structure, reportedly used by Vinod Adani", the brother of Gautam Adani named in its report into the Adani group.

Drawing a connection to the Supreme Court's finding that SEBI had "drawn a blank" in its investigations into who funded Adani's offshore shareholders, Hindenburg, which had recently got a show-cause notice from SEBI, remarked: "We find it unsurprising that SEBI was reluctant to follow a trail that may have led to its own chairperson."



# **Short Selling**

['short 'se-lin]

Investment activity in which the investor borrows securities and sells them in the hopes of then purchasing the securities at a lower price in the future.





# Whistleblower Documents:

 The allegations stem from documents provided by a whistleblower, suggesting that Buch and her husband, Dhaval Buch, held stakes in offshore funds in Bermuda and Mauritius.

## Offshore Fund Ties:

• The report points out that weeks before Buch's appointment as a full-time SEBI member in 2017, her husband had written to a Mauritius fund administrator to make him the sole operator of certain accounts.

### Account Statements:

 The account statements from 2018 indicate that the Buchs had a stake in a fund called "GDOF Cell 90 (IPEplus Fund 1)" under the Global Dynamic Opportunities Fund Ltd, with a value of over ₹8,72,000.

# Connection to Adani Group:

• The fund was allegedly linked to a structure used by Vinod Adani, brother of Gautam Adani, leading to questions about the neutrality of SEBI in its investigation of the Adani Group.

# 1. Response from Hindenburg:

1. Hindenburg found it unsurprising that SEBI was hesitant to follow the trail, which could have implicated its own Chairperson.



- **Denial of Allegations:** SEBI Chairperson Madhabi Puri Buch and her husband, Dhaval Buch, have denied the allegations made by Hindenburg Research, which claimed that they had a stake in an obscure offshore fund linked to the Adani Group.
- They stated that their investments were fully transparent and made while they were private citizens living in Singapore.
- **SEBI's Statement:** SEBI emphasized that it has robust mechanisms for addressing conflicts of interest, including a disclosure framework and recusal provisions.
- SEBI asserted that the regulatory processes were followed in accordance with the law.

• Investor Advisory: SEBI advised investors to remain calm and exercise due diligence before reacting to such reports.

**Hindenburg's Response:** Despite the denial, Hindenburg Research responded on social media, claiming that the clarification by the Buchs raised more questions and confirmed a "massive conflict of interest."

• Hindenburg also criticized SEBI's handling of the situation, accusing it of not acting transparently.

- According to SEBI's statement, how does the organization address potential conflicts of interest involving its members?
- 1.By conducting independent investigations into each case
- 2.By following a disclosure framework and recusal provisions
- 3.By seeking external legal opinions on all conflicts
- 4. By issuing immediate public notices and suspensions

- What is the primary allegation made by Hindenburg Research against SEBI Chairperson Madhabi Puri Buch?
- 1. She manipulated stock prices in favor of Adani Group.
- 2. She had a stake in offshore entities linked to the Adani Group.
- 3. She provided insider information to the Adani Group.
- 4. She obstructed the investigation against the Adani Group



### Women's issues, development on NCP agenda: Ajit Pawar

Maharashtra Deputy Chief Minister Ajit Pawar on Saturday said women's welfare, development and poverty alleviation were the planks of his Nationalist Congress Party and asserted he was getting a good response from people regarding getting a good response from people regarding the same. Speaking to reporters after offering prayers at the Sai Baba temple in Shirdi, he sidestepped questions on his ally BJP's "ringleader of corruption" remarks on his uncle and Opposition leader Sharad Pawar, saying that

### Committed to resolve Assam border dispute: Mizoram CM

Mizoram Chief Minister Lalduhoma on Saturday said his government was committed towards resolving the State's border dispute with resouring the state's border dispute with neighbouring Assam and ensuring peace along the boundary during his current term. "Several meetings have been held between the two States in the past, and the decisions mainly adhered to status one phile have meeting the status one status quo, which was not the right step towards establishing lasting peace, but delaying the peace process and resolving the border dispute process and resolving the border dispute amicably," he said in a statement after a brief meeting with an Assam delegation, which paid him a courtesy call at his official residence in Alzawl on Saturday. m

### Centre-appointed team inspects relief works in flood-battered Wayanad Inter-Ministerial team completes three-day visit to the disaster-hit region in Kerala; a total of 30

by the Union government to inspect relief works in flood-hit areas of Wayanad district in Kerala complet-ed its three-day visit on Sa-

urday. Until now, a total of 30 persons have been res-cued, 520 persons evacuat-ed and 112 bodies retrieved

'Released 11,200 crore' Data from the Home Minis-try indicates that over the past five years, the Union government has released around 11,200 crore as the Centre's share in the State Disaster Response Force (SDRF) out of the total fund of ₹1,780 crore

"This year, on April 1, the Kerala SDRF account had around ₹395 crore. The first instalment of the Central share of SDRF for the ongoing year of over ₹145.60 crore was released



Prime Minister Narendra Modi interacts with a child affected by the recent landslide at AWS Hospital in Wayanad on Saturday. PT

in advance on July 31." Ministry officials said. The Centre also re-

leased a sum of ₹445 crore for the State Disaster Miti-gation Fund in the past five

On July 30, due to inces-On July 30, due to inces-sant and heavy to extreme-ly heavy rainfall, a major landslide occurred at Mun-dakkai, Chooralmala, and Vellarimala villages in The Union government immediately sprung into action through the deploy-ment of over 1,200 res-cuers of NDRF, Army, Air Force, Navy, Fire services, and Civil Defence, among others for rescue and relie operations at the inciden

Medical support More than 100 ambulances

More than 100 ambulances along with doctors and other medical staff were deployed for medical sup-port and treatment. The Indian Army also erected a 190-foot Bailey bridge in Wayanad roll tar-ing the movement of heavy machinery and "Construction of this

bridge was completed in just 71 hours, significantly enhancing the rescue oper ennancing the rescue oper-ations by allowing heavy vehicles and machinery to be mobilised to rescue around 200 people who were stranded due to dam-age of the bridge," officials

### PM's visit offers optimism for rehabilitation

Biju Govind

The visit of Prime Minister Narendra Modi to the land-Narendra Modi to the land-slide-devastated villages in Wayanad on Saturday to evaluate the relief and reh-abilitation operations and connect with survivors gave a glimmer of hope to the Kerala government to initiate comprehensive rehabilitation in the

region.

Defying protocol, Mr.

Modi also extended his visit to Wayanad by more than two hours over the scheduled time.

scheduled time.
While the CPI(M) State
leadership is yet to officially comment on Mr. Modi's
visit, Minister for Tourism
and Public Works P.A. Mohamed Riyas, who has
been involved in the relief operations, reacted posi-tively to the day's tively to the developments.

### 'Good decision'

Mahavuti ally meets Pawar,

Leader of the Opposition in the Lok Sabha Rahul Gandhi thanked Mr. Modi for visiting Wayanad to personally take stock of the personally take stock of the tragedy. "This is a good de-cision. I am confident that once the Prime Minister sees the extent of the deThe Prime Minister extended his visit to Wayanad by more than two hours

vastation first-hand, he will declare it a national disas-ter," he posted on X. BJP State president K. Surendran said Mr. Modi's visit was timely and inpactful, "During this highly sured us that funds will not be an issue and that the Central government will

Central government will fully support Wayanad. We express our heartfelt graf-tude for his unwavering af-fection for Kerala and for us in times of crisis." However, Congress gen-eral secretary Jairam Ra-mesh took a dig at Mr. Mo-dii na post on X. "It is good that the non-biological PM a devastaintin trace(v. After a devastating tragedy. After this, he is scheduled to visit this, he is scheduled to visit Ukraine to stop the war once again. Hopefully, he will find the time and the inclination before then to also visit Manipur, which has been experiencing so much pain, anguish, and agony for over 15 menths now," he said.

### NIA arrests kev accused in Sri Lankan trafficking case from T.N.

+ The Hindu Bureau

key accused in Tamil Nadu in connection with a hu-man trafficking case in Sri Lanka, which was operated by a Sri Lankan indivi ation Tigers of Tamil Eelam

ation Tigers of Tamii Eelam (LTTE) terrorist organisa-tion on Saturday. According to an NIA press release, Seeni Aa-bulkhan was nabbed from Ramanathapuram, Tamii Nadu, three years after he

NIA investigations found that he, along with his associates, was in-volved in confining the trafficked victims in a boat in high seas before sending them to Mangaluru by train, car and bikes for further confinement. The further confinement. The case was originally regis-tered by the Mangaluru Gi-ty Police after searches led to the rescue of 13 Sri Lan-kan nationals from traffick-ers in June 2021, the re-leases extend. Epilography lease stated. Following this, the NIA took over the investigation and re-regis-tered the case.

NIA investigations re-vealed one Sri Lankan, identified as Eesan and having previous links with the terror outfit LTTE, to the terror outfit LTTE, to be the kingpin of the rack-et. He had colluded with the accused to illegally bring 38 Sri Lankan nation-als to various locations within Tamil Nadu after luring them with false pro-mises, the release said.

Besides the promise of helping them obtain legiti-mate documentation for migration to Canada, they

ment opportunities, it said. NIA had chargesheeted NIA had chargesheeted 10 accused, including three absconders, between Oc-tober 2021 and January 2024. Further investiga-tions are continuing for ap-

### Indian team's mobile | Yediyurappa takes app to reduce risk of on Siddaramaiah diseases wins award

Technology in Action award from Johns Hopkins Center for Digital Health and AI for their paper deand At for their paper de-scribing the effectiveness of a gamified virtual reality mobile app administered to students to reduce risk of infectious diseases.

of infectious diseases.

A team of researchers
and scientists led by inventor and serial deep-tech entrepreneur Bhargav Sri
Prakash from Friend-SLearn, along with Rema Padman from the Carnegie Mellon University Heinz College and Rahul Ladhania from the University of Michigan School of Public Health, has won the Health Information Technology in Action award at the 14th Conference on Health II and Analytics, for their peer-reviewed conference paper titled "Effect of AI Enabled, School Based, Mobile Health Gameplay on Infectious Disease Knowledge", according to the release.

The team's work with the team's work with the same w

The team's work with 'digital vaccines' demon-strates the potential of lo-wering incidence of a wide range of pathologies. Mr. Sri Prakash said: "Our breakthrough with digital breakthrough with digital vaccines continues to pave new frontiers in showcas-ing the power of artificial intelligence in preventing disease for future genera-tions around the world, safely, effectively, ethically and responsibly, which continues to be the motivaand responsibly, which continues to be the motiva-tion for our team of deep-tech engineers and scientists."

He explained: "A II-week longitudinal trial was undertaken in partnership with Usha Sriram at the Vo with Usha Sriram at the Vo-luntary Health Services Hospital, Chennai, at the Panchayat Union Middle School [PUMS], a govern-ment school catering to underprivileged children



The app uses a game-based approach and virtual reality to convey information

in Sriperumbudur, near Chennai. The study in-volved nearly 250 children in grades 1-8." The data showed that the app fooya! - had managed to in-

fluence health learning among the children. "Enhancing the health literacy of both children and adults is a public health challenge world-wide. Enabling this critical wide. Enabling this critical need via gamified (digital therapeutic approaches re-quires large-scale experi-orate of the composition of the generate strong evidence of benefit," said Prof. Pad-man. "This has motivated us to conduct several ran-domised field trials in the U.S., India, Botswana and other countries. The signif icant and promising results continue to inspire us to pursue the research, deve-lopment and deployment efforts for societal benefit".

6 Michael In Microsh 1 Melanos M Fratani Sulfdary SER SER Sero Culti Commit (MONT) on bashill of Turi Billi (SUBM DIF LT). Calibre Guest Membril (Surpose like for columbia of seasy audior the 1900 Act.

First study
Dr. Ladhania added:
"Based on the best-availa-ble knowledge, this is the first study which conducts trial to measure the effect of an AI-enabled educa-tional mobile health game on students' knowledge in a low- and middle-income school setting. Our results showed that a mobile game showed that a mobile game that embeds implicit learn-ing in the game mechan-ism can positively impact children's health learning outcomes and showed strong evidence for train-ing students early on." ing students early on."

# in political slugfest

The Hindu Bureau

"I may be 82, but I still have the strength to tour the State and fight to ensure your exit as Chief Minister," said veteran BJP leader B.S. Yediyurappa on Sa-turday while attacking Karnataka Chief Minister Siddaramaiah over his re-cent remarks against him. Mr. Siddaramaiah had

Mr. Siddaramalah had recently demanded that Mr. Yediyurappa retire from politics, citing the pending POCSO case against him on the charge of molesting a 17-year-old. In response, Mr. Yediyurappa, at the 'Mysuru Chalo' padavatra valedictory

programme here, said he programme here, said he would "not retire from pol-itics as long as he lives" and added that he would fight to ensure that Mr. Siddara-maiah retires before him. Mr. Yediyurappa further

challenged Mr. Siddaramaiah to dissolve the As-sembly and seek a fresh mandate.

"If elections happen now, the BJP and Janata Dal (Secular) alliance will (Secular) alliance will come to power by winning about 130 to 140 seats. The people are fed up with the misrule of the Congress go-vernment due to corrup-tion at the highest levels and development works coming to a grinding halt, said the veteran leader.

# sets off talk of joining MVA

Snehal Mutha

Prahar Janshakti Party (PJP) chief and former Minister Omprakash alias Bachchu Kadu on Saturday met Na-tionalist Congress Party (SP) chief Sharad Pawar in Pune, sparking rumours about him joining the Op-position Maha Vikas Aghadi (MVA) ahead of the Maharashtra Assembly election.

The visit came a day af-ter the Mahavuti ally

warned the ruling alliance of an election defeat over the non-fulfilment of farmthe non-fulliment of farm-ers' demands, including the implementation of Mi-nimum Support Price. Following the meeting with Mr. Pawar, he said: "We discussed issues con-



and persons with disabili-ties. For now, the decision regarding quitting Mahavu-

plish blue colours to th

saying he would "come to Mumbai" if his demands regarding farmers' issues were not met.

were not met.

Mr. Kadu is an ally of the
ruling Mahayuti. After Maratha quota activist Manoj
Jarange-Patil, Mr. Kadu has
also given an ultimatum to
the State government to fulfil his demands concerning
farmers and persons with
disability by September S.

### Neelakurinji that blooms once in 12 years included in Red List of threatened species

eelakurinji (Strobilanthe kunthiana), the purplish flowering shrub which blooms once in 12 years, has been included on the IUCN (International Union for Conservation of Na-ture) official Red List of ture) official Red List of threatened species. This is the first ever Global Red List assessment for this montane grasslands of southwest India. The latest global assess-ment confirms its threa-tened status in the Vulner-of, the IRICN. The mass

of the IUCN. The mass blooming of the flower is a huge tourist attraction. The blooming was report-ed recently, though not in a vast spread, at Peerumade

in Idukit.

The assessment was done by Amitha Bachan K.H. and Devika M. Anilkumar of the Centre for Ecology Taxonomy Conservation and Climate Change (CEtC) of the Western



Ghats Hornbill Foundation Ghats Hornbill Foundation at the Research Depart-ment of Botany, MES As-mabi College, Kodungal-loor, and reviewed by Aparna Watwe of the Western Ghats Plant Specialist Group.
"The species was consi-

dered threatened but was not evaluated against IUCN global standards until this assessment. Its distribution across the montane sky island landscapes in the Western Ghats, its na-ture of blooming once in 12 years, and lack of ecologi-cal studies were the major hindrances to a compreplish blue colours to the mountain grasslands and are popularly known as Neelakurinji (Blue Strobi-lanthes) blooms. They are semelparous with showy synchronous blooming and fruiting at every 12 years at the end of the life cycle, which has been reported since 1832.

Main threats

Main threats
Neelakurinji is threatened
mainly due to its fragile
habitat in the montane
high altitude grasslands
that has been under pressure of conversion for tea
and softwood plantations,
and urbanisation, say the hensive assessment," said Dr. Bachan. The scientists, who have been studying the ecology and conservation of some threatened species of the Western Ghats, were part of the Global Red List as-

sessment team. Strobilanthes kunthiana is an endemic shrub of maining is under pressure from invasion of exotic three metres height, seen only in the high-altitude shola grassland ecosys-tems of five mountain landspecies such as eucalyptus and black wattle. Infrasand black wattle. Infras-tructure development, af-forestation programmes and climate change pose a threat to the Neelakurinji. Hence, the species has been assessed as Vulnera-ble A2c." tems of five mountain land-scapes of southwest India at an elevation of 1,340-2,600 m. Known for their massive blooming, they impart pur-

### Anganwadi workers take back eggs from children; suspended

An Anganwadi worker and her assistant in Koppal dis-trict of Karnataka have been placed under suspension after a viral video clip showed the latter taking back boiled eggs from chil-

back boiled eggs from chil-dren's plates.

The worker Lakshmi and her assistant Shahanaz Begum were attached to the Gundur Anganwadi in Karatagi taluk. The incident happened a week ago and the video clip went viral on Thursday.

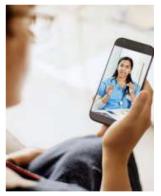
In the video, children in the Anganwadi, with boiled eggs served on their boiled eggs served on their plates, are seen reciting "Asatoma Sadgamaya..." and later, the Anganwadi assistant is seen picking up the eggs from their plates after the completion of the prayer. The Anganwadi worker is also seen in the video.

# Indian team's mobile app to reduce risk of diseases wins award

The Hindu Bureau CHENNAI

An India-led global team of research scientists has won the Health Information Technology in Action award from Johns Hopkins Center for Digital Health and AI for their paper describing the effectiveness of a gamified virtual reality mobile app administered to students to reduce risk of infectious diseases.

A team of researchers and scientists led by inventor and serial deep-tech entrepreneur Bhargav Sri Prakash from FriendsLearn, along with Rema Padman from the Carnegie Mellon University Heinz College and Rahul Ladhania from the University of Michigan School of Public Health, has won the Health Information Technology in Action award at the 14th Conference on Health IT and Analytics, for their peer-reviewed conference paper titled "Effect of AI Enabled, School Based, Mobile Health Gameplay on Infectious Disease Knowledge", according to the release.



The app uses a game-based approach and virtual reality to convey information.

in Sriperumbudur, near Chennai. The study involved nearly 250 children in grades 1-8." The data showed that the app fooya! - had managed to influence health learning among the children.

"Enhancing the health literacy of both children and adults is a public health challenge worldwide. Enabling this critical need via gamified digital therapeutic approaches requires large-scale experiments in the real world to generate strong evidence of benefit," said Prof. Padman. "This has motivated us to conduct several ran-

uic icicasc.

The team's work with 'digital vaccines' demonstrates the potential of lowering incidence of a wide range of pathologies. Mr. Sri Prakash said: "Our breakthrough with digital vaccines continues to pave new frontiers in showcasing the power of artificial intelligence in preventing disease for future generations around the world. safely, effectively, ethically and responsibly, which continues to be the motivation for our team of deeptech engineers and scientists."

He explained: "A 11-week longitudinal trial was undertaken in partnership with Usha Sriram at the Voluntary Health Services Hospital, Chennai, at the Panchayat Union Middle School [PUMS], a government school catering to underprivileged children

domised field trials in the U.S., India, Botswana and other countries. The significant and promising results continue to inspire us to pursue the research, development and deployment efforts for societal benefit".

### First study

Ladhania added: "Based on the best-available knowledge, this is the first study which conducts a multi-month randomised trial to measure the effect of an AI-enabled educational mobile health game on students' knowledge in a low- and middle-income school setting. Our results showed that a mobile game that embeds implicit learning in the game mechanism can positively impact children's health learning outcomes and showed strong evidence for training students early on."

# Award Recognition:

 An India-led global team of researchers and scientists has won the Health Information Technology in Action award from Johns Hopkins Center for Digital Health and AI.

# Research Study:

 The team was recognized for their research paper on the effectiveness of a gamified virtual reality mobile app designed to reduce the risk of infectious diseases among students.

# Team Composition:

• The research team includes inventor and deep-tech entrepreneur Bhargav Sri Prakash, along with members from various prestigious institutions like Carnegie Mellon University, Heinz College, and University of Michigan School of Public Health.

# Study Details:

 The study involved nearly 250 children in grades 1-8 from Sriperumbudur, near Chennai. The 11-week longitudinal trial was conducted in partnership with local health and educational institutions.

# **Impact of the Mobile App:**

• The data demonstrated that the mobile app had a significant impact on enhancing health literacy among children. The app uses a game-based approach to convey health information effectively.

### Significance:

• The app's success highlights the potential of digital vaccines and AI-driven educational tools to prevent diseases. The research also marks a pioneering effort in using AI-enabled mobile health games in low- and middle-income school settings.

- What is the main objective of the mobile app developed by the Indialed global research team?
- 1.To entertain students with virtual reality games.
- 2. To reduce the risk of infectious diseases among students.
- 3.To increase students' academic performance.
- 4. To promote digital literacy among rural communities.

# Poor insurance, diagnostic access in rural areas: study

### Bindu Shajan Perappadan

**NEW DELHI** 

Only 50% the rural households have government health insurance, 34% lack any health insurance and 61% have no life insurance, revealed the State of Healthcare in Rural India. 2024 report released recently. This is coupled with limited access to diagnostic facilities and affordable medicines, further posing challenges, the survey undertaken by the non-government organisation Transform Rural India's Development Intelligence Unit.

The survey covered 5,389 rural households with an average size of 5.7 members and spanned 21 States including Andhra Pradesh, Bihar, Maharashtra, Mizoram, Punjab, Tamil Nadu, and Uttar Pradesh. Only 12.2% of these households have access to subsidised medicines from the Pradhan Mantri Jan

### Inadequate protection

The survey found that a little over one in three of the 5,389 respondents in rural areas across 21 States did not have health insurance cover, for themselves or for those in their household

Private health insurance cover

3.4

Govt. health insurance cover

55.5

Have both private and govt. health insurance cover

7.1 (in %)



Source: State of Healthcare in Rural India, Transform Rural India

Aushadhi Kendras, while 21% lack a medical store in commutable distance, it says.

Only 39% of the respondents confirmed that there was a diagnostic facility within a commutable distance from their village to do blood tests or medical imaging. However, 90% of the respondents do not get a routine health check-up done unless a doctor suggests them to do so. Acces-

sibility to affordable medicine at government medical stores is a challenge for the rural population.

A total of 61% respondents had access within commutable distance from their village to a private medical store, whereas only 26% had access to a government medical store on the premises of a health facility that provides free medicines.

# Study Background:

- The findings are from the "State of Healthcare in Rural India, 2024" report by Transform Rural India's Development Intelligence Unit.
- The survey covered 5,389 rural households across 21 states, with an average household size of 5.7 members.

# Health Insurance Coverage:

- Only 50% of rural households have government health insurance.
- 34% of rural households lack any health insurance, and 61% have no life insurance.

# Limited Access to Healthcare:

- The survey highlights limited access to diagnostic facilities and affordable medicines in rural areas.
- Only 39% of respondents confirmed having a diagnostic facility within a commutable distance from their village.

# Challenges in Accessing Medicines:

- 12.2% of households have access to subsidized medicines from the Pradhan Mantri Jan Aushadhi Kendras.
- 21% of households lack a medical store within a commutable distance.
- Routine Health Check-Ups:
- 90% of respondents do not get a routine health check-up done unless advised by a doctor.

# **1.Access to Medical Stores:**

1. 61% of respondents have access to a private medical store within a commutable distance, while only 26% have access to a government medical store on the premises of a health facility that provides free medicines.

 According to the "State of Healthcare in Rural India, 2024" report, what percentage of rural households lack any form of health insurance?

1.50%

2.34%

3.61%

4.12.2%

### Hindutva group attacks Muslims in U.P. slum

Falsely claiming that the residents of a Ghaziabad slum were Bangladeshi members of the Hindu Raksha Dal thrashed them. damaged their huts, and burnt their household

burnt their household tiems on Friday. The police lodged an FIR against the accused, and clarified that accused, and clarified that gladeshis but Indians. Hindu Raksha Dal president Pinky Chaudhary, and the control of the property of the control of the property of the p

tion.
The FIR, based on a polsupporters accused the Videos of the attack show Chaudhary and his gang thrashing children and elderly

Muslims in the slum of being Bangladeshi. They then

ing Bangladeshi. They then abused them, pushed them, pushed them, beat them, shouted four huss.

"I explained to them that the people of the Mushat the people of the Mushat the slums are not Bangladeshis but they continued shouting slogans. Ighting dwellers, due to which some people got fujured slums were damaged," the

during the light and some slums were damaged," the FIR reads.

The videos of the attack, which went viral on social media, show Mr. Chaud-

hary and his gang thrash-ing children and elderly people in the slum. The victims also told the police that the accused never asked their nationality but only asked for their reli-gion. A few families in the slum were Hindus, the eyeesses said.

witnesses said.
Kavinagar Assistant
Commissioner of Police
Abhishek Srivastava told
The Hindu that the slum
was built on freehold land
and contained about 10 to
15 houses. During investigation, it became clear that
none of the people living
there were Bangladeshis.
"Police have filled a suf-

moto FIR against Chaud-hary and his 15 to 20 supparty and nis i to 20 sup-porters under relevant sec-tions for creating violence, causing hurt, and damag-ing property, among oth-ers," Mr. Srivastawa added.

### Hope Indian investments in Bangladesh are safe: Nirmala

Finance Minister says that she had got calls on textile garment investments which are mainly from Tamil Nadu: she expects interim government to settle things sooner and restore normalcy

he unrest in Ban-gladesh has created some uncertainty for Indian textile firms' in-vestments there, and the Indian government is hopeful that those invest-ments will remain safe and hopeful that those invest-ments will remain safe and the situation in the neigh-bouring country will re-turn to normalcy soon, Un-ion Finance Minister Nirmala Sitharaman said

on Saturday.
"I would say at this stage, I have had discus-



Trade ties: India supplies 20%-25% of the yam that Bangladesh uses for producing garments. REUTERS

ments went there in good faith because they thought textiles and garment could do well and they did do well, having gone there," These investments, the Minister said, also boosted exports from Bangladesh, including shipments to In-dia, because of the dutyincome and least deve-loped countries.

While the garments, fa-brics and textiles sectors brics and textiles sectors are seeing a 'bit of uncertainty' because of the situation, the Minister said: 'I hope that the investments are all safe... Other than that, at this stage, it is too early for me to see what kind of impact this situation in Bangladesh will have on our economy.'

"I hope that the intentile

government will settle things sooner rather than later, so that both the peo-ple of Bangladesh and In-dia can get back to normal-

### Congress calls for protection of minorities in Bangladesh

### The Hindu Bureau

Against the backdrop of the violence against Awami League activists, journal-ists, and religious and ethists, and religious and eth-nic communities in Bangla-desh, the Congress has called upon the interim go-vernment led by Muham-mad Yunus to take "force-ful steps" to deal with the situation.

hil steps" to deal with the situation.
"While noting that there have been influential voic-es within Bargiadesh cali-ing for the preservation of the country's multi-reli-national Congress express-es its concern at reports of targeted attacks on prioritargeted attacks on minori-ties there and their proper-ties and places of worship," Congress leader Jairam Ra-mesh said in a post on X.

### Nitin Gadkari warns Puniab of terminating NH projects

### Vikas Vasudeva

kari has cautioned Chief Minister Bhagwant Mann that eight severely affected highway projects in the State, estimated at ₹14,288 ed "if the situation does not improve".
Raising safety concerns

of National Highway Authority of India (NHAI) officers, contractors, and their staff, Mr. Gadkari said he had come to know of two untoward incidents that occurred on the Delhi-Ka-

in labardon; the Engi-neer of indiance in the Engi-neer of the Engineer of the Engineer of the assaulted. Although Fin has been registered in this regard, strong action is re-quired to be taken against the perpetrators. In Lud-hiana District, the project camp of the contractor of Delhi-Karta Expresswaw Delhi-Katra Expressway was attacked by miscreants who also threatened the engineers to burn the pro-ject camp and their staff alive. However, FIR has still not been filed and the miscreants have not been ar-

### Two soldiers killed, four injured in gun battle with militants in Anantnag

Two soldiers were killed and four injured in an ongoing anti-militancy opera-tion in south Kashmir's Anantnag, where a group of militants was engaged in a firefight by the security Saturday. "The encounter started at Ahlan Gagarmandu area of Anantnag district. Police and security forces are on the job," a Two civilians were in-

jured in the crossfire, offi-cials said. They said the skirmish

They said the skirmish began when a group of terrorists opened fire at the search parties comprising Area compared, including Area compared and the local police. In the ensuing gun bat-tle, six Army personnel and two civilians were in-

the injured soldiers were soon taken to a nearby hos-pital where two died short-ly after arrival.

sent to the encounter site to throw multiple layers of cordons around the trapped militants.



Earlier in the day, the police released sketches of four militants spotted in the areas of dhoks (mud hutments) of Bani, Malhar, and Seojdhar of Kathua district. 'A reward of 45 lash it being offered hutments of the control of the control is a second of the control of the con

leading to the capture or identification of each terro-rist," a spokesperson said. Meanwhile, J&K Lieute-Additional troops were

ha has handed over the appointment letter. pointment letter, on compassionate ground, to Renu Sharma, wife of Vijav

Kumar, who was killed in the Reasi terror attack in June this year.

"The Lt. Governor pro-mised all possible assis-tance and support from the J&K administration to the family of the martyred civilian," an official spokes-

man said.

Deceased Kumar was driving the bus that was carrying pilgrims when militants opened fire at it in Reasi. Nine persons, including eight pilgrims, were killed in the attack. (With PTI inputs)

### Veteran IAS officer T.V. Somanathan appointed next Cabinet Secretary

Saturday announced IAS officer T.V. Somanathan as the Cabinet Secretary-designate by appointing him Officer on Special Duty (OSD) in the Cabinet Secretariat. He will take over India's top bureaucratic position from August 30 when incumbent Rajiv Gauba's extended tenure ends. A 1987-batch IAS officer

and Finance Secretary in his previous posting, the veteran bureaucrat has been moved from the Finance Ministry to the Cabinet Secretariat for two

years. This old-style bureau-This old-style bureau-crat, who prefers to be low profile, holds a Ph.D. in economics and has vast ex-perience of working in key positions in the State and at the Centre. He was seen as the natural choice as the Cobinet. Economics Cabinet Secretary, a top bureaucratic position serv-ing as the nerve centre of

ing as the nerve centre of Central administration. "There was nobody bet-ter than him to occupy the top post at the Centre," said a Secretary-level offic-er who described the ap-pointment as an "inspired shedied."

worked at the State level in Tamil Nadu in the Chief Mi-nister's Office (CMO) as well as at Joint Secretary and Additional Secretary levels in the Prime Minister's Office (PMO) and in the Ministry of Corporate Affairs and Finance. His stints included those as

stints included those as Commissioner of Commer-cial Taxes and chief of the Chennal Metro Bail pro-cept of the Chennal Metro Bail pro-defended in the Chennal Country of the ambitious project. Within a decade of his within a decade of his coined the World Bank in Washington through the Young Professionals Pro-gram as Financial Econo-fic. Regional Vice ific Regional Vice Presidency in 1996. In 2000, he had become one of the Bank's youngest Sector Managers when he was appointed to the Budget Policy Group.

Again in 2011, the World Bank sought his services,

and he was deputed to serve as Director from 2011 to 2015. Very few IAS officers have such an illustrious curriculum vitea as Dr. Son manathan's because be-manathan's because be-drank in the 1987 batch, he is a qualified chartered acis a qualified chartered ac countant, cost accountant and company secretary who has helped prepared

Prolific writer prolific writer as he has pu-blished dozens of papers and articles on economics in journals and newspan

in Journals and newspapers on finance and public policy, and is the author of two books and chapters in a "This is an excellent and inspired appointment. TX. Somanadhan is a terrific of and thinker in his own right. His published works on the State and the civil services is a testament to Director of the South Asia Director of the South Asia Program at the leading think-tank Carnegie En-dowment for International Peace, who writes on In-dia's civil services.

At the Centre, he helped

ter COVID-19 when the Un-ion government's revenues were hit by the pandemic. He was appointed Expen-diture Secretary in Decem-ber 200 and one of the diture Secretary in Decem-ber 2019 and some of the measures he initiated in-cluded enforcing expendi-ture curbs on various Ministries and departments across the Union govern ment during pandemic.

played a leading role in im plementing flagship schemes such as 'PM Garib 'Aatmanirbhar Bharat\* which were announced

during the pandemic. Given his formidable Given his formidable background in economics and his expertise in public finances and public policy, in Mumbai, he was seen as the frontrumer to succeed Shaktikanta Das as RBI Governor later this year, while in Delhi, he was expected to be the Cabinet See and the seed of the seed o

"I will say his appointment is an excellent choice because he is a very straightforward and professional kind of bureaucrat who will never get into any groupism or politicking and would meticulous-ly focus on his job and deliver it," a serving Secretary at the Centre told The

# access in rural areas: study

### Bindu Shajan Perappadan

holds have government health insurance, 34% lack any health insurance and 61% have no life insurance, revealed the State of Healthcare in Rural India, 2024 report released re-cently. This is coupled with limited access to diagnostic facilities and affordable medicines, further posing challenges, the survey un dertaken by the non-go nent Intellig

Unith survey covered 5,389 rural households with an average size of 5.7 members and spanned 21 States including Andhra Pradesh, Bihar, Maharash-tra, Mizoram, Punjab, Tamil Nadu, and Utrar Prachesholds have access to households have access to households have access to subsidised medicines from the Pradhan Mantri Jan gest them to do so. Acces-

Inadequate protection The survey found that a little over one in three respondents in rural areas across 21 States did

No health insurance cover

(E)

Aushadhi Kendras, while 21% lack a medical store in

commutable distance, it says and a 39% of the respondents confirmed that there was a diagnostic facility within a commutable distance from their village to the distance from their village to imaging. However, 90% of the respondents do not get a routine health check-up done unless a doctor sug-

### Poor insurance, diagnostic | Embassy says Russia no longer admitting Indians to its military for Ukraine war

Russia no longer admits In-dians into its Army, the Russian Embassy disclosed in a statement, adding that ities are in "close coordina tion" to help discharge In-dian nationals recruited for the war in Ukraine.

acceptance that Russia is working with Indian officials on releasing the Indian recruits who want to withdraw from their con-

Caught in a bind: In March, seven Indians had released two videos seeking the Centre's help to return. FILE PHOTO sibility to affordable medicine at government descriptions of the course of the course



ports that the Russian go-vernment had carried out mass recruitment pro-grammes to lure any recruits fraudulently, stress ing that all recruitments "The Embassy

knows about, eight have been killed, it have been meint he Russian observations and the Russian observation in Russia. Responding to the been engaged in any in Russian solution of the been engaged in any public or obscure camponse. Mr. Jaishankar said met could not "jump the bent in dian nationals for military service in Russia," its ment could not "jump the gun" and would hold the Russian government to the gun" and would hold the Russian government to the gun and Adoor Packasid.

The issue had been raised by Prime Ministen and Adoor Packasid that total number of Indian rationals in various armed from the presently was not known.

### Hindenburg Cong. slams SEBI chief

### Press Trust of India

The Congress on Saturday used the Latin phrase "Quis Custodiet Ipsos" or "who will guard the guards themselves" to take a swipe at SEBI chief Madhabi Buch, after U.S. short seller Hindenburg levelled allegations against her. Hindenburg has alleged

that Ms. Buch and her hus band had stakes in obscure offshore funds used in the Adani money-siphoning

Tagging the Hindenburg post on the allegations on X, Congress leader Jairam Ramesh asid, "Quis Custo-will guard the guards will guard the guards themselves)." In another post, Mr. Ramesh said, "Parliament was notified to gust 12th. Suddenly it got adjourned sine die on the afternoon of August 9th it. self. Now & know why:" se. Tagging the Hindenburg

# Natwar Singh, former External Affairs Minister, dead

### **Kallol Bhattacherjee**

NEW DELHI

Former External Affairs Minister K. Natwar Singh passed away on Saturday at the age of 95. He was hospitalised for nearly two weeks in a clinic in Gurugram, outside New Delhi.

Mr. Singh served as the External Affairs Minister in 2004-05 in the Cabinet of former Prime Minister Dr. Manmohan Singh in the UPA regime.

A prolific writer and chronicler, Singh started his career as an Indian Foreign Service officer in 1953 at the age of 22. He took early retirement in 1984 when he contested from Bharatpur in Rajasthan and became a Lok Sabha member. He served as the Minister of State for Steel in the Rajiv Gandhi government and subsequently became the Minister of State for External Affairs in 1986.

Apart from leading In-

dia's multilateral campaigns at that time, he participated in the Indian plans for bringing an "Afghan-led and Afghanowned" government at the end of the Soviet occupation of Afghanistan. He visited Rome and tried to open a dialogue with Afghan King Zahir Shah in the spring of 1988.

After joining the IFS on April 14, 1953 he was posted at South Block and the districts where he served for the next four years. At that young age, he served as a liaison officer for multiple delegations from China, Egypt and Indonesia that gave him an impression of the working of then President of Egypt Gamal Abdel Nasser, and Dr. Mohammad Hatta of Indonesia.

He subsequently served in multiple Indian missions including in London, where he worked under Indian High Commissioner



Natwar Singh, who started his career in the IFS at the age of 22, was a prolific writer and chronicler. SANDEEP SAXENA

Vijay Lakshmi Pandit and was attached to the Prime Minister's Office (PMO) under Indira Gandhi in 1966. He served in Mrs. Gandhi's PMO till 1971 and served in Poland (1971-73) as the Indian Ambassador, and the United Kingdom where he was the Deputy High Commissioner when the Emergency was imposed in 1975.

He was India's High Commissioner to Pakistan between 1982 and 1984 when Mrs. Gandhi was in her last stint and is known to have interacted with the ruler of Pakistan General Zia ul Haq during that time on multiple occasions conveying India's discomfort about Pakistan's policy on the insurgency in Puniab.

He was bestowed the second highest civilian award Padma Vibhushan after he served as the head of the preparatory committee of the Non-Alignment Summit in New Delhi in 1983.

Singh had a spell of political exile after his former senior colleague P. V. Narasimha Rao became the Prime Minister after the 1991 general election. He had serious differences with Rao and ultimately became one of the founders of the All India Indira Congress.

He returned to power in 2004 when Dr. Manmohan Singh became the Prime Minister of the UPA-1 government but had to resign after the oil-for-food scandal broke out which indicated that people close to him, including his son, had benefited out of the payments. Singh resigned in March 2006 against the backdrop of that controversy, though he always

maintained that he had not gained personally from the payments.

As an author, he wrote a number of books including one on the Jat ruler of Bharatpur, Suraj Mal. He was a friend of Mulk Raj Anand, E.M. Forster and many other 20<sup>th</sup> century literary giants. He wrote several volumes after leaving office as the External Affairs Minister that recollected his diplomatic journeys from India to Zambia, Ethiopia, China, U.K., U.S.A. and Pakistan.

Singh is survived by his son Jagat Singh and wife Heminder Kumari Singh. Former Punjab Chief Minister Captain Amarinder Singh is his brother-in-law.

His autobiography *One Life is Not Enough* was published in 2014. The book was launched in a packed event that was attended by several stalwarts including former Prime Miniseter Dr. Manmohan Singh.

### Death Announcement:

• Former External Affairs Minister K. Natwar Singh passed away at the age of 95. He had been hospitalized for nearly two weeks in a clinic in Gurugram, near New Delhi.

### Career Overview:

- Natwar Singh served as External Affairs Minister in 2004-05 in the UPA government led by Prime Minister Dr. Manmohan Singh.
- His career began in the Indian Foreign Service (IFS) in 1953 at the age of 22.
   He held various significant diplomatic positions, including India's High Commissioner to Pakistan.

# Political Career:

- Natwar Singh entered politics in 1984, winning a Lok Sabha seat from Bharatpur in Rajasthan. He held ministerial positions in the Rajiv Gandhi government and later became a founder of the All India Indira Congress after political differences with P.V. Narasimha Rao.
- He returned to power in 2004 but had to resign in 2005 due to the oil-for-food scandal.

# • Literary Contributions:

 Natwar Singh was also a prolific writer, having authored several books, including an autobiography titled "One Life is Not Enough," published in 2014.

- Which of the following roles did Natwar Singh hold during his career?
- 1. High Commissioner to Pakistan
- 2. Minister of State for Finance
- 3. Secretary in the Ministry of External Affairs
- 4. Governor of Rajasthan

FOUR-PAGE PULLOUT



स्लीमहाईड पलश रेंक कहाँ .. ? अ

रलीमहाईड

o बड़ी तोडफोड़ + दीवार को लीकेज से बचायें

जगह बचारो **Another medal for our** 

laveLion



BANGLADESH CHIEF AFTER ULTIMATUM BY PROTESTERS VINESH MEDAL: CAS DEFERS DECISION UNTIL TUESDAY

#### Somanathan, who cleaned up finances of govt, is new Cabinet Secy



Somanathan is an IAS

#### ENS ECONOMIC BUREAU

IHEGOVERNMENT Saturday ap-pointed 1987-batch Tamil Nadu cadre IAS officer FV Somanathan as the next CabinetSecretary of India, He will ave a two-year tenure beginning lugust 30. He will take over the harge from Rajiv Gauba, a 1992-satch IAS officer, who has been

he Cabinet Secretary since 2019 Somanathan, who is presently the Finance Secretary in ntly the Finance Secretary in charge of the Department of Expenditure, will be the Officer on Special Duty in the Cobinet Secretariat till he takes over as the Cabinet Secretary. Somanathan has worked

Somanathan has worked closely with M Karunanidhi for three years from 2007 to 2019, when the latter was the Chief Minister of Tamil Nadu. He had a consider time of the authorities.

SWEETY KUMARI, RAVIK BHATTACHARYA & ATRI MITRA KOLKATA, AUGUST 10

THE RAPE and murder of a doc

tor inside a hospital run by the West Bengal government sent shockwaves across the state, with hundreds of doctors ceas-ing work, and Chief Minister

#### MADHABI PURI BUCH UNDER SCRUTINY; 'VALUE' OF STAKE \$8.7 LAKH

# Sebi chief had stake in Adani offshore entities, hence didn't act: Hindenburg

Cong wants IPC to probe 'Adani mega scam', TMC says Sebi chair must quit

IN WHAT RAISES questions conflict of interest related to the market regulator, the US-based Hindenburg Research on Saturday alleged that "it suspects SEBI's unwillingness to take



This report by Hindenburg Research comes almost 18

months after it had first kicked up a political storm in January 2023, alleging the Adani Group of "brazen stock market manip-

The port-to-energy conglomer-ate had denied all these allega-

are had denied all these allega-tions; the Supreme Court had re-jected the demand for a CBI or court-monistored probe. Continuing with the saga and quoting "whist tellower docu-ments", Hindenburg Research has now claimed that the Sebi-scure offshore entities used in the Adam money sibonning. scure offshore entities used in the Adami money siphoning scandal. To date, SEBI has taken

When contacted, Sebidid not

When confacted, settlided not comment on the allegations raised by Hindenburg. While Congress said these revelations only reinforced its demand for setting up a "joint and analysis of the confacted in the confact of the confact and analysis of the confact of th ises fresh questions about CONTINUED ON PAGE 2

# Two soldiers killed, 2 civilians injured in Kashmir encounter

- P MAR MEDICAL COURS AND HOSPITAL

TWO SOLDIERS were killed and trict Saturday, police source

Kolkata doctor, CM on back foot

operation in the dense mountain-ous forests of Ahlan Gadole area of Kokemag, which connects the Kashmir Valley to Kishtwar in Jammu division. While the Srinagar-based

# PM visits landslide-hit Wayanad, promises support to Kerala govt

AFTER TAKING STOCK OF the Gev-astation in landslide-hit Wayanad on Saturday, Prime Minister Narendra Modi prom-ised complete support to Kerala government's rehabilitation ef-forts and that "working together would lead to good results".

would lead to good results. Modil spent the day taking an aerial review of the area, walk-ing along a completely flattened village, speaking to survivors, and bolding review meetings with the Westle recommend.

and Bolding review meetings with the Kerala government. The Landshides killed at least The Landshides killed at least missing and presumed dead. Modi landed in Kannur air-port at 11 am and flew to Wayanad by an air force helicop-ter, which then took him on an aerial tour of the landslide hit Meppadi panchayat. Accom-panied by Kerala Governor Arif Mohammed Khan, Chief Minister Pinarayi Vijayan and



Prime Minister Narendra Modi interacts with a child affected by the landslides, at AWS Hospital in Wayanad on Saturday.

another injured in a gunfight with militants in the forests of south Kashmir's Anantnag disthe latest in a series of incidents ahead of Assembly polls ex-pected by the end of September. Two civilians were also injured in the accountry which arrorred

Chinar Corps said two soldiers and two civilians were injured in the gunfight and were "evacuated for treatment", a senior police of-ficer told The Malian Express three soldiers were wounded, of whom

CONTINUED ON PAGE 2

# Lakhs of patent orders by 'outsourced' staff null and As police confirm rape, murder of Lakhs of patent orders by

# RAVIDUTTA MISHRA & ANANTHAKRISHNAN G NEW DELHI, AUGUST 10

IN WHAT PUTS a question mark on the legality of lakhs of patent and trademark orders passed in the last two years by the Controller General of Patents, Designs and Trade Marks (CG-PDTM), the Union Law Ministry

void, says Law Ministry ployees" in violat Marks Act. 1999.

What has led to a chaos in the grant of intellectual property rights is the patent body's decision

TERMING ALL patent orders illegal will mean reversing decisions taken over the last two years that have already impacted hundreds of businesses. The way out, as suggested by the ASC, could be an expert com-Minister Himanita Biswa Sarma has targeted a private university located in the outskirts of the city and claimed that the university, and claimed that the university. Muslim, is waging "flood jihad". On August S, Guwahati had experienced flash flooding fol-lowing a couple of hours of rainfall in the afternoon that had brought the city to a mittee going over the merits of each order passed, and giving a stamp of approval.

# Our silver lining! AFTER CABINET NO TO JUDGES' SUGGESTION

# Court's SC/ST quota ruling a setback, Govt should act: Kharge

Calls for no change in quota policy, says Opp parties united on issue

#### ASAD REHMAN NEW DELHI, AUGUST 10



Tribe reservation, the Congress, in its first public remarks on the court ruling on SC/ST subclassification, called it "a big setback" for SCs and STs.

Speaking to the media Saturday, Kharge, who is also Leader of Opposition in Rajya Sabha, said: "I read that the Prime Minister has said that they

thing immediately. You could have rejected the judgment of the Supreme Court in the Parliament and should have

days having passed."
He said "the Scheduled Caste community got reservation through Baba Saheb Ambedkar's Poona Pact" and that later, Pandit

#### After 'fertilizer' & 'land'. latest in CM Himanta's lexicon: 'Flood jihad'

#### SUKRITA BARUAH



AT A time when the Assam gov ernment is facing severe criticism for flood management in Guwahati, the state's Chief Minister Himanta Biswa Sarma

Public Interest Litigation (PIL) or the issue of waterlogging in the city, had rapped the Sarma-les Taking note of the "trauma

facedby citizens of the Guwahati city", the High Court bench headed by Chief Justice Vijay Bishnoi said that it is of the view

# Footpath camps, crying babies: When 1.11 lakh women apply for 1,257 police posts

## PAGE 1

#### SAGAR RAJPUT

niversity Ground, a stone's from and a world away from lankhede Stadium, sat a mot-y crowd of tired adults with rwling infants around 5 pm on ugust 9. For the past few ours, these grandparents and athers have been holding. restive children. On a synthetic turf inside the

peting with 1.11 taken 6ther women from all over Maha-rashers for the 1.25 that offer a monthly salary of Rs 30,000. Of 36,214 constables in Mumbai Police at present, 6,059 are women. Recruitments for women candidates, which have women candidates, which have been on since July 19, are ex-pected to end on August 14, an officer said. Trials start at 5 an article year-old who travelled over

comprises 1,000 aspirants, an of-ficial said.

In July, leading to a "stam-pede-like situation", over 25,000 job seekers had turned up for 2,216 vacancies for the post of loaders at Mumbai airport. ioaders at Mumbai airport. Similar scenes were witnessed in Gujarat's Bharuch in July, where nearly 1,800 people turned up for 10 openings at a private company.

and the last batch for the day 250 km from Ahmednagar dis-



#### WOMEN CONSTABLE RECRUITMENTS ALARY: Rs 30,000

AGE LIMIT: 28 years (open category), 33 years (reserved category) VACANCIES: 1,257

Saisha.

On the footpath outside,
Shankar, a farmer, held his
granddaughter who had been grantidationter who had been crying inconsolably for nearly three hours. He says his daughter is married to a farmer but wanted a 'stable' income to sup-port her family. "Lack of private jobs forced her to apply for this one," says Shankar, as others at-

o make the baby sleep for a while, but she has been crying for her mother since she woke up," adds the helpless grandfa-

Fig. 1 Says Shankar, as others are recript to soothe Saisha by playing with her and even offering her becume the south of the sooth sooth

Tender to procure X-ray scanner under lens





SC must clarify on cases against political parties Criminal cases are fraught with problems



Women hoopsters help USA top tally

#### INSIDE



#### In Jharkhand, INDIA bloc begins seat-sharing talks

In the run-up to the Assembly election in Jharkhand, hard bargaining is on in the ruling Indian National Development Inclusive Alliance over the

#### Jaishankar concludes 3-day visit to Maldives

External Affairs Minister S. Jaishankar on Sunday concluded a crucial visit to Male, assuring the country's top leadership that Maldives remains a key partner of India in maintaining peace, stability and prosperity in the Indian Ocean region. This was the fir. high-level trip to the atoll nation from New Delhi after



Weightlifting

# Hindenburg report raises political storm

Congress seeks JPC probe into allegations by investment research firm against SEBI chief; BJP sees bid by global forces to halt India's progress; Rahul terms revelations against Buch 'explosive', and wonders why she had not resigned; he says it's slowly becoming crystal clear why Prime Minister is against a JPC investigating charges in this matter

eader of the Opposition in the Lok Sab-ha, Rahul Gandhi, on Sunday demanded a oint Parliamentary Com-nittee (IPC) inquiry into the charges against Securi-ties and Exchange Board of India (SEBI) Chairper-son Madhabi Puri Buch in the latest Hindenburg re-

port. The BJP dismissed the

The BIP dismissed the claims asserting that many global forces, with the help of the Congress dynasty. The constraint of the Congress of the Congress of the Congress of the Congress. Even as Ms. Buch and her husband have denied and instinuations made in the report", Mr. Gandhi, in a videographed statement, termed the revelations wondering why she had against her "explosive", wondering why she had not yet resigned. "New allegations have emerged, is

to look at this matter suo motu again," he asked. The Adani Group has

described the report as "a recycling of discredited claims that have been thoroughly investigated, pro-ven to be baseless and already dismissed by the Hon'ble Supreme Court in

Mr. Gandhi on Sunday said there was a significant risk in the Indian stock market as the governing in-stitution was "compro-mised". "A serious allega-tion against the Adani Group was illegal share ow-

Leander Paes -

Abbinary Bindra first individual as

The savings of millions of Indians are at risk. It is, therefore, imperative that this matter is investigated

nership and price manipu-lation using offshore funds. It has now emerged that SEBI Chairperson Madhabi Buch and her husband had Buch and her husband had an interest in one of those funds... the savings of mil-lions of Indians are at risk. It is, therefore, imperative that this matter is investi-gated," he said. He asked if something were to go wrong and in-vestors were to lose their hard-earned money, who

would be responsible? "Is the Prime Minister of India responsible? Is Madhabi Buch responsible, or is Mr. Adani responsible?... it's slowly becoming crystal

clear why PM [Narendra]
Modi is against a JPC looking into this matter," Mr.
Earlier, Congress president Mallikarjun Kharge
said the small and medium
investors in the stock marinvestors in the stock maroed, demanding a JPC inquiry, "Until then, concerns
persist that PM Modi will
continue to shield his alily,
stitutional institutions,
painstakingly built over set. ven decades," he said on X. All India Professionals'

Parties seek probe
Communist Party of India
(Marxist) leader Sitrarma

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optically above board. "Bo-dies such as the Economic

Prime Minister also has several members that si-

multaneously hold private

sector positions... the op-tics does not bode well even if all the members are capable individuals of the

highest integrity," he said.

new report. Talking to the media, Rashtriya Janata Dal MP Manoj Kumar Jha said the report showed how the system in the the "corruption". Samaiwadi Party's Akhi-

an investigation.

However, terming the latest Hindenburg report a

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Gastest growing economy.
On X, Mr. Chandrasekhar said 'its classic Congstyle immuendo & lies glued together with a few grains

\*\*PAGE 4\*\*

SEBI, Buch deny charges

by Hindenburg; investors

However, terming the latest Hindenburg report a smoking gun, BJP leader and former Union Minister Rajeev Chandrasekhar said it was an attack on SBBI by a foreign entity, which was in "an obvious partner-ship" with the Congress and had an ominous mo-tive and goal. He said the move was meant for desta-bilising and discrediting one of the world's stron-gest financial systems and create chaos in the world's fastest wowing economy.

let them...," said the BJP leader.

discrediting the regulator, causing chaos and losses in the markets for investors thus slowing down bullish

"India's financial sector lending PSU banks and

# assumed office. » PAGE 5 The state of the s

BJP upset by T.N.'s 'denial' of permit for flag marches

In the run-up to Independence Day, Tamil Nadu police have nied the B.IP the nerm

#### Podium finishes herself in the Paris Olympics marked the 41st medal for India. Norman Pritchard won the first medal in the 1900 event, also in Paris. The graph plots the winners govt. vows to end attacks on minorities

#### Agence France-Presso

Bangladesh's new interim government said on Sun-day it was working to re-solve attacks on Hindus

said, the other two ripar-ian States were informed

about the incident. Sources in the KNNL

said the water level in the

reservoir could be brought

only when the slipway dis-charge is maintained at 2

lakh cusecs for the next four or five days. The auth-orities said there would be

no threat of floods until the

slipway discharge touches 2.5 lakh cusecs.

down to around 60 tmcft

Denying allegations in the latest Hindenburg report, the Securities and Ex-change Board of India (SE-BI) on Sunday advised in-vestors to remain calm and exercise due diligence be-fore reacting to such reports.

fore reacting to such reports.

reports.

reports.

Property of the puri Buch and her spouse Dhaval Buch denied favouring the Adani Group, which said its overfully transparent in a regulatory filing.

SERI said in a statement: "Investors may also like to in the report that states that readers should assume that Hindenburg Research may have short power.

sitions in the securities covered in the report." The capital marker regulator denied the allegation that it had not taken any action against the Adani Group and made changes in the SEBI (REIT) Regulations time to time. 2014 to benefit Blackston

"Chairperson has also recused herself in matters It said "claims that such regulations, changes to regulations or circulars isued related to REITs were vestors," the market regu-lator said.

ment in addition to explaining the reasons for in-vesting in that fund.

"The decision to invest in this fund was because

the Chief Investment Officer, Anil Ahuja, is Dhaval's Mr. Buch] childhood friend from school and IIT Delhi and, being an ex-employee of Citthank, J.P., bad many decades of a strong investing career. The fact that these wersement decision is borne out by the fact that when, in 2018, Mr. Ahuja, left his position as CiO of the fund, ment in the fact that the position as CiO of the fund, ment in that fund," the

no point did the fund in vest in instruments related to any company of Adani as disclosed by Mr. Ahuja. All regulations of SEBI were approved by its Board [and not by Chairperson] after extensive public consultation, they added

said the clarification cor ment in an obscure Bermuda/Mauritius fund structure, alongside money
aliegedly alphoned by Vialiegedly alphoned by ViOn Ms. Buch's remarks that
her husband used the consulking entities, starting in
named "prominent clients
in the Indian industry", it
saked if these included
clients SEBI is tasked with
regulating.

# Crest gate of Tungabhadra reservoir washed away, alert issued as outflow set to increase

#### The Hindu Bureau KALABURAGI

A crest gate of the Tungabhadra reservoir, near Hospete, in Vijayanagara dis-trict of Karnataka was washed away late on Satur day, raising fears of flood ing downstream.
The reservoir authori-

ties immediately issued an alert asking people not to venture into the river downstream as the outflow may increase up to 2 lakh cusecs at any time. As the rain receded in the catchment area, result-

cusects at any time.

As the rain receded in the catchinent area, resulting the catchinent area, resulting to the reservoir, the dam authorities on Saturday retained by the catchinent area of the reservoir maintain the full reservoir maintain the full reservoir maintain the full reservoir of the resulting to the reservoir of the resulting to the reservoir of the resulting to the reservoir and the river's better the resulting to the reservoir and the river's Sources in the trigation of the reservoir and the river's sources are sources are sources are sources are sources are sources and the river's sources are sources are sources are sources are sources.



servoir needed to be re-duced to about 60 tracft to take up repairs. Inter-State project

with 105 tmcft of water when the incident hap-pened at 10.50 p.m. on Saturday. The dam authorithe Ministers and departexpert team immediately rushed and assessed the of Karnataka Neerawari Ni-gam Lud, (KNNL) said the discharge would have to be included to be a second of the control of the for the next four days to bring down the water level in the reservoir and start Deputy Chief Minister DAS, Shivakamar rushed to Minor Irrigation Minister NS. Bloesraju, Maria Said that water storage in the re-maining and the second of the second of the termining at gates, We need to bring down the water le-maining 32 gates. We need to bring down the water le-maining 32 gates, We need to bring down the water le-maining 32 gates. We need to bring 25 gates. We need to bring 26 gates. We need to bring 32 gates.

Koppal MLA Raghaven-dra Hitnal, Assistant Com-missioner Mahesh Kumar missioner Mahesh Kumar Malagatti, Superintendent of Police Ram. L. Arasiddi and other senior officers camped near the reservoir. Koppal district in-charge Minister Shiwaraj Tangada-gi visited the reservoir ear-ly on Sunday and held dis-cussions with the dam authorities.

BJP SLAMS STATE GOVT.

# advised to remain calm

structure was 'fully transparent'

accordance with the esta-blished procedure and in compliance with the prin-ciples of natural justice," it added. Emphasising that SEBI has adequate internal mechanisms for addressing is-

sues relating to conflict of interest, which include disclosure framework and provision for recusal, it said relevant disclosures required in terms of hold-ings of securities and their by the Chairperson from

involving potential con-flicts of interest. SEBI, over the years, has built a ro-bust regulatory framework that not only aligns with best global practices but al-so ensures protection of in-

and the man and th The couple's statement
The investments in the
fund [IPE Plus Fund I] referred to in the Hindenberg report were made in
2015 when the couple were
private citizens living in
Singapore, Ms. Buch and
her spouse said in a state-

# Hindenburg report raises political storm

Congress seeks JPC probe into allegations by investment research firm against SEBI chief; BJP sees bid by global forces to halt India's progress; Rahul terms revelations against Buch 'explosive', and wonders why she had not resigned; he says it's slowly becoming crystal clear why Prime Minister is against a JPC investigating charges in this matter

Devesh K. Pandey

NEW DELHI

eader of the Opposition in the Lok Sabha, Rahul Gandhi, on Sunday demanded a Joint Parliamentary Committee (JPC) inquiry into the charges against Securities and Exchange Board of India (SEBI) Chairperson Madhabi Puri Buch in the latest Hindenburg report.

The BJP dismissed the claims asserting that many global forces, with the help of the Congress "dynasty", were attempting to hinder India's progress.

Even as Ms. Buch and her husband have denied "the baseless allegations and insinuations made in the report", Mr. Gandhi, in a videographed statement, termed the revelations against her "explosive", wondering why she had not yet resigned. "New allegations have emerged, is

the Supreme Court going to look at this matter *suo motu* again," he asked.

The Adani Group has described the report as "a recycling of discredited claims that have been thoroughly investigated, proven to be baseless and already dismissed by the Hon'ble Supreme Court in January 2024".

The U.S.-based short seller on Saturday had said that the chief of India's stock market regulator, in charge of probing allegations against the Adani group of companies, herself had a stake in offshore entities linked to what it claimed was "the Adani money siphoning scandal".

Mr. Gandhi on Sunday said there was a significant risk in the Indian stock market as the governing institution was "compromised". "A serious allegation against the Adani Group was illegal share ow-

The savings of millions of Indians are at risk. It is, therefore, imperative that this matter is investigated

RAHUL GANDHI

Leader of the Opposition in the Lok Sabha

nership and price manipulation using offshore funds. It has now emerged that SEBI Chairperson Madhabi Buch and her husband had an interest in one of those funds... the savings of millions of Indians are at risk. It is, therefore, imperative that this matter is investigated," he said.

He asked if something were to go wrong and investors were to lose their hard-earned money, who would be responsible? "Is the Prime Minister of India responsible? Is Madhabi Buch responsible, or is Mr. Adani responsible?... it's slowly becoming crystal

clear why PM [Narendra] Modi is against a JPC looking into this matter," Mr. Gandhi said.

Earlier, Congress president Mallikarjun Kharge said the small and medium investors in the stock market needed to be protected, demanding a JPC inquiry. "Until then, concerns persist that PM Modi will continue to shield his ally, compromising India's Constitutional institutions, painstakingly built over seven decades," he said on X.

All India Professionals' Congress chairman Praveen Chakravarty said the controversy highlighted the need for technocrats and lateral entrants to responsible public positions to be ethically, legally, and optically above board. "Bodies such as the Economic Advisory Council to the Prime Minister also has several members that simultaneously hold private sector positions... the optics does not bode well even if all the members are capable individuals of the highest integrity," he said.

# Parties seek probe

Communist Party of India (Marxist) leader Sitaram Yechury also sought a JPC probe, while D. Raja of the Communist Party of India accused the BJP of serving only corporate interests to the extent of protecting the "corrupt practices of their favoured corporates".

Mahua Moitra, Trinamool Congress MP, took to X to demand answers from the SEBI chief to several questions related to the new report. Talking to the media, Rashtriya Janata Dal MP Manoj Kumar Jha said the report showed how the system in the country was rigged and efforts were made to hide the "corruption".

Samajwadi Party's Akhilesh Yadav also demanded an investigation.

However, terming the latest Hindenburg report a smoking gun, BJP leader and former Union Minister Rajeev Chandrasekhar said it was an attack on SEBI by a foreign entity, which was in "an obvious partnership" with the Congress and had an ominous motive and goal. He said the move was meant for destabilising and discrediting one of the world's strongest financial systems and create chaos in the world's fastest growing economy.

On X, Mr. Chandrasekhar said "its classic Cong style innuendo & lies glued together with a few grains of truth" and was aimed at discrediting the regulator, causing chaos and losses in the markets for investors, thus slowing down bullish sentiments.

"India's financial sector has been rebuilt in last 10 years by @narendramodi -from the shattered, crony lending PSU banks and 10% NPA legacy of UPA, insider trading Ponzi frauds like Sahara scam, to a vibrant financial system that is supplying equity and credit to the world's fastest growing economy i.e. India. Even as banks in US fail and stock markets collapse, Indian banks and markets continue to grow. I have said often and say again -- many global forces with help of Cong dynasty want (to) slow down or trip up India's rise. We won't let them...," said the BJP leader.

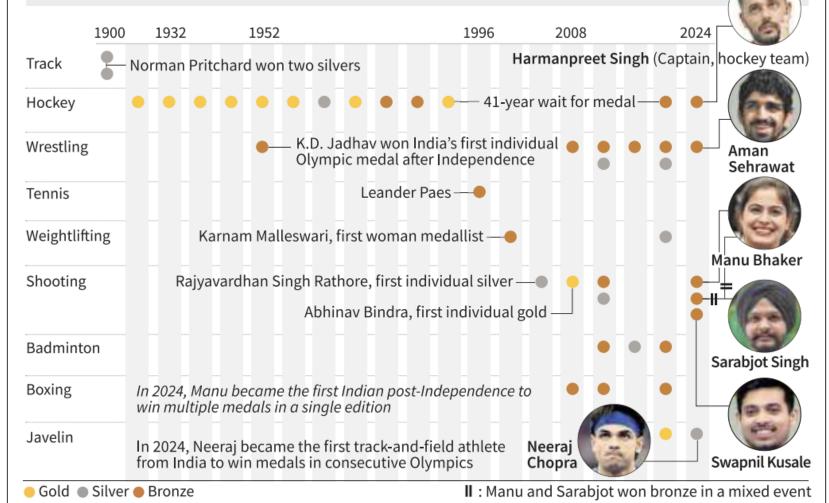
#### RELATED REPORTS

» PAGE 4



# Podium **finishes**

Aman Sehrawat's bronze in wrestling in the Paris Olympics marked the 41st medal for India. Norman Pritchard won the first medal in the 1900 event, also in Paris. The graph plots the winners



## News

#### INBRIDE



#### Mamata urges Majhi to look into 'assault' on labourers

West Bengal Chief Minister Mamata Banerjee on Sunday called up her Odisha counterpart Mohan Charan Majhi and requested him to look into alleged incidents of assault on labourers from the alleged incidents of assault on labourers from the have gone from West Bengal to Odisha to work. There are reports that they are being beaten up and tortured by locals suspecting them to be Bangladeshis. The Bengal CM spoke to ber of the support of the support of the Bangladeshis. The Bengal CM spoke to ber the support of the support of the Banerjee also urged the labourers to return to West Bengal as soon as possible and grab the opportunities available there. M West Bengal Chief Minister Mamata Banerjee on

#### Activists in Sikkim protest against shooting of stray dog

Animal rights activists in Sikkim's capital Gangtok Animal rights accruses in siskim's capital Gangtos took out a rally on Sunday to protest the shooting of a stray dog almost a month ago. The dog was found dead with a wound on its chest on July 19. Its carcass, buried by some unidentified people in the town's Kazi Road area, was exhumed and taken to a polyclinic where an examination confirmed that it had been shot. Members of organisations such as Guardian of Sikkim, People for Animals, and Citizens Animal Shelter Sikkim took to the streets of Gangtok to demand action.

# **Protests continue in Bengal** over rape, murder of doctor

Kolkata Police Commissioner meets protesters, urges them not to believe in rumours; students can approach police with queries, he says: doctors' group calls for halt of elective services in hospitals

rotests continued to rage across medi-ical colleges in West Bengal on Sunday ov-er the alleged rape and murder of a woman doctor at the R.G. Kar Medical Col-

at the R.G. Kar Medical Col-lege and Hospital in Kolka-ta, affecting services for the third consecutive day. Hospitals in other dis-tricts joined the protests as well. Outpatient depart-ments (OPDs) are not open on Sundays in State-run hospitals.

hospitals.

The body of a 31-year-old doctor was found on the third floor of the hospi-tal on Friday. The postmortem examination re-vealed that she had been sexually assaulted.

sexually assaulted.
On Saturday, a civil pol-ice volunteer engaged by the Kolkata Police was ar-rested for the crime and remanded in 14 days of pol-

manded in 19 uays or pro-ice custody.

Under mounting pres-sure, the State government removed Sanjay Vashisth, the hospital's medical su-perintendent. Bulbul Muk-hopadhyay, dean of stu-



the additional charge of hospital superintendent. The resident doctors as-sociation of the R.G. Kar Medical College and Hospi-tal ceased work on emergency services, demanding a judicial inquiry and compensation for the family of the deceased. Commissioner of Kolka-

ta Police Vineet Kumar Goyalsaid, "We tried to ad-Goyalsaid, "We tried to ad-dress the query of the stu-dents. Today, the post-mortem report has been shared with the family as per guidelines of the Su-

mours about the involve-ment of multiple persons in the crime, Mr. Goyal asked people not to res-pond to such misinforma-tion.

The Commissioner said

that the students can ap-proach the police with their queries. Mr. Goyal and Chief Mi-nister Mamata Banerjee had said that they had no problem with an investiga-

the agitating doctors came in from several quarters The Federation of Resider Doctors' Association of India (FORDA) has supported the ongoing strike and called for a nationwide halt called for a nationwide halt of elective services in hos-pitals on Monday. The West Bengal Doctors Fo-rum also wrote to Ms. Ba-nerjee, requesting her to form an impartial inquiry

committee.

West Bengal BJP president and Union Minister Sukanta Majumdar wrote a letter to Union Health Minister J.P. Nadda, demanding investigation by the Control Burgan of Investigation. Central Bureau of Investi-gation (CBI).

"I request you to send a team of the National Mediteam of the National Medi-cal Commission to investi-gate the matter and take appropriate action. Also enforce stringent security protocols, including the installation of more CCT stallation of more CCTV cameras, the presence of adequate security person-nel, and the restriction of unauthorized access to sensitive areas within med-ical institutions," he said in the letter.

# F&O norms proposed by SEBI to hit brokers. exchanges: reports

#### Press Trust of India

Stock exchanges and brok-ers, catering to retail trad-ers, could be hit hard by the Securities and Ex-change Board of India's the Securities and Exproposed measures for futures & options (F&O) tradjor regulations, with market volumes slumping
jorts. If these measures
are implemented, the
number of investors could
do
be investors
do
be inv

option premiums, intra-day monitoring of position limits, rationalisation of strike prices, removal of calendar spread benefit on expiry day and increase in near contract expiry mar-gin. The SEBI stated that these measures are aimed at enhancing investor

According to a report by lefferies. the proposed



number of weekly option contracts from 18 to six could impact around 35% of industry premiums. Ho-wever, if trading shifts to the overall impact can be reduced to 20-25%. IFFL Securities could see the highest impact from the withdrawal of weekly

options (only one per ex-change allowed) as index options account for 98% of the volumes. IIFL Securities expects the National Stock Exchange (NSE) to be more affected than the BSE because 60% of the NSE's revenue comes from or tions trading, compared with 40% for the BSE. It estimates that by 2026, the NSE's earnings could be re-NSE's earnings could be re-duced by 25-30% while the BSE's earnings could drop by 15%-18%.

#### PM Modi releases 109 high-vielding seed varieties

#### Press Trust of India

Prime Minister Narendr Modi on Sunday released 109 high-yielding, climate-resilient, and biofortified resilient, and biotortined seed varieties of agricultu-ral and horticultural crops, aiming to enhance farm productivity and farmers'

ncome.
Developed by the Indian
Council of Agricultural Re-search (ICAR), these varieties span 61 crops, includ ing 34 field crops and 2 horticultural crops. The field crop varieties include cereals, millets, forage crops, oilseeds, pulses, su-garcane, cotton, and fiber

For horticulture, the Prime Minister released new varieties of fruits, vegetables, plantation crops, tubers, spices, flowers, and medicinal plants. Mr. Modi unveiled the

seeds at three experimen-tal agriculture plots at Del-hi's Pusa Campus.

# Biotechnologists detect difference in use of nitrogen by rice varieties

#### Jacob Koshy NEW DELHI

Biotechnologists at Guru Gobind Singh Indraprastha University (GGU) in New Delhi have discovered a ular varieties of rice in In-dia in their ability to use ni-trogen. This knowledge can be used to develop

can be used to develop newer varieties that use less nitrogen and are high-yielding, thus slashing ex-yielding, thus slashing ex-tilizers and reducing nitro-gen-linked pollution. "Cereals consume two-cess of the control of the control of the control of the led by rice. Poor nitrogen-use efficiency (NUE) wastes N (nitrogen)-fertiliz-ers worth CI trillion a year lion per year globally." N lion per year globally," N. Raghuram, Professor at GGU and lead author of the

paper, said, reporting these findings. Nitrogen use efficiency refers to the yield of a crop relative to the nitrogen (natural and artificial)



Nitrogen-use efficiency refers to the yield of a crop nitrogen, both natural and artificial, available to it.

available to it.

"Worse, N-fertilizers are the main source of nitrous oxide and ammonia pollu-tion of air and nitrate/am-monium pollution of wa-ter, affecting our health, biodiversity, and climate chance. Ver we don't have biodiversity, and climate change. Yet, we don't have a ranking of any Indian crop varieties in terms of their NUE for crop im-provement by selection or breeding," Dr. Raghuram

clearly here (5,4) clearly here (5,4) Ornate suit had diamonds installed (8)

Wider approach
The NUE of the best varieties were five times as
much as the least, the investigation found. However, a high NUE doesn't always mean the highest yields and farmers in India

generally prefer varieties with the highest yields. "The focus of Indian agriculture has for a long time been to solely in-crease yield. This was ne-

cessary during the Green Revolution but this also meant more synthetic fertilizers, more wastage, and pollution. India has tens and thousands of rice va rieties but only a few are actually used and studied part of agricultural re-arch. To find newer search. To find news crops that have improved NUE and yields, we have to

Hindu.

The study was co-authored by Ashu Tyagi and Navlyoti Chakraborty, both scientists from the Centre for Sustainable Nitrogen and Nutrient Management, School of Biotechnology,

GGU.
While some improve-ments in NUE could be done by improving fertiliz-er formulations, legume-based crop-rotations, and crop management practic-es, it has now become necessary to lay more stress on improving the crop us-ing biotechnology, the

# NCERT removes cartoon on coalition politics, says it cast 'India in negative light'

The National Council of Educational Research and Training (NCERT) has re-

Training (NCERT) has re-moved a political cartoon from the Class 12 political in India since Indepen-dence, saying "It shows In-ternation of India and India The cartoon in Chapter 8 - Recent Developments in Indian Politics - depict-dia and posed questions on the survival governments.

The cartoon by Ravish-ankar, originally published gine, had on display form-sine, had on display form-sine, had on display form-

zine, had on display form-er Prime Ministers V.P. Singh (1990), Chandra Shekhar (1990), P.V. Narasinkha Rao (1991), H.D. Deve Gowda (1996), H.D. Gujral (1997), and A.B. Vaj-payee (1998) and a string of questions on the survival

#### The cartoon depicted leaders from 1990 of their governments

ments and democracy.

Change made in April
The cartoon depicted the
long phase of coalition politics in India from the Naitics in India
Bip-led coalition in 1998 to
the National Democratic
thince (NDA) in 1999, and
the United Progressione. In
This trend changed in

This trend changed in 2014 when the BJP won a full majority in the Lok Sabha and led an NDA go-

rnment. However, a decade later, India yet again has a coali-tion government at the Centre post the 2024 Lok The document pu-blished by the NCERT depicting the changes dates back to April, prior to the 2024 election and the formation of the NDA coal

Modi in which the BIP doe wn. The illustration

The illustration has been replaced with two students conversing with each other.

One student questions, or with the will always have coalitions? Or can the national parties consolidate their positions again? "The other answers, "I am not worried about whether it is a single party or a coalition government I am more worried abo what they do. Does a coali tion government involve more compromises? Can we not have bold and imag-inative policies in a coali-tion?"

# TH GROSSWORD+ 14251

#### Cut work times in New Delhi (8)

**SM** 

14 Free European trip (4)
16 Air train (7)
17 Zee TV originally proedcast entertaining genre of music18 Zee TV originally gen high on it (7)
19 Zee TV originally get high on it (7)
11 Lot of rich men losing mangraps (4)
24 Switzerfand poet's always in high spirits (5)
25 Ready beef finally... light off, and a top for company (5,4)
27 Toler baked loaf (6)
28 "Concentrate! Study! Study!" say education heads (8)
29 Describe Spooner's ultimate delight (6)
20 They design pen tips (9)
21 They design pen tips (9)
22 They design pen tips (9)

Basically wasted effort..never touched books..yet passed (4,2) Jail one setter consuming alcohol in retreat (6)
Marshy land covered by moderate rain (5)
Allow IT student to go through NEET after revision (7)

Opener at Lord's in trouble countering spinners - he can't see

Ornate suit had diamonds installed (8) Hurt Frenchman's piercing cry for help (8) Egg on clean plate at first polished off (4) Serious member engrossed in exciting tennis (2,7) Lady wearing square watch -she is very finicky (8) Stuff friend with Iranian bread (8)

Stuff friend with Iranian bread (8)
Has everyone around tried soup for starters? (4)
Become inaudible...deaf? (4,3)
Plays a trick and collapses in the auditorium (6)
Places for putting vegetables (6)
Upset, not see the collapse of the col

# SUDOKU

#### 5 8 5 9 8 4 9 3 5 5 4 9 8 5 4 5 6

#### FAITH

#### Three steps to divinity

In the Bhagavad Gita, the verse, Samniyamya indriya-gra-mam sarvatra samabuddhayah, te prapnuvanti mam eva-sarva-buta-hile ratah, presents a three-step path to attain divinity, said Swami Mitranandaji.

The first step, Samniyamya indriya-gramam under-scores mastering the control of one's senses. A person who achieves this mastery lives as the master of his environment, not a victim. Such an individual maintains a happy and balanced mind, whether surrounded by ob-jects of desire or not. This control ensures one is not jects of desire or not. This control ensures one is not swayed by external circumstances, but remains steadfast in one's inner peace. Sarvatra sama-buddhayah, the se-cond step, involves maintaining a balanced mind in all places and situations. This stability is rooted in underanding that every situation, even the most challenging,

As Lord Krishna states in Chapter II, Agamapayinoniyos tams titikscase bhavata, the temporary nature of happiness and distress should be patiently endured. The third
step, Sarve-bhuta-hite-ratab, signifies wishing well for all
beings. A person who genuinely delights in the welfare of
beings. A person who genuinely delights in the welfare of
periences true happiness through his selfless actions. This
fosters a deep connection with others and enhances one's
spiritual journey, Lord Kirshna assures that those who cultivate these qualities — control of senses, mental balance
and altruism — will attain Him. Te propuraunti man eva
and siruism — will attain Him. Te propuraunti man eva
with the Supreme and attains divinity. iemporary. As Lord Krishna states in Chapter II. *Agamanavina'ni* 

# PM Modi releases 109 high-yielding seed varieties

# **Press Trust of India**

**NEW DELHI** 

Prime Minister Narendra Modi on Sunday released 109 high-yielding, climate-resilient, and biofortified seed varieties of agricultural and horticultural crops, aiming to enhance farm productivity and farmers' income.

Developed by the Indian Council of Agricultural Research (ICAR), these varieties span 61 crops, including 34 field crops and 27 horticultural crops. The field crop varieties include cereals, millets, forage crops, oilseeds, pulses, sugarcane, cotton, and fiber crops.

For horticulture, the Prime Minister released new varieties of fruits, vegetables, plantation crops, tubers, spices, flowers, and medicinal plants.

Mr. Modi unveiled the seeds at three experimental agriculture plots at Delhi's Pusa Campus.

11

#### CACHE



# What is the Google 'monopoly' antitrust case and how does it affect consumers?

When a monopoly comes into existence, rivals are forced out and the company with the most power is able to abuse customers because they have very few other options. The U.S. Department of Justice sought to establish that Google had a monopoly in the web search and advertising sectors

John Xavier

The story so far:

n August 5, Google lost a major antitrust case brought against it by the U.S. Department of hystice (DO) the + Justice (DOJ) that sought to establish that the tech giant had a monopoly in the web search and monopoly in the web search and advertising sectors. The 10 week-long bench trial that took place in September 2023 saw high-profile tech leaders, and Microsoft CEO Satys Nadella, testifying before the U.S. District Court for the District of Columbia. The lawasit accused of the CEO Satys Nadella, testifying before the U.S. District Court for the District of Columbia. The lawasit accused on the CEO Satys Nadella, testifying before the CEO Satys Nadella, testifying before the CEO Satys Nadella, testifying before the court as evidence. In ruled that Google was a monopolist. ruled that Google was a monopolist.

What did the ruling state? According to the ruling, Google's search dominance was majorly achieved through a strategy of exclusive distribution agreements, or default distribution. This refers to the way Google entered into lucrative contracts with "browser developers, mobile device manufacturers and wireless carriers" so that it was the first or default search engine that users of such services or new phones were given.

such services or new phones were given. Google pays for this privilege and has shelled out more than \$26 billion for it in 2021, per the court. "After having carefully considered and

weighed the witness testimony and evidence, the court reaches the following conclusion: Google is a monopolist, and it has acted as one to maintain its monopoly. It has violated Section 2 of the Sherman Act," the ruling noted, referencing a U.S. law that views business monopoly or attempts at monopolising as an offence. Per the court, Google used its an offence. Fer the court, Google used ha monopoly power in two markets; general search services and general search text ads. "Importantly, the court also finds that Google has exercised its monopoly

and. Importantly, the court as more holy power by chaging supra-competitive prices for general search text ads. That monopoly profits," reported the filling. Furthermore, the court harshly criticised the way Google failed to preserve and the served as evidence.

However, some of the court; and have served as evidence.

However, some of the court has the court of the text of the sech giant. It was determined that Google did not have monopoly power in the search of the way the court of the sech giant. It was determined that Google did not have monopoly power in the search there was no product market for general search advertising and that Google was not liable for actions involving its.

In addition to this, Google will not be

advertising platform.

In addition to this, Google will not be sanctioned for the way it failed to sanctioned for the way it failed to the court warned it might not be so "lucky" in a future case, interestingly, the court has "industry in the sanction out the "industry is higher quality search engine, which has earned Google the trust of hundreds of millions of daily

How do monopolistic practices harm consumer experience? Regulators around the world monitor how businesses use technology in their countries, to prevent the concentration of power in the hands of a few entities. This ensures healthy competition in the market segment, so that all participants are striving to do better for their

market segment, so that all participants customers. When a monopoly comes into existence, however, rivals may be forced out of the market while the company with the most power is able to abuse of the company with the most power is able to abuse other options. Such companies also lose the incentive to keep improving the quality of their product.

Google's indifference is unsurprising. In 2020, Google conducted a quality of "Google conducted a quality of which will be considered to this as a risk factor. "Google's indifference is unsurprising. In 2020, Google conducted a quality of which will be considered to the conducted a quality of the conducted of the conduc elsewhere is something only a firm with monopoly power could do."

What did the U.S. DOJ say? The U.S. DOJ hailed the ruling as a public victory for internet users in the U.S.

"This victory against Google is an historic win for the American people," said Attorney General Merrick B. Garland in a statement on the DOJ website. "No company – no matter how large or influential – is above the law. The lustice

enforce our antitrust laws."
Google is far from the only company in
the regulator's line of vision.
The U.S. DOJ is also reportedly teaming up with the U.S. Federal Trade mission (FTC) to act against other large tech players on antitrust grounds, including Microsoft, OpenAI, and Nvidia, as per The New York Times

What happens next? Google will be appealing the ruling. In the meantime, the court has asked both

Google will be appealing the ruing, in the parties, Google and the Department of Justice, to find a remedy ahead of their meeting with Judga Metha on September anywhere between breaking up Google to ordering the search glant to end its under the search glant to end its which is the search glant to end its which is the former could fundamentally alter the dynamics of consumer digital business market as Google plays a levy individuals and businesses to interact. In the latter case, in terms of immediate effect, handset makers could lose billions of the company's search engine in the smartphone.

This hefty payment to smartphone makers, particularly Apple, disincentivises them from innovating a rival search engine. Apple, during the hearing, had said that it will continue use Google as its default search engine. Apart from this lawsuit, the Justice Department is set to go against Google in another antitrust trial that deals with the internet company's ad technolog

#### THE DAILY QUIZ

## On his 105th birth anniversary, a quiz on Vikram Sarabhai's life beyond ISRO

#### Vasudevan Mukunth

#### QUESTION 1

institute Sarabhai founded in November 1947. In its first days, it operated out of his residence before eventually taking shape at the M.G. Science Institute in Ahmedabad.

QUESTION 2
In 1962, Sarabhai set up the Indian National Committee fi Space Research (INCOSPAR), the body that later became ISRO. Which body oversaw space-related activities in India before INCOSPAR?

QUESTION 3 PhD at the University of



#### OUESTION 4

# QUESTION 5

were instrumental in establishing the National nstitute of Design in Ihmedabad, based on 'The design in 1958. Name X and Y.



What is the original name of this building and what is its connection to Sarabhai? LWSMO CC BY-SA-4.0]

# Questions and Answers to the August 9 edition of the daily quize 1. The name of the highest civilian award in Bangladesh. Ans: The Swadhinata Padak (Independence Day Award) 2. This river flows through Bangladesh and is known as the Padma in the country. Ans: The Ganges

3. The name of the traditional craft of Baneladesh where artisans create beautiful designs on textiles using a resist-dyeing technique. Ans: Nakshi

## 4 The Bangladeshi festival that involves colourful

4. The Bangladeshi festival that involves colourful bost races. Ans: Nouka Bašch 5. The organisers of the "Concert for Bangladesh", on August 1, 1971, at Madison Square Garden in New York City. Ans: George Harrison and Ravi Shankar The unique characteristic of the Grameen Bank's

borrowers. Ans: The majority of its borrowers are women
Visual: The UNESCO World Heritage site in Bangladesh which is famous for its intricate terracotta Hindu temples from the medieval period. Ans: The Historic Mosque City of Bagerhat Early Bird: Seema Das



#### KNOW YOUR ENGLISH

## I was miffed that I was not invited to sing

Everybody in office seems disturbed. However, my colleagues are being very tight-lipped about it

"You look happy! Does this mean that you've got your promotion?"
I haven't heard anything about it, "I haven't heard anything look. Hasn't your boss told you anything?"
"Nobody is talking. They're being very tight-lipped about the interviews."
"Ight lipped about the interviews."

with your lips pressed together."
"Something that people do when
they're angry – keep their lips pressed

together."
"Exactly!"
"How about this example? There's no

now assist units example: There's no point talking to Aditya right now. He's only giving tight-lipped replies." "Great example. "Tight-lipped" can also be used to mean not saying anything. When an individual remains tight-lipped about some matter, he remains silent about 12."

"He's unwilling to give any information about the matter." "Exactly! The Minister has remained

The Sulvaining to give any innormation the Saciety The Minister has remained tight-lipped about the cause of the second s

way he treats you."
"In other words, the person is not nice

annoying. When you're miffed about something, you're only slightly angry about it – not very angry. The children were miffed when the school decided to cancel their visit to the zoo."

## Word of the day

Incinerate:

Synonym: burn

Usage: The paper incinerated quickly. Pronunciation: bit bylocinerateors

International Phonetic Alphabet: /ɪnˈsɪnəɹeɪ

For feedback and suggestions for

# <u>John Xavier</u> Sahana Venugopal

# The story so far:

n August 5, Google lost a major antitrust case brought against it by the U.S. Department of Justice (DOJ) that sought to establish that the tech giant had a monopoly in the web search and advertising sectors. The 10-week-long bench trial that took place in September 2023 saw high-profile tech leaders, including Google CEO Sundar Pichai and Microsoft CEO Satya Nadella, testifying before the U.S. District Court for the District of Columbia. The lawsuit accused Google of using its dominant position in the search engine market to elbow out rivals and maintain monopoly. Its exclusive deals with handset makers were brought before the court as evidence. In the end, U.S. District Judge Amit Mehta ruled that Google was a monopolist.

# What did the ruling state?

According to the ruling, Google's search dominance was majorly achieved through a strategy of exclusive distribution agreements, or default distribution. This refers to the way Google entered into lucrative contracts with "browser developers, mobile device manufacturers, and wireless carriers" so that it was the first or default search engine that users of such services or new phones were given. Google pays for this privilege and has shelled out more than \$26 billion for it in 2021, per the court.

"After having carefully considered and

weighed the witness testimony and evidence, the court reaches the following conclusion: Google is a monopolist, and it has acted as one to maintain its monopoly. It has violated Section 2 of the Sherman Act," the ruling noted, referencing a U.S. law that views business monopoly or attempts at monopolising as an offence. Per the court, Google used its monopoly power in two markets: general search services and general search text ads. "Importantly, the court also finds that Google has exercised its monopoly power by charging supra-competitive prices for general search text ads. That conduct has allowed Google to earn monopoly profits," reported the filing. Furthermore, the court harshly criticised the way Google failed to preserve employee correspondence that could have served as evidence.

However, some of the court's conclusions were in favour of the tech giant. It was determined that Google did not have monopoly power in the search advertising market. The court also noted there was no product market for general search advertising and that Google was not liable for actions involving its advertising platform.

In addition to this, Google will not be sanctioned for the way it failed to preserve employee chat messages, though the court warned it might not be so "lucky" in a future case. Interestingly, the judge observed that Google had brought out the "industry's highest quality search engine, which has earned Google the trust of hundreds of millions of daily users."

# How do monopolistic practices harm consumer experience?

Regulators around the world monitor how businesses use technology in their countries, to prevent the concentration of power in the hands of a few entities. This ensures healthy competition in the market segment, so that all participants are striving to do better for their customers. When a monopoly comes into existence, however, rivals may be forced out of the market while the company with the most power is able to abuse customers because they have very few other options. Such companies also lose the incentive to keep improving the quality of their product.

The court ruling in the Google case even pointed to this as a risk factor.

"Google's indifference is unsurprising. In 2020, Google conducted a quality degradation study, which showed that it would not lose search revenue if it were to significantly reduce the quality of its search product," observed the filing, "the fact that Google makes product changes without concern that its users might go elsewhere is something only a firm with monopoly power could do."

# What did the U.S. DOJ say?

The U.S. DOJ hailed the ruling as a public victory for internet users in the U.S.

"This victory against Google is an historic win for the American people," said Attorney General Merrick B. Garland in a statement on the DOJ website. "No company – no matter how large or influential – is above the law. The Justice Department will continue to vigorously

enforce our antitrust laws."

Google is far from the only company in the regulator's line of vision.

The U.S. DOJ is also reportedly teaming up with the U.S. Federal Trade Commission (FTC) to act against other large tech players on antitrust grounds, including Microsoft, OpenAI, and Nvidia, as per *The New York Times*.

# What happens next?

Google will be appealing the ruling. In the meantime, the court has asked both parties, Google and the Department of Justice, to find a remedy ahead of their meeting with Judge Mehta on September 9. The remedy, in this case, could range anywhere between breaking up Google to ordering the search giant to end its exclusive deals with mobile makers.

The former could fundamentally alter the dynamics of consumer digital business market as Google plays a key role by providing its platform to both individuals and businesses to interact. In the latter case, in terms of immediate effect, handset makers could lose billions of dollars they receive from Google to pre-load the company's search engine in the smartphone.

This hefty payment to smartphone makers, particularly Apple, disincentivises them from innovating a rival search engine. Apple, during the hearing, had said that it will continue to use Google as its default search engine. Apart from this lawsuit, the Justice Department is set to go against Google in another antitrust trial that deals with the internet company's ad technology.

- Google's Monopoly: The court determined that Google is a monopolist in two markets:
- general search services and
- general search text ads.
- The monopoly was achieved through exclusive distribution agreements, where Google pays to ensure that its search engine is the default on various devices.

**Court's Findings:** While the court found Google guilty of maintaining a monopoly, it did not find Google guilty of having a monopoly in the search advertising market.

Google will not be sanctioned for failing to preserve certain employee chat messages.

# Impact on Consumers:

 The article discusses how monopolistic practices harm consumer experience by reducing competition and innovation. This is particularly important in technology markets where companies like Google hold significant market power. **DOJ's Stance:** The DOJ hailed the ruling as a victory for internet users in the U.S., emphasizing that the law applies to all companies, regardless of size or influence.

What's Next: Google plans to appeal the ruling, and potential remedies could include breaking up Google or ending its exclusive deals with mobile makers.

- According to the article, what was one of the key reasons the court found Google to have maintained its monopoly?
- 1.Google underpriced its services to drive out competitors.
- 2.Google's search engine was the first to launch globally.
- 3.Google used exclusive distribution agreements to become the default search engine.
- 4. Google had superior technology that competitors could not match.

#### LEGEND

#### Brazil's Marta hints at retirement after finishing with a silver



Marta said on Saturday that defeat in the Olympic women's football final was likely her last appearance for Brazil. "In the Olympic Games (yes) and probably in official competition," Marta said after Brazil's

#### REDEMPTION

Taiwan's Lin claims 57kg Olympic boxing crown



Taiwan's Lin Yu-ting won her Paris Olympics women's boxing final on Saturday. A day after Algeria's Imane Khelif clinched gold at 66kg, Lin claimed the 57kg crown with a unanimous points deci win over Poland's Julia Szeremeta at Roland Garros. It was Taiwan's second gold of the Games.

#### POWER-PACKED

Talakhadze clinches his third consecutive weightlifting gold



asha Talakhadze of Georgia won his third conin the heaviest weightlifting division, taking gold in the men's +102 kilograms on Saturday. Talakhadze won gold in the men's +102 kilograms after winning at +109 kilograms in Tokyo three years ago and +105 kilograms in 2016 at Rio de Janeiro.

#### RECOGNITION

Nadeem set to be honoured with Hilal-e-Imtiaz Award



Javelin thrower Arshad Nadeem is set to be honoured with the Hilal-e-Imitiaz Award by the Pakistan on ment it is the lian award given by the Gove

# A mixed bouquet of hits and near misses for India

It matched its second-best finish of six medals, achieved in London 2012, one less than that of Tokyo and the performance may make the decision makers at TOPS and MOC go in for a re-think



aris 2024 will be re-membered for the six medals which brought joy to the Indians as well as the six fourth place finishes that resulted

A medal less than what was achieved in Tokyo may have restricted celebrations in the Indian camp, but the mixed bouquet of hits and near misses paints

hits and near misses paints a promising picture of In-dian sports.

Neeraj Chopra, Manu Bhaker, Sarabjot Singh, Swapnil Kusale, Aman Seh-rawat and the Indian hock-ey team contributed to the six medals, including a sil-ver and five bronze.

the medals tally while To-kwo's one sold, two silver

kyo's one gold, two silver and four bronze had put in



sports pistol), Arjun Babu-ta (IOm air rifle) and the mixed team pair of Anant-jeet Singh Naruka and Ma-heshwari Chauhan (skeet), the archery mixed team pair of Ankita Bhakat and B. Dhiraj, shuttler Lakshya Son net unsightling Mits. Sen and weightlifter Mira-bai Chanu missed podium

margins.
The quarterfinal losses of boxers Nishant Dev and Lovlina Borgohain, just a

step away from securing a medal, added to the coun-try's so-near-yet-so-far mo-

aspirations.

After wrestler Sushil Ku-mar and shuttler P.V. Sind-hu, Neeraj became the third Indian to claim two consecutive individual meinjury issues Neeraj achieved his season best, 89.45m, which was close to his personal best 89.94m, to pick up a silver. The world champion needs to

get fitter to cross the much-awaited 90m mark.

After their flop shows in 2016 and 2020, the Indian shooters bounced back. Following her Tokyo disap-pointment, pistol shooter pointment, pistol shooter Manu – who scripted history by becoming the first Indian woman shooter and

the first from the country to take two bronze medals in a Games (in 10m air pis-tol individual and mixed team with Sarabjot) scripted a superb turna-

Kusale added another

kusaie added another bronze in the 50m rifle 3-position event. Sehrawat, another pro-duct of Delhi's famous duct of Delhi's famous Chhatrasal Stadium that produced wrestlers of the class of Sushil, Yogeshwar Dutt and Ravi Dahiya, gave a fine display to land In-dia's solitary medal from urcerting

wrestling.
Two-time World cham-pionships medallist Vinesh, dropping down to 50kg, gave the country rea-sons to celebrate by stun-ning World and Olympic ning World and Olympic champion Yui Susaki of Ja-pan on her way to the final. But the joy was short-lived as the ace wrestler was overweight by 100gm dur-ing the weigh-in on the se-cond morning ahead of her title clash.

title clash.

She has appealed to the Court of Arbitration for Sport against her disequalification and is claiming a silver for her efforts. Sports lovers will await CAS's decision, expected on Tuesday, to know whether the countries of the countries of the countries of the countries of the claim of the countries of the countrie try manages to match its Tokyo medal tally.

pite the change in its coach about a year back, to retain ed the crores of Indians who are emotionally at-tached to the sport for its

tached to the sport for its rich history in the country. It was a fitting farewell to seasoned goal-keeper P.A. Sreejeehr, watched its second-best finish of six medals, achieved in London 2012, and the performance, for which the central government spent through the Target Olympic Podium Scheme pic Podium Scheme (TOPS) and Mission Olym-pic Cell (MOC) to provide full support to the athletes, may make the decision

makers go in for a re-think. To put the heart-breaking moments into perspec tive, they tell us the capa bility of the Indian athletes

pics. As Paris closed its third Games, India would do well to take a leaf out of France's book to transform itself as a sporting nation.

# Kipyegon makes 1,500m history: **USA** underlines its dominance



Agence France-Presse

History-making Faith Kipyegon became the first woman to win three consecutive Olympic 1,500m titles as the United States bagged three more golds on Saturday to confirm its track and field dominance.

The final Olympic ses-sion at a packed 69,000-capacity Stade de France offered up another star-tling night of dramatic action.

action.

There was redemption for Jakob Ingebrigtsen in the 5,000m, while New Zealander Hamish Kerr won a jump-off for high jump gold.

Kipyegon made history in spectacular style, the 30-year-old 2016 and 2020

tical masterpiece to take gold in a new Olympic re-cord of 3min 51.29sec.

It was another remarka-ble performance by Kipye-gon, the reigning World champion and world re-cord holder who can now arguably lay claim to being the greatest women's middle-distance runner in

history. "It has been a week with

"It has been a week with
a lot of emotions," said Kipyegon in reference to winning the 5,000m silver earlier in the week.
and I am proud to win my
third consecutive Olympic
gold medal in the ISO0m."
Kipyegon's teammate
Immanuel Kemponis
on the night after he held

off world champion Marc

off world champion Marco Arop of Canada for victory in the men's 800m. In high jump, Kerr and American Shelby McEwen were locked on 2.36m at the end of regulation competition. But neither want-ed to share and the pair went into a jump-off, the New Zealander coming out

Sydney McLaughlin-Lev-rone and 200m champion Gabby Thomas helped steer the men and woon top to rapturous ap-plause from the crowd. men's 4x400m relay teams to victory. The women, who won in 3:15.27, narrowly missed out on breaking one of the oldest world records in

plause from the crowd.

"High jump's always a
roller coaster, there's always a
roller coaster, there's always and then clear, and then
miss, said Kerr.
Two-time defending
World champion ingebrigaTwo-time defending
World champion ingebrigathe said of the said of the said
world champion ingebrigathe said of the said
world champion ingebrigation
place in the 1500m with a
dominant victory in the
\$.000m.
Somewagian timed
Tsmin 13.66sec for gold, Ke-

Faith Kipygegon (Ken): Wo-men's 1500m Hamish Kerr (NZ): Men's High Just (Christopher Bailey, Ver-non Norwood, Bryce Dead-mon, Rai Benjamin): Men's 4x400m Relay

USA (Shamier Little, Sydney McLaughlin-Levrone, Gabby Thomas, Alexis Holmes): Wo-Wang Liuyi & Wang Qianyi Chm): Artistic Swimming Duet

USA: Men's Basketball David Ahman & Jonatan Hell-rig (Swe): Men's Beach Volleyball Wig (awe): Men's begin Whilehold Wo-men's 57kg Lydia Ko (NZ): Golf Warmen's In-Sakura Motoki (Jpn): Wrestling Women's Freestyle 62kg

Abdumalik Khalokov (Uzb): Boxing Men's 57kg Li Qian (Chn): Boxing Women's Bakhodir Jalolov (Uzb): Boxing

Normal Women's STAG
Sifan Hassan (Ned): Athletics
Wamen's Marathon
Li Wenwen (Chn): Weightlifting
Wamen's +818g

China (Chen Meng, Wang Ma-nyu, Sun Yingsha): Toble Tennis Arian Salimi (Iri): Toekwoodo Althea Laurin (Fra): Taekwando Women's +67kg Lasha Talakhadze (Geo): Weight@ling Men's +102kg Solfrid Koanda (Nor): Weight-

1988.
USA topped the athletics medals table with 14 golds, II silvers and nine bronzes. Kenya wa second with four golds, two silvers and four bronzes.

athletics – the 3:15.17 set by the former Soviet Union in 1988.

ing silver in 13:15.04. USA's Masai Russel clocked 12.33sec for victo

ry in the IOOm hurdles be-fore 400m hurdles win-ners Rai Benjamin and

Final medals table

Men's Freestyle 65kg Michelle Gulyas (Hun): Mos **Haly:** Volleyball Women Denmark: Handball Men

Harrie Lavreysen (Ned): Cy cling Track Men's Keinin Jennifer Valente (USA): Cycling Track Women's Omnium Kiyooka Kitaro (Jpn): Wrestling USA: Basketball Warmen

#### India's pride



#### **POSTCARD FROM PARIS**

#### A gesture In a gesture to the

contribution of journalists covering the sport, former India captain and Hockey India president Dilip Tirkey invited some of them over for lunch to celebrate the national hockey team's second consecutive bronze medal win in the Olympics.

with the Osympics.

Tirkey, always warm
towards the scribes
through his long career
and even beyond it,
underlined the
importance of sports
writers in the growth of
the sport as he requested everyone present to give their autographs on a

planned to frame in the HI office. A call from hockey great Dhanraj Pillay to acknowledge the role of journalists in popularising the sport made the occasion all the more

The big sale
With the Olympics
drawing to a close, the
organisers decided to offer
before the country of the
organisers decided to offer
result one could see long
queues in front of the
merchandising outlets
with fans grabbing the
opportunity to purchase
the Puris 2024 products
ones. – V.B. Sarangi ones. - Y.B. Sarangi

# Final medals table

	Country	G	S	В	Т
1	USA	40	44	42	126
2	China	40	27	24	91
3	Japan	20	12	13	45
4	Australia	18	19	16	53
5	France	16	26	22	64
6	Nether- lands	15	7	12	34
7	Great Britain	14	22	29	65
8	Korea	13	9	10	32
9	Italy	12	13	15	40
10	Germany	12	13	8	33
71	India	0	1	5	6



**Winning over:** Wizard had the crowd against him in the final, but he soon had them eating out of his hand. GETTY IMAGES

# Canada's Wizard wins men's breaking title

# **Agence France-Presse**

**PARIS** 

Canada's B-Boy Phil Wizard won the inaugural Olympic men's breaking gold in Paris on Saturday, beating France's Dany Dann in the final.

Phil Wizard, whose real name is Philip Kim, triumphed, with B-Boy Victor of the US taking bronze.

The competition saw 16 dancers going head-to-head in a series of battles, starting with a pool stage before moving to a knock-out round.

The B-Boys showcased phenomenal athleticism and creativity, wowing the crowd at one of Paris' most elegant public spaces.

# **♦**TheIndian **EXPRESS**

ONDAY AUGUST 12 2024 NEW DELHI LATE CITY 18 PAGES

F7 OO (F8 BIHAR & RAIPUR F12 SRINAGAR) WWW INDIANEXPRESS COL



hooter Manu Bhaker and hockey goalkeeper P R Sreejesh head of the closing ceremony of the 2024 Summer Jlympics, in Paris on Sunday, PT MOREREPORTS, P 17, 1

with a few smiles —

and many red flags

Paris leaves India



Rs. 1.12 lakh crore for crop



# 'Students brought her down because they felt stifled... but when Mujib's statues were destroyed, we cried'

On the streets of Dhaka as regime changes: Protesters manage traffic, anti-Hasina writing on the wall



dents who hit the streets in protest against the then Sheikh protest against the then Sheikh Hasina government. Today, he is back on the road — this time as a student volunteer, supervising the traffic in the busy Shahbag area, next to the Dhaka Heisersity.commus.

interim government being put in place under Nobel Laureate Muhammad Yunus – to a new Chief Justice being sworn in



Obhik says he's been on traffic luty since 11 am, and was at his post till evening despite a drizzle Facing the wrath of the people siding with the government and shooting at protesters, the po-lice are not turning up for work.

BUSINESS AS USUAL

BY UNNY

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# Sebi backs chief Buch: Disclosed, recused on conflict of interest

Investment made in 2015... we were private citizens: Madhabi, husband



lated to conflict of interest, which include disclosure framework and provision for recusal.

the Chairperson no... time, SEBI said on Chairperson has also



terest," the regulator said, back-ing its Chairperson and advising

RELATED REPORTS

heels in, key query: Did she disclose fund linked to Adani?

SANDEEP SINGH, RITU SARIN & PVAIDYANATHANIYER MUMBALNEW DELHLAUGT



Buch digs her heels in with solid backing by

# Opp wants Buch to quit, JPC probe; bid to create economic chaos: BJP

letes didn't land on these shores as tourists. But they will still re-turn with a lingering sense of disappointment. The country's Paris Olympics campaign ended with six Allegations very serious, SEBI integrity compromised: Rahul

THE ATTECATIONS levelled by US-based Hindenburg Resi against SEBI chairpe Madhabi Buch triggered a s progressed. Madhabi Buch triggered a polit-CONTINUED ON PAGE 4 ical firestorm Sunday. While

demanded a JPC probe into the allegations, the BJP dismissed the charges and accused the charges and accused the charges and accused the citons abroad\* to create "economic chaos".

At the same time, BJP's Tamil Nadu president K Annamalai ing for a thorough probe and promising action if any wrong-doing was found but asserting.

# Dabbu, Rudra & a mango: How a children's scuffle turned into murder case that dragged on for 40 yrs

# PAGE 1 ANCHOR

AJOY SINHA KARPURAM & MANISH SAHU NEW DELHI, GONDA, AUGUST 11

OLYMPICS

MIHIRVASAVDA

ABBU HAD SPOTTED the nango, Rudra said it was his. On hot April day back in 1984, two



nedals – one silver and five ronze. There could be another, with an asterisk, as the Court of

with an assertiss, as the court of Arbitration for Sport is yet to pro-nounce its verdict in Vinesh Phogat's plea for a silver. But there were also six agonising fourth-place finishes, more than ever, to mark the bitter-sweet campaign that ebbed as the



udiciary, from the lowest court Il the way up to the Supreme

Court converted the conviction of murder in the case to the less stringent culpable homicide, But by the time the ruling came, two of the accused — Rudra Pratap Singh's father Ayodhya Singh and uncle Lalji Singh — had al-ready been dead for some years

epaper.indianexpress.com



## Day after J&K gunfight: Injured civilian dies, forces widen search ops

BASHAARAT MASOOD

tween security forces and mili-tants in south Kashmir's

Sunday, police said.
Two soldiers, identified as Havildar Deepak Kumar Yadav and Lance Naik Praveen Sharma, were killed on Saturday in the en-

search operation in the mountain our forests of the Ahlan Gado identified as Abdul Rashid Dar.

RELATED REPORTS



THOUSANDS FORCED TO LEAVE SOUTH



SKYID

# How Centre's Clean Plant Programme plans to boost production of fruits

#### **HARIKISHAN SHARMA**

NEW DELHI. AUGUST 11

THE UNION CABINET on Friday approved the Clean Plant Programme (CPP), aimed at increasing the yield and productivity of horticulture crops in India.

EXPLAINED

**POLICY** 

First announced in Union Finance Minister Nirmala Sitharaman's interim Budget speech in February 2023, the

CPP is also targeted at enhancing the quality of fruit crops across the nation.

The Ministry of Agriculture has sought an allocation of Rs 1,765 crore for the programme. One half of this will be sourced from the budget of the Mission for Integrated Development of Horticulture (MIDH), while the other half will be in the form of a loan from the Asian Development Bank (ADB).

#### How will the CPP work?

The programme has three main components geared towards helping farmers ob-

tain virus-free, high-quality planting material (plants used for vegetative propagation) in order to increase crop yields and improve income opportunities. These are:

■ Development of nine Clean Plant Centers (CPCs) which will provide disease diagnostics and therapeutics, create mother

> plants to be sent to nurseries, and quarantine all domestic and imported planting materials intended for commercial propagation and distribution;

- Enhancement of infrastructure, including the development of large-scale nurseries to facilitate the efficient multiplication of clean planting material the mother plants obtained from the CPCs will be multiplied in nurseries and distributed to farmers;
- Creation of regulatory and certification process to ensure thorough accountability and traceability in the production and sale of planting material.

#### What is the need for the CPP?

India is the second largest producer of

# NINE CITIES, NINE CLEAN PLANT CENTERS LINKED TO ICAR INSTITUTES

The CPCs will be established in collaboration with the Indian Council of Agricultural Research (ICAR) for specific horticulture crops. Each CPC will be linked to a different ICAR institute.

- IN PUNE, the CPC for grapes will be linked to the National Research Centre for Grapes, Pune
- ■IN BENGALURU, the CPC will cater to four crops — mango, guava, dragon fruit, and avocado — and be linked to the Indian Institute of Horticultural Research, Bengaluru
- IN NAGPUR, a CPC for citrus fruits will be developed at the Central Citrus Research Institute, Nagpur

- ■IN BIKANER, another CPC for citrus fruits will be developed at the Central Institute of Arid Horticulture, Bikaner
- ■IN SRINAGAR, a CPC for temperate fruits apple, almond, walnut, berries, etc. will be developed at the Central Institute of Temperate Horticulture (CITH), Srinagar
- ■IN MUKTESHWAR, another CPC for temperate fruits will be developed at the CITH's regional station in Mukteshwar

- IN SOLAPUR, a CPC for pomegranate will be linked to the National Research Center on Pomegranate, Solapur
- IN EAST INDIA, a CPC for tropical and subtropical plants will be developed in collaboration with to ICAR's East India Horticulture Centres in West Bengal and Jharkhand
- IN LUCKNOW, the Central Institute for Subtropical Horticulture will develop a CPC for mango, guava, and litchi

fruits and vegetables in the world after China. From 2013-14 to 2023-24, the area under horticulture crops has risen from 24 million

hectares to 28.63 million hectares, and production has increased from 277.4 million metric tonnes (mt) to 352 million mt.

India is also a major importer and exporter of fresh fruits. In the financial year 2023-24, India exported fresh fruits worth \$1.15 billion,

while it imported fruits worth \$2.73 billion. With the rising consumption of fruits in the country, demand has specifically increased for planting materials of foreign apples, and "exotics" such as avocado and blueberry.

According to sources, between 2018-20, the EXIM committee for import of planting material of fruit plants permitted the import of 21.44 lakh apple plants in 2018, which increased to 49.57 lakh in 2020. In 2018, permission was given to import only 1,000 avocado plants which increased to 26,500 in 2020. Similarly, permissions for the import of blueberry plants went up from 1.55 lakh in 2018 to 4.35 lakh in 2020.

At present, the process of importing plants is very cumbersome, with imported plants having to be kept in quarantine for two years. The CPCs will cut this period down to six months, and thus make it easier for farmers to access disease free and genuine planting material for horticultural crops in India.

The concept of CPCs is on the lines of projects in countries like the US, Israel, and the Netherlands.

• The article discusses the Union Cabinet's approval of the Clean Plant Programme (CPP) aimed at increasing the yield and productivity of horticulture crops in India.

The program, announced in the interim Budget speech by Union Finance Minister Nirmala Sitharaman in February 2023, also focuses on enhancing the quality of fruit crops across the nation.

# **Budget Allocation:**

The Ministry of Agriculture has sought an allocation of Rs 1,765 crore for the program.

Half of this will come from the budget of the Mission for Integrated Development of Horticulture (MIDH), and the other half from a loan from the Asian Development Bank (ADB).

# Programme Components:

- Establishment of nine Clean Plant Centers (CPCs) linked with Indian Council of Agricultural Research (ICAR) institutes.
- The CPCs will provide disease diagnostics, create mother plants for commercial propagation, and quarantine all domestic and imported planting material.
- Enhancement of infrastructure to support large-scale nurseries and facilitate multiplication of clean planting material.

# Locations of CPCs:

- Pune: Grapes, linked to the National Research Centre for Grapes.
- **Bikaner:** Citrus fruits, linked to the Central Institute of Arid Horticulture.
- Nagpur: Citrus fruits, linked to the Central Citrus Research Institute.
- **Solapur:** Pomegranate, linked to the National Research Center on Pomegranate.
- Srinagar and Mukteshwar: Temperate fruits (apple, almond, walnut, etc.), linked to the Central Institute of Temperate Horticulture.

• Bengaluru: Mango, guava, dragon fruit, and avocado, linked to the Indian Institute of Horticultural Research. Lucknow: Mango, guava, and subtropical fruits, linked to the Central Institute for Subtropical Horticulture. East India: Citrus and subtropical plants, in collaboration with ICAR's centers in West Bengal and Jharkhand.

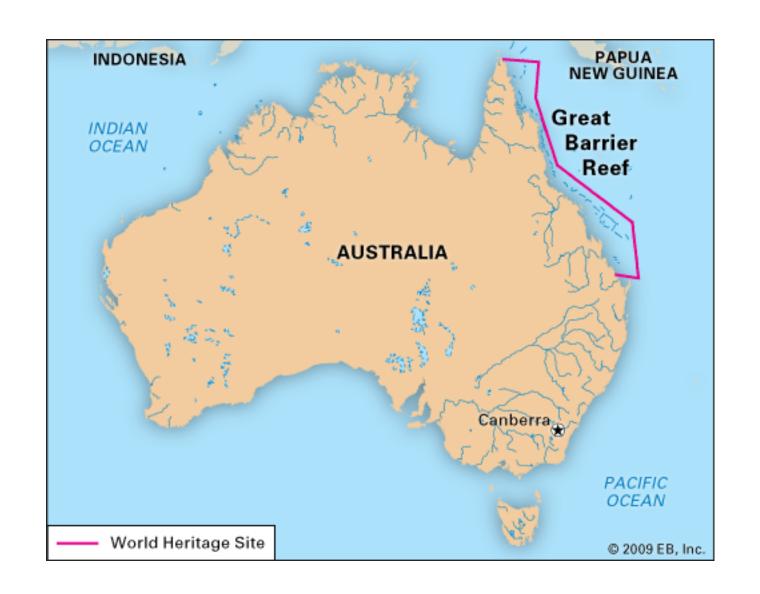
# 1. Need for CPP:

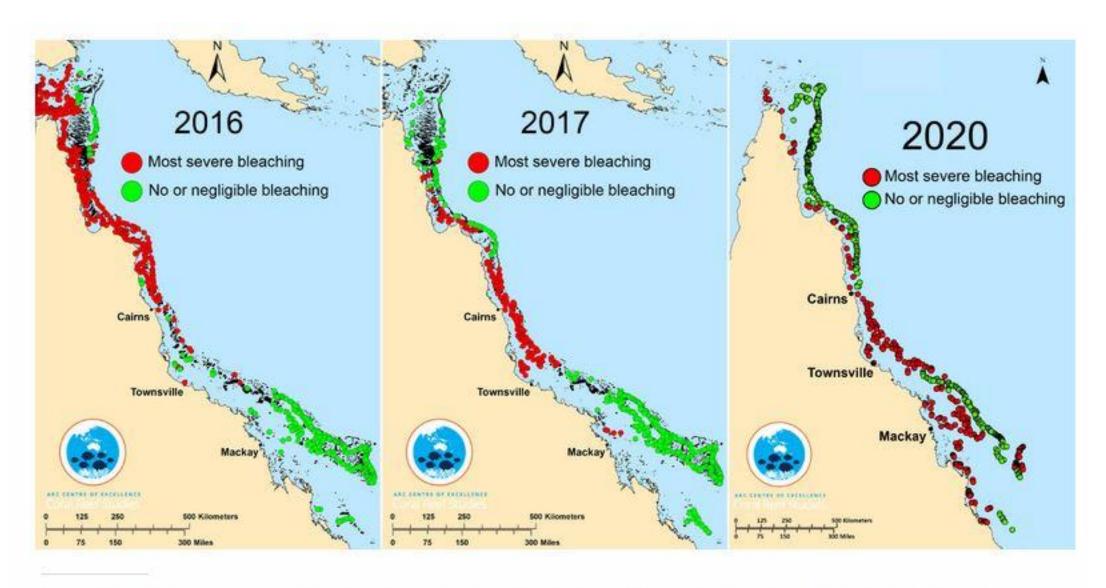
- 1. India is the second-largest producer of fruits and vegetables globally, with an increasing area under horticulture crops.
- 2. The demand for planting materials for foreign fruits such as avocado and blueberry has risen, leading to increased imports.
- 3. Current processes for importing plants are cumbersome, with lengthy quarantine periods. The CPP aims to cut this period and facilitate easier access to disease-free and genuine planting material.

- What is one of the primary objectives of the Clean Plant Programme (CPP) as discussed in the article?
- 1.To import more fruits from foreign countries to meet domestic demand.
- 2.To establish a network of Clean Plant Centers (CPCs) across India to enhance the quality and yield of horticulture crops.
- 3. To reduce the export of Indian fruits to increase domestic availability.
- 4.To increase the area under horticulture crops by 50% in the next five years.

# Warming of Great Barrier Reef Waters







Mass bleaching events on the Great Barrier Reef in 2016, 2017 and 2020. (Credit: ARC Centre of Excellence for Coral Reef Studies)

# (Rainforests of the seas)



## About

- \* Large underwater structures made of skeletons of colonial marine invertebrates 'coral' – individually called polyp
- Symbiotic Relationship with algae
   'zooxanthellae' (responsible for beautiful colours of corals)
- ¥ Support over 25% of marine biodiversity

# **Hard Corals vs Soft Corals**

- # Hard Corals Rigid skeleton made of CaCO<sub>a</sub> reef-building corals
- ¥ Soft Corals Non reef-building

# **Great Barrier Reef (Australia)**

- ¥ Largest Coral Reef in the World
- ¥ World Heritage Site (1981)
- ¥ Endures Mass Coral Bleaching



# Corals in India

F Present in the areas of Gulf of Kutch, Gulf of Mannar, Andaman & Nicobar, Lakshadweep Islands and Malvan



## **Significance**

- Coral reefs protect coastlines from storms/erosion, provide jobs, offer opportunities for recreation
- ¥ Source of food/medicines

# S Marks Disha M

### **Threats**

- Natural: Temperature, Sediment Deposition, Salinity, pH, etc.
- \* Anthropogenic: Mining, Bottom Fishing, Tourism, pollution, etc.



# **Coral Bleaching**

- Corals under stress expel algae thus turning white (bleached)
- Bleached corals not dead but, more risk of starvation/disease



# **Initiatives to Protect Corals**

# **Technology**

- ¥ Cyromesh: Storage of the coral larvae at (-196°C) - Can be later reintroduced to the wild
- ▼ Biorock: Creating artificial reefs on which coral can grow rapidly



## Global

- ▼ International Coral Reef Initiative
- ▼ The Global Coral Reef R&D Accelerator Platform







# Great Barrier Reef Marine Park



**AREA** 344,400 km<sup>2</sup>

LENGTH 2300 km long

# 70 million football fields

Roughly the same area as...









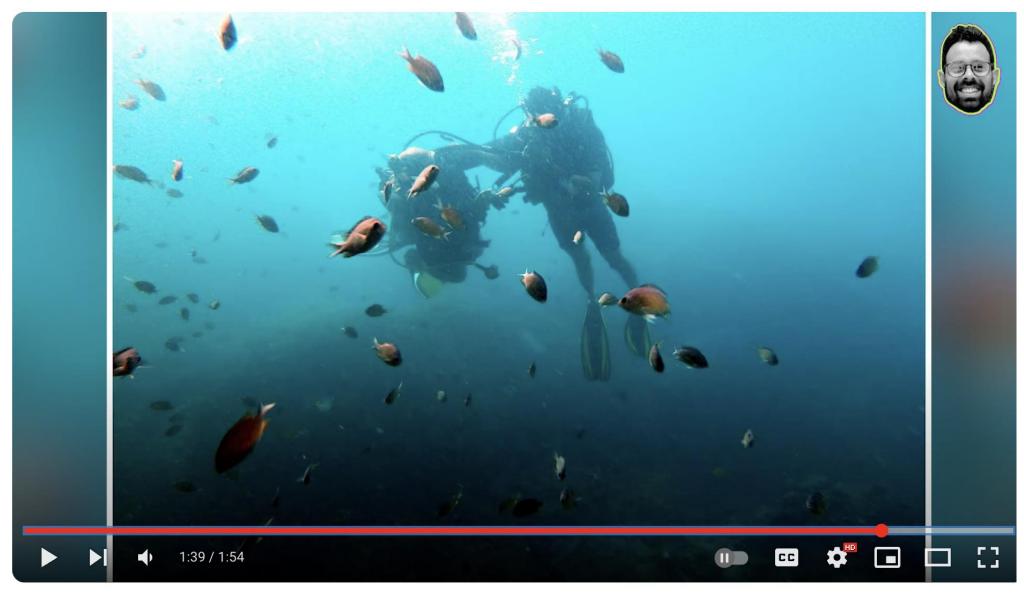












#### **Bhunesh Sir Scuba Diving at Great Barrier Reef Australia**



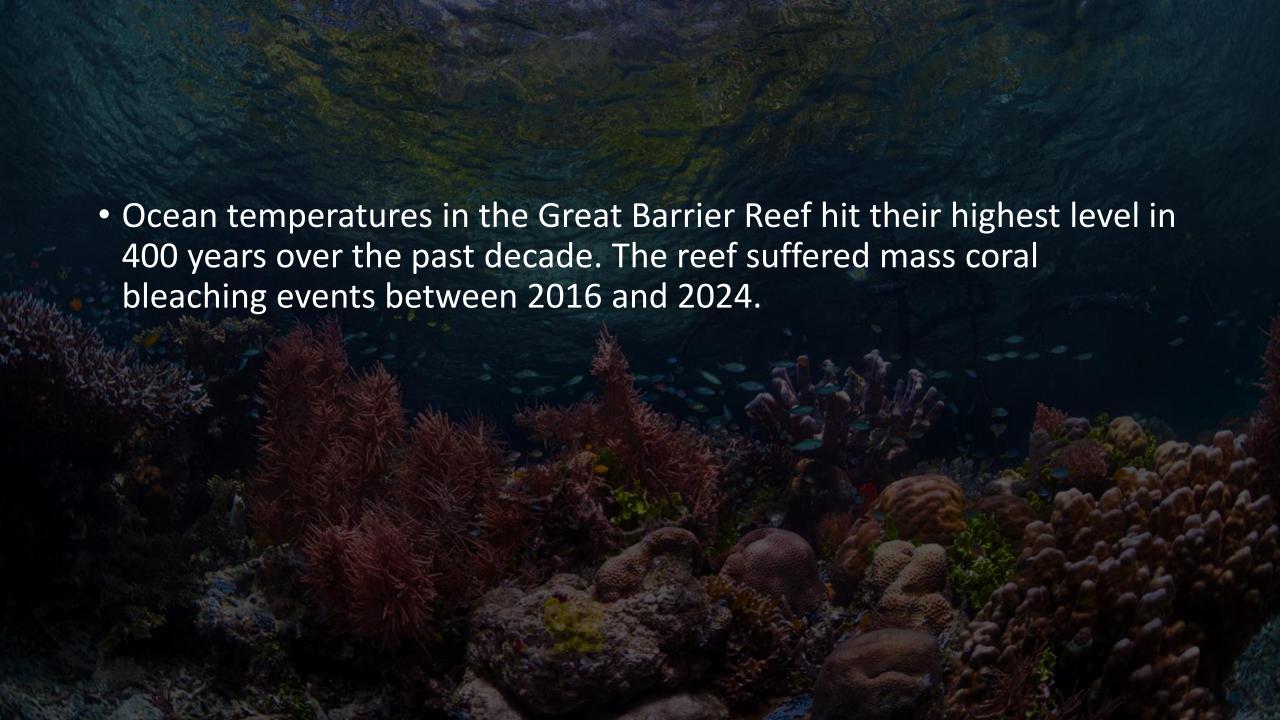












- Great Barrier Reef (GBR)
- The GBR is the world's largest coral reef system. It's located in the Coral Sea
- off the coast of Queensland, Australia.
- It stretches across 2,300 km and is made up of around 3,000 individual reefs
- and 900 islands. The GBR is home to 400 types of coral, and 1,500 species of fish.
- It's also home to endangered species such as the dugong and the large green turtle.

• The GBR is a UNESCO World Heritage site and was inscribed in 1981. Widespread mass bleaching of the Great Barrier Reef was first seen in 1998 and happened again in 2002, 2016, 2017, 2020, 2022 and 2024.

- What are the Research Findings?
- Coral Bleaching: Aerial surveys of more than 300 reefs along Australia's northeast coast revealed bleaching in shallow waters, affecting two-thirds of the reef.
- **Rising Threats**: Even if global warming is kept under the Paris Agreement's goal, 70% to 90% of corals across the globe could be threatened.
- Less Diversity: Coral reefshave been evolving over the past quarter century in
- response to bleaching events.

- What are Coral Reefs?
- About:
- Coral reefs are marine ecosystems primarily composed of coral polyps that form symbiotic relationships with zooxanthellae, a photosynthetic algae.
- The zooxanthellae provide corals with nutrients and oxygen, while corals offer shelter. This mutualism is vital for the health and survival of coral reefecosystems.



- Q.Consider the following statements: (2018)
- 1. Most of the world's coral reefs are in tropical waters.
- 2. More than one-third of the world's coral reefs are located in the territories of
- 3. Australia, Indonesia and Philippines.
- 4. Coral reefs host far more number of animal phyla than those hosted by tropical
- 5. rainforests.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only
- **(b)** 3 only
- **(c)** 1 and 3 only
- (d) 1, 2 and 3



Recently, the Madras High Court observed that an idol is treated as a
juristic personality in law during a case involving the closure of a
temple for 10 years without customary pujas due to a dispute
between the communities over the issue of Untouchability.

- The court emphasised the responsibility of the administration to prevent the illegal closure of temples and ensure adherence to worship rights.
- The Court recognized the idol in a temple can hold property and engage in legal actions. A temple must remain open for worship and customary rituals.

The Doctrine of Parens Patriae, which means "parent of the nation," is
a legal principle that grants the state (judiciary) the inherent power and
authority to act as the guardian for those who are unable to care for
themselves.

## Landslide Early Warning Systems (LEWS) in India

 India launched its first regional early warning system for rain-induced landslides

#### About LEWS

- It is developed by the Geological Survey of India (GSI), and is designed to predict the likelihood of landslides based on rainfall data.
- The National Landslide Forecasting Centre started by the GSI.
- Current Coverage: Daily forecasts are provided for Kalimpong, Darjeeling, and the Nilgiris.
  - It will Extend coverage to other areas by 2030.

#### **Function**

Prediction: Assess likelihood of landslides.

Dissemination: Share information to mitigate impacts.

Response: Enable timely action based on forecasts.

- Types:
- Regional Systems: Forecasts over larger areas but cannot pinpoint specific slopes.
- Slope-Specific Systems: More detailed, targeting individual slopes.
- International Comparisons:
- Hong Kong: Effective communication through door-to-door campaigns.
- Other Countries: Italy, the US, and Japan have developed advanced systems for debris flows.

## Word of the day

#### **Incinerate:**

become reduced to ashes; cause to undergo combustion

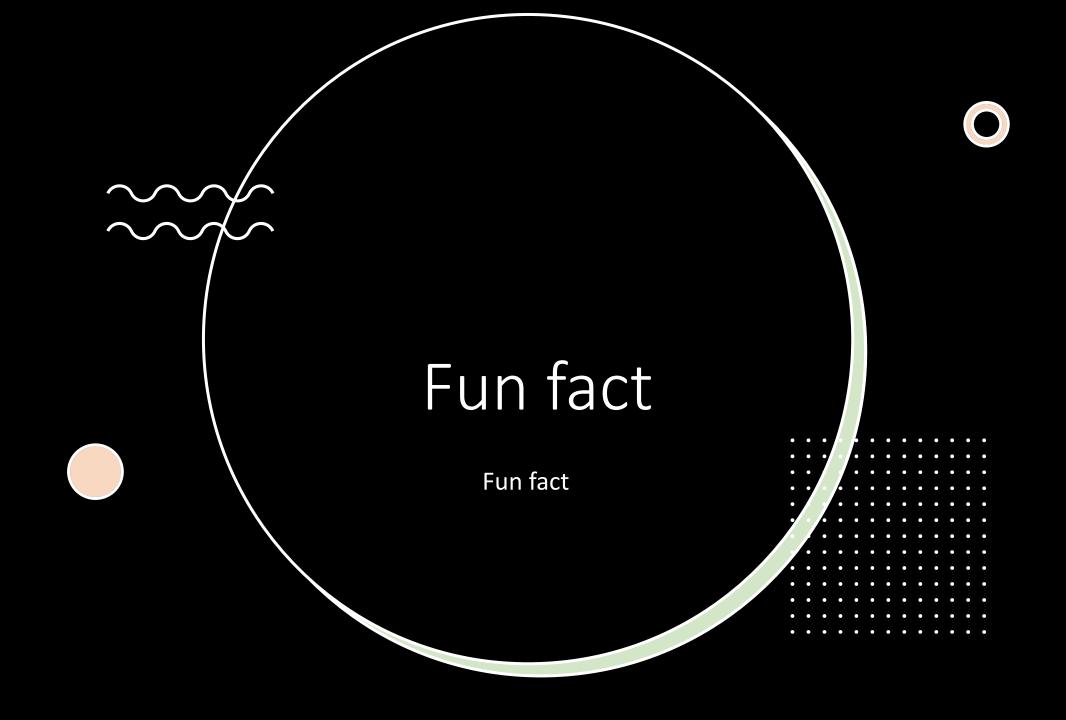
Synonym: burn

**Usage:** The paper incinerated quickly.

Pronunciation: bit.ly/incineratepro

International Phonetic

Alphabet: /ɪnˈsɪnəɹeɪt/





• Olympic Medals: The last Olympic gold medals that were made entirely out of gold were awarded in 1912. Today, gold medals are primarily made of silver and coated with about 6 grams of gold.

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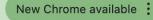
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