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U.S. NEGOTIATORS EXPECTED IN DELHI LATER THIS MONTH

INDIAN EXPRESS UPSC IAS EDITION HD 07~08~2025 Trump doubles India tariff to -: FOR UPSC IAS ASPIRANTS: "AVOID POLITICAL & IRRELEVANT ARTICLES" ase Try To Read This Completely in 40 Minutes If You 50%, opens 21-day window Can't So Then You Have To Increase Your Efforts

US tariff on India highest among countries; puts world on notice over Russian oil

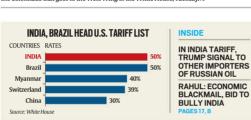
RAMPING UP pressure ahead of the expected arrival in India of US trade negotiators on August 25, President Donald Trump Wednesday doubled the tariffs on India to 50 per cent, but opened a 21-day window before the additional tariff of 25 per

the additional tailf of 25 per cent kicks in. A White House statement said the US will impose "addi-tional 25 per cent ad valorem duty" above the 25 per cent re-ciprocal tariffs announced on August 1 to "deal with the national emergency stemming from Russia's actions in Ukraine". This tariff is deemed Ukraine: I his tariff is deemed necessary and appropriate due to India's "direct or indirect im-port of Russian Federation oil", which the President judges will more effectively address the na-tional emergency, the executive order said.

The additional tariff dramatically raises pressure on India as most of its competitors such as Vietnam, Bangladesh and now CONTINUED ON PAGE 2



President Donald Trump shouts to reporters as he surveys the grounds from the roof above the Colonnade that goes to the West Wing of the White House, Tuesday. AP



Unreasonable. uniustified. unfair: India hits back at Trump tariff

DIVYA A & SHUBHAJIT ROY NEW DELHI, AUGUST

INDIA ON Wednesday hit had the tariff to 50 per cent, reiterat-ing that the action was "unfair, injustified and unreasonable

unjustified and unreasonable."
The government said it would take "all actions necessary" to "protect its national interests".
"The United States has in recent days targeted India's oil imports from Russia. We have already made clear our position on these issues, including the fact that our imports are based on that our imports are based on market factors and done with the overall objective of ensuring the energy security of 1.4 billion people of India," the Ministry of External Affairs (MEA) official spokesperson, Randhir Jaiswa, said in a statement on Wednesday evening.
"Its therefore extremely unfortunate that the US should be considered to the desired of the control of the control

choose to impose additional tar-iffs on India for actions that sev-CONTINUED ON PAGE 2

All the topics of this UPSC IAS Edition are directly or indirectly important for the prelims & main examination. There are some topics which can be coded in answer writing of other topics in the main exam.

कतेच्य भवन ३ /ya b**hava**n 3

PM Narendra Modi inaugurated Kartavya Bhavan, which will house offices of ministries, on Wednesday, PTI REPORT, PAGE 9

PM likely to be in China for SCO meet, his first visit in 7 yrs

SHUBHAJITROY

PREPARATIONS ARE underway to schedule a visit by Prime Minister Narendra Modi to China where leaders of the Shanghai Cooperation Organisation will gather for the Summit in Tianjin from August 31 to Septen sources said Wednesday.

On the sidelines of the Summit, if the visit materialises, Modi is also expected to hold bi-lateral talks with Chinese President Xi Jinping, a meeting that will take place amid rising tensions with the US over trade tariffs and purchase of Russian oil.

The two leaders last met on October 23, 2024 on the margins October 23, 2024 on the margins of the BRICS Summit in the Russian city of Kazan, setting the stage for the disengagement of troops at two friction points along the Line of Actual Control in eastern Ladakh and resumption of patrolling.

The Prime Minister's visit, which sources said is still being planned, will be his first to China in seven years – the last visit was in 2018. The military standoff dong the LAC für eastern Ladakh

along the LAC in eastern Ladakh began in May 2020 following Chinese incursions. The disen-gagement process was com-pleted in November 2024, days CONTINUED ON PAGE 2

RBI Governor: Reduced Russia oil purchase won't impact inflation

SIDDHARTHUPASANI

THE RESERVE Bank of India (RBI) sees no major impact on domes-tic inflation if India reduces its purchases of oil from Russia amid US President Donald Trump's threats of a "penalty" and announcement slapping a combined tariff of 50 per cent or

India. Speaking to reporters Wednesday at the conclusion of the Monetary Policy Committee's (MPC) three-day meeting — hours before Trump



PRI HOLDS REPO **GROWTH AT 6.5%** slapped another 25 per cent tar-iff on India – RBI Governo Sanjay Malhotra said it was important to keep in mind that India did not buy oil only from

Russia.

"It's not only Russian oil that we are taking; we are taking; we are taking oil frommany other countries. If the mix changes, what is its impact on prices, what is the global commodity prices of crude, it will depend on all that. And the other thing it will depend on is how much of its impact, downwards or upwards, is actually taken by the government in the CONTINUED ON PAGE 2

Agri a stumbling block in talks, but India-US trade in sector sees surge

EVEN AS agriculture, along with purchase of Russian oil, has purchase of Russian oil, has emerged as a key sticking point in the trade talks between India and the United States, here's an interesting fact: Trade in farm produce between the two countries is ac-

between the two countries is ac-tually booming and poised to touch a new record this year. During January-June 2025, India's imports of agricultural products from the US were, at \$1,693.2 million, a whopping

INDIA. U.S. AGRICULTURE EXPORTS 2.348.5 2.040.7 2.378.8 1.135.8 1.693.2 49.1 6,658.8 5,811.5 6,211.9 2,798.9 3,472.7 24.1 Exports in millions of dollars: Source: US Department of Agriculture

49.1% more than the \$1,135.8 million for the same six months of the last calendar year, India's agricultural exports to the US, too, were up 24.1%, from \$2,798.9 million in January-June

2024 to \$3,472.7 million in January-June 2025 (see chart). With US President Donald Trumpdoubling the tariff on im-port of goods from India to CONTINUED ON PAGE 2

In Maharashtra port, ship waits to be sunk, start new life as artificial reef

SONAL GUPTA

ATTHE Vijaydurg port, a natural AT THE VIJAYOUTG PORT, A NATURAL harbour in Maharashtra's coastal Sindhudurg district, an 81-metre-long piece of naval history lies still against the blue of the Arabian Sea, awaiting its second innings.

nings. INS Guldar a decommissioned Navy warship, will soon be deliberately sunk — or 'scut-tled' — to breathe new life into

its metal bones, transforming it into an artificial reef and an un-derwater tourist attraction. Though scuttled ships have been used to create artificial reefs elsewhere in the world, this is the first such attempt in India

"The idea behind this project "The idea behind this project is to develop tourism in Sindhudurg. When the ship is submerged, it will gradually form an underwater reef that attracts various kinds of fish. Once that happens, people from allower the world, especially avid scuba divers, will come to the district," says an official of the Maharashtra Tourism Development Corporation (MTDC) who is associated

with the project.
Home to MTDC's Indian Institute of Scuba Diving and Aquatic Sports (IISDA), Sindhudurg, 120 km from Goa, has been a training centre for scuba diving enthusiasts for over a decade

a decade.

Had S Guldar would have been scuttled in April. Officials aid its scuttling was postponed in view of tensions between India and Pakistan after the April 22 terror attack in Pahalgam. An official at the Mazagon Dock Shipbuilders Limited, the

government-run firm responsi-ble for the scuttling, said the

THE PLAN

Scuba divers will be allowed to dive down to where the ship is non-certified divers can go to a depth of 12 metres; certified divers up to 18 metres; advanced divers to the deepest part of the ship Non-divers can opt for a submarine ride to view the shipwreck ■ MTDC hopes that in a year or two, an artificial reef will come up at the site

epaper.indianexpress.com

A first ■● for India THE MAHARASHTRA

Corporation hopes to transform INS Guldar into an underwater tourist at-traction, Scuttling is usually a wartime tactic in-volving the deliberate sinking of a vessel — in case of an emergency o case of an emergency or to prevent it from falling into enemy hands.

process was delayed further due to the early arrival of monsoon in Maharashtra. "Too much wind or rough seas can topple the ship, which means it won't go down as planned. We are waiting for a lull in the means (to expect the in the monsoon (to carry out the scuttling)," the official adds.

scuttling), 'the official adds.

The ageing INS Guldar, a
Kumbhir-class landing ship designed for amphibious warfare
and capable of beach landings,
was once part of India's peacekeeping mission in Sri Lanka,
combating attacks from the
Liberation Tigers of Tamil Belam
(LITE), the Tamil separatis group,
across the beaches of Jaffina and

Trincomalee in the island nation.
The plan to acquire a ship for scuttling took off in December 2023, when the MTDC hosted Prime Minister Narendra Modi, Defence Minister Rajnath Singh, then Maharashtra Chief Minister Eknath Shinde and then Deputy CM Devendra Fadnavis CM Devendra Fadnavis in Sindhudurg on the occasion of Navy Day. Chief of Naval Staff Admiral Dinesh Kumar Tripathi, who was then the Flag Officer Commanding-in-Chief, Western Naval Command, was also in at-

The MTDC is learnt to have asked Admiral Tripathi for a CONTINUED ON PAGE 2

India hits back: 'Unreasonable'

taking in their own national inter taking intheir own national inter-est," said the statement, in a refer-ence to Europe and China also buying energy from Russiabut not facing any consequences, "We re-iterate that these actions are un-fair, unjustified and unreasonable. India will take all actions neces-sary to protect its national inter-ests," the MEA statement said. On Monday, too, soon after US President Donald Trump warned that he would raise the tariff on India" substantially" for buying

that ne would raise the tariff on India "substantially" for buying Russian oil, the MEA had said the targeting of India was "unjustified and unreasonable", adding that the country would take "all nec-essary measures" to safeguard its "national interests and economic country."

security".
Pointing out "the double standards", India had said that both the US and the EU were continuthe US and the EU were continuing their trade relations with Russia. "Where the US is concerned, it continues to import from Russia unanium hexafluoride for its roudear industry, palladium for its EV industry, fertilisers as well as chemicals," the MEA had said in a statement.

"It is revealing that the very na-

"It is revealing that the very na-tions criticising India are themselves indulging in trade with Russia. Unlike our case, such trade is not even a vital national com pulsion (for them)," it had said

pusson(tortnem), it had said.
According to estimates, since
the beginning of the RussiaUkraine war, Moscow earned
Euro 923 billion in revenue from
fossil fuel exports. The EU countries are estimated to have accounted for over Euro 212 billion

of these exports. Such strong statements are Such strong statements are rare between India and US. The situation presents the biggest diplomatic challenge for New Delhio nits ties with Washington since the 1998 nuclear tests when the US had imposed sanctions against India. Sources said that while the

government is keeping its door open for negotiations, it is also looking at a range of options, in

looking at a range of options, in-cluding subsidies to keep Indian products competitive in the inter-national market. Sources pointed out that India has about three weeks to negoti-ate with the American interlocu-tors, during which high-level con-versations are expected to take place. The Indian mission in Washington De will be reaching out to the US establishment to dis-cuss the situation and see how cuss the situation and see how they can overcome the crisis, sources said.

FROM PAGE ONE FULL REPORTS ON WWW.INDIANEXPRESS.COM

Trump doubles India tariff to 50%, opens 21-day window

China are at lower tariffs.
However, exporters said that the
US tariff-related uncertainty is al-ready disrupting trade. About half of India's total exports of \$80 bil-lion are, however, in the exemp-tion list that include products such as pharma and electronics goods.
While the fresh order takes the total US tariffs to its highest on any country globally, it also offers a fresh window for discussion. Last affects in the product such as a fresh window for discussion and the product of the product such as a fresh window for discussion. Last a fresh window for discussion as a fresh window for discussion as a fresh window for discussion.

Saturday. The Indian Express re ported that key economic min-istries had been asked for inputs to sweeten the trade deal stuck on tosweeten the trade deal stuck on India's resistance to US demand for access to the Indian agriculture market. "This 25 per cent ad val-orem duty will be effective for goods entered for consumption, or withdrawn from warehouse for consumption, on or after 12:01 a m eastern daylight time 21 days after the date of the order. There are exceptions for goods that were are exceptions for goods that we had a consider the loaded onto a vessel and in transit before this effective date and are entered for consumption or withdrawn from warehouse for consumption before 12:01 a.m. eastern daylight time on September 17, 2025," the order stated

Hours before the announce ment of additional tariff, Trump while responding to a question

while responding to a question from news agency AM on US import of Russian chemicals and ferilisers, said: "I don't know anything about it. I'd have to check, but we'll get back to you on that." On Wednesday, The Indian Express reported that US imports from Russia had been rising, growing 23 per cent year-on-year to \$2.1 billion between January and May this year. The surge was led by a sharp increase in the im-Join FREE Telegram Channel https

port of palladium (37%), uranium (28%) and fertilisers (21%). While Delhi has called the tar-

while Delin has called the tar-geting of India over the purchase of Russian oil "unjustified and un-reasonable" and vowed to take "all necessary measures" to safeguard its "national interests and eco-nomic security", Indian exporters are in a fix, scrambling to retain access to the US, their most valuable export market, accounting for nearly 20 per cent of India's total outbound shipments.

'Cannot absorb high US tariffs'

US tariffs'
Reacting to higher than expected US tariffs, Indian exporters said they are not in a position to absorb such high tariffs, Federation of Indian Export Organisations (FIEO) president, S CRalhan, said: "This (US) moveis a severe setback for Indian exports, with nearly 55 per cent of curs chimpens to the IS market ports, with nearly 55 per cent of our shipments to the US market directly affected. The 50 per cent reciprocal tariff effectively imposes a cost burden, placing our exporters at 30-35 per cent competitive disadvantage compared to peers from countries with lesser reciprocal tariff; he said. Rallan said many export orders have already been put on bold as hument reasons countries.

ders have already been put on hold as buyers reassess sourcing decisions in light of higher landed costs. For a large number of MSME-led sectors, absorbing this sudden cost escalation is simply not viable and margins are already thin, and this additional blow could force exporters to lose long-standing clients, he said. CIII Chairman Ralessu. Mehra

said, "The US tariff announcement of August 6 is a huge setback for India's textile and apparel ex-//t.me/+jUYKq0AFHBAwMGQ1 porters as it has further compli-cated the challenging situation we were already grappling with and

were aireaug grapping with and willsignificantly weaken our abil-ity to compete effectively vis-a-vis many other countries for a larger share of the US market." Mehra appealed to the gov-ernment to urgently take steps to come to the aid of India's textile and apparel sector during these hugely testing times given the government's strong commitment to increase the competitive-ness of local industry and help our companies become major players on the world stage.

China largest importer of Russian oil

Incidentally, China is the largest buyer of Russian oil, at about 2 million barrels per day followed by India (just under 2 million barrels a day) and Turkey. The US had agreed to lower tariffs

The US had agreed to lower tariffs on Chinese goods to 30 per cent from 145 per cent in May.

The executive order does not make any mention of China, but stipulates a mechanism wherein the US Secretary of Commerce, in coordination with other senior officials, "will monitor if any other country (beyond India) is directly or indirectly importing Russian or indirectly importing Russia Federation oil and recommend

Federation oil and recommend further action". New Delhi-based think tank Global Trade Research Initiative (GTRI) said that in 2024 alone, China bought \$62.6 billion of Russian oil – more than India's

Russian oil – more than india's \$52.7 billion. Washington avoids targeting Beijing because of China's lever-age over critical materials such as gallium, germanium, rare earths and graphite, vital for US defence

and technology, GTRI said. "The US has also overlooked its allies' trade with Russia: the EU imported \$39.1 billion of Russian imported \$39.1 billion of Russian goods last year, including \$25.2 billion in oil, while the US itself purchased \$3.3 billion in strategic materials from Russia. The tariffs are expected to make Indian goods far costlier in the US, with potential to cut US-bound export: by 40-50 per cent.

Hit to India-US ties

Hit to India-US ties
Indianofficials have indicated
that the US is unwilling to negotiate sectoral tariffs—such as those
on steel and automobiles—which
have already impacted nearly 55
billion worth of Indian exports.
Evan A Feigenbaum, vice president for Studies at the Carnegie
Endowment for International

Peace, said Monday that US-India relations may now become a po-litical football, especially in Delhi. litical football, especially in Delhi. He warned that the core under-standings that enabled closer ties may be at serious risk, as Delhi had largely assumed Washington would take political risks to strengthen the relationship – something Trump has not done and clearly will not do. Feigenbaum said the split in palations is further undersconed

relations is further underscored by Trump's effusive praise for by Trump's effusive praise for Islamabad and recent engage-ment with Pakistan's army and government - devolopments that raise obvious concerns in Delhi. "The United States was roiled by India's ties to Iran, Myanmar and later Russia. Trump and his administration are now moving to sanction and tariffindia over its of testod with Pure's This circuit.

oil trade with Russia. This significantly shifts the bar for bilateral relations," he said.

'Reduced Russia oil purchase won't impact inflation'

form of excise duties and other tariffs. So, we don't see any major impact as of now because of this on inflation because I think the government will take an appro-

government will take an appropriate decision on the fiscal side in case there is any shock," he said. Delh in acalled the targeting of India over the purchase of Russian oil "unjustified and unreadants and the semiports began as its traditional supplies were diverted to Europe, with the US having "actively encouraged such imports by India for strengthening global energy markets stability."

strengthening global energy mar-letes stability.

At the time of Russia's invasion of Ukraine in February 2022, the former's share in India's oil imports was under 2 per cent, with Delhi relying heavily on the likes of Iraq and Saudi Arabia. Since then, Indian refiners have lapped up discounted Russian oil that was shunned by developed nation resulting in its share in India's oil imports jumping to 35-40 per

cent Monetary Policy Report, pub-lished in April, if crude oil prices are 10 per cent higher than the Join FREE Whatsapp Channel http

RBI's baseline assumption of \$70 per barrel for FY26, domestic in-flation may be 30 basis points (bps) higher than the central bank's forecast. On Wednesday, the RBI cut is

On Wednesday, the Raicutus full-year headline retail inflation forecast by 60 bps to 3.1 per cent. Commenting on the impact of the current global trade uncertainties on inflation, Deputy Governor Poonam Gupta told reporters that nearly half of the country's inflation basket con-sisted of food, whose price does not get impacted directly by global

not get impacted directly by global developments.

"A significant part consists of non-tradables, which again does not get impacted by global developments. So, to that extent, a first-order direct impact of these evolving uncertainties on India's inflation is likely to be very, very limited," Gupta said.

On the growth front, Malhotra said the RBI retained its forecast for the current fiscalat 6.5 per cent

for the current fiscal at 6.5 per cent as there was not "sufficient data" to make any revisions. According to him, some of the global uncertainty was already factored in by the central bank

when it cut the GDP growth fore-cast in April to 6.5 per cent from 6.7 per cent. "However, there is still a lot of uncertainty," he said. According to Sakshi Gupta,

According to Sakshi Gupta, principal economist at HDFC Bank, GDP growth is seen inching down to 6.3 per cent this year from 6.5 per cent in FY25. "However, in the case where tar-iffs remain elevated at current lev-els and/or are further raised we see a downside risk of 20-25 bys to our GDP growth forecast for the

year," she said. Asked if the RBI, in addition to Askedifthe RBI, in addition to cutting interest rates, was pre-pared to support Indian business amid the curnert uncertainglobal trade scenario, Malhotra said the central bank had taken a number of measures to support growth, including on the regulatory and foreign exchange management norms front to make it easier for companies to do business and take part in international trade

"We will continue to do what "We will continue to do what-ever is required to be done in such a scenario. Of course, trade nego-tiations are still continuing. We are hopeful that we will have an am-icable solution," he said. VRb6RGJOKH6oBd0F

In Maharashtra port, ship waits to be sunk

decommissioned ship as a "token of gift" to the state tourism depart-ment so that it could be turned

ment so that it could be turned into an "underwater museum and artificial reel" at Sindhudurg.

On November 26, 2024, the Union Finance Ministry green-lit the project, followed by a nod from the Maharashtra government on December 19, 2024, on February 21, 2025, the Navy handed over INS Guldar to the MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price indebrais," but in MITOCON price indebrais, "but in MITOCON price in MITOCON p

handed over INS Guldar to the MTDC on an "as i where is" basis at Karwari n Karnataka. Built at Poland's Gdynia Shiyard, INSGuldar was commissioned into the Indian Navy nearly four decades ago, in 1985. It was first based in Visakhapatnam, where it was used for amphibious warfare, transferring troops and equipment and for disaster relief operations. In 1995, it joined the Andaman and Nicobar command, where it served until its decomwhere it served until its decom

where it served until its decom-missioning on January 12, 2024, according to a statement by the Navy.

The underwater museum-cum-artificial reef project is esti-mated to cost 88 78 crore. The Centre will bear nearly 60% of the total cost and the state govern-ment the rest, said an MTDC offi-cial.

.. According to the Detailed According to the Detailed Project Report (DPR) accessed by The Indian Express, the Sindhudurg Express, the Sindhudurg Express, the Acceptage over Six diving sessions in a neight-hour operational period. The MTDC expects at least 71,000 tourists to visit the site in the first year, with the figure projected to go up to 1.10 ladh within

museum-cum-artificial reed project, an official said every ship has a scuttling plan that the captain follows to deliberately sink the ship – usually "in case of an emergency or to prevent it from falling into enemy hands".

be opened to flood the engine room. The front section will also be flooded simultaneously in a controlled manner," the official says, adding that the process will take up to 10 hours. According to the DPR, the ship, which has been stripped of all pol-lutants that may harm marine life, will be sunk to a depth of nearly 30 metros. Once submerged, INS Guldar

The DPR states that non-certi-

a decade. Talking about the underwa

The process of scuttling, he

said, follows the Archimedes prin-ciple, which states that the buoycipie, which states that the buoy-ant force keeping an object afloat is equal to the weight of the water the object displaces. Simply put, for a ship to sink, it must be filled with water to achieve negative buoyancy.

ioyancy. "To achieve that, the ship's sea chest (a compartment built into the hull below the waterline) will be opened to flood the engine

which has a flat bottom, will sim-ply sit on the seabed, around 3 hy sit of the seabed, around 5 km from existing scuba diving sites near Malvan and Tarkali beaches or around 15 km off the coast of Sindhudurg, near the Vengurla Rocks in the Arabian

fied divers who have completed pool training will be allowed to dive down to a depth of 12 metres; certified divers up to 18 metres, which will give them access to the middle pairs of the ship; and advanced divers to the deepest part of the ship; including the hull and the seabed.

For non-divers, the MTDC plans to acquire a 24-seater sub-narine, offering tourists a 20-minute panoramic underwater view of the shipwreck.

To enhance employment prospects in Sindhudurg, the MTDC plans to train locals in scuba diving, boat handling and ast ourist guides. certified divers up to 18 metres

action at the state of the stat

in 2023.
While the scuba diving plan is expected to take off as soon as the ship is scuttled, experts say it could take a year or more for a reef to "fully establish and function as essential habitat".

Alex Fogg, Natural Resources Chief of Florida's Okaloosa County

criter of Florida's Okaloosa County in the United States, says that while fish appear "almost imme-diately", the formation of an arti-ficial perfector. ficial reef is dependent on a num-ber of factors – from the size of the vessel to the depth at which it is sunk, and its proximity to another

reef.
"Larger, more complex vessels inshallower waters tend to establish more quickly," Fogg explains.
"That's not to say smaller or deeperreefs aren't beneficial, they are just a different community."

Okaloosa County deployed its first artificial reef off Destin-Fort Walton Beach in 1976. Today, it hosts over 500 artificial reefs cre ated from concrete structures, old bridge materials, military equip-ment, and decommissioned ves-

sels.
Marine biologist Vardhan
Patankar too says that while the
sunken ship could still make for a
good scuba diving site since "it will
attract fish and a variety of associ-

attract fish and a variety of associated invertebrates", whether it will be a viable reef with diverse composition is debatable. He says, "An artificial reef is created when free-flowing larvae from a parent reef find another hard substratum (a layer of something, like rock or soil, below another layer). When that happens, they settle and thrive:"

Patankar explains, "Larvae can stay alive for a day and usually settle where their parents are. So, they are not going to come all the way from Angria Bank (a natural reef over 100 km away from Sindhudurg) to this site. They will most likely come from Sindhudurg, where the species composition is low."

SCO meet

after the meeting in Kazan. after the meeting in Kazan.
The two countries have since sought to repairties, resuming the Mansarovar Yatra, visas for Chinese tourists and looking at revival of direct flights. But these efforts tooka hit in May when India came across evidence of active Chinese assistance to the Pakistan military during the hostilities that followed

Operation Sindoor. Incidentally, Modi's last visit to China in 2018 was also visit to China in 2018 was also for a Summit of the SCO leaders in Qingdao in June that year. Xi travelled to India in October 2019, months before the Chinese incursions in m Ladakh.

eastern Ladakn. The government, sources said, will be taking a final call on Modi's visit and an an-

on Modi's visit and an an-nouncement will be made once the plans are finalised. In the months after the meeting in Kazan, National Security Advisor Ajit Doval, Defence Minister Rajnath Singh and Foreign Secretary Vikram Misri travelled to ına. External Affairs Minister S

External Adaits Winnister's Jaishankar also travelled to China last month for a meet-ing of the SCO Foreign Ministers in Tianjin. While the disengagement process has been completed in eastern Ladakh, Indian and

Chinese troops, some 50,000-60,000 on each side, remain deployed along the LAC in the region. Delhi and Beijing are discussing the roadmap to de-escalation and de-induc-tion of military forces.

Agri a stumbling block in talks, but India-US trade in sector sees surge

50 per cent on Wednesday, the 50 per cent on Wednesday, the impact remains to be seen, but the trends so far suggest two-way farm trade at least surpassing previous highs.

If the current growth rates hold, India's agricultural exports to the US could top \$7.7 billion, and that of the US to India could be over \$3.5 billion in 2025.

The US's exports to India have

en led by tree nuts -- mainly albeenied by tree nuts — mainly al-monds and pistachios — which were valued at \$1.1 billion-plus in 2024, and registering further 42.8% annual growth during the first six months of this year. The other three big-ticket items are ethanol, soyabean oil and cotton

Ethanol exports from the US

Ethanol exports from the US to India, worth over \$420 million last year, are basically for manufacturing alcohol-based chemicals, medicines and other industrial uses. The US wants India to open up imports of ethanol also for fuel use, i.e. blending with petrol and disesel. India has been resisting that, just as much as it is not allowing imports of genetically modified (GM) maize and soyabean.

yabean. US farmers mostly grow only US farmers mostly grow only GM maize (corn) and soyabean. Indiacurrently permits imports of non-fuel ethanol and oil, produced from GM corn and soyabean respectively, but not the whole grain and oiliseed as such. Although the trade negotiations between the two sides are stuck due to India not yiekling on GM crops, US exports of both corn-derived ethanol and soyabean oil to India have posted

abean oil to India have posted strong growth. The huge jump in soyabean oil exports from the US

| INDIA AGRICULTURE EXPORTS TO U.S. | | | | | | | | |
|-----------------------------------|---------|---------|---------|--------------|--------------|----------|--|--|
| | 2022 | 2023 | 2024 | Jan-Jun 2024 | Jan-Jun 2025 | % Growth | | |
| Seafood | 3016.5 | 2545.1 | 2483.8 | 1062.5 | 1407.9 | 32.5 | | |
| Spices | 333.9 | 359.3 | 410.2 | 194.7 | 206.9 | 6.3 | | |
| Rice | 301 | 347.4 | 391.2 | 176.8 | 199.6 | 12.9 | | |
| Processed F&V | 206.5 | 202.5 | 227.6 | 102.8 | 134.6 | 30.9 | | |
| Baked Goods* | 190.3 | 219.4 | 247.5 | 115.4 | 123.5 | 7.1 | | |
| Essential Oils | 228.9 | 180 | 212.1 | 109 | 114.2 | 4.8 | | |
| Sugars** | 218.5 | 174.6 | 171 | 84.6 | 119 | 40.8 | | |
| Vegetable Oils | 208.2 | 151.3 | 174.8 | 76.4 | 77.9 | 2 | | |
| Food Preparations | 81.1 | 105.2 | 137.9 | 62.5 | 58.7 | -6 | | |
| TOTAL | 6,658.8 | 5,811.5 | 6,211.9 | 2,798.9 | 3,472.7 | 24.1 | | |

n millions of dollars "Includes Cereals & Pasta; "Includes Sweeteners & Beverage Bases. S Department of Agriculture

U.S. AGRICULTURE EXPORTS TO INDIA 182.7 245.9 420.9 213.7 15.1 0.2 37.5 212.4 1,42,997.6 207.6 0.1 491.2 223.7 209 86.9 181.5 108.8 2,348.5 2,040.7 2,378.8 1,135.8 1,693.2 Exports in millions of dollars Source: US Dep

this year is likely to be sustained by India's move, on May 31, to slash its import duty from 27.5% to 16.5%. Cotton exports from the US have also been growing on the back of India turning into a net im-porter of the natural fibre. frozen shrimp) has been the top item, there are others as well — from spices and essential oils to basmati rice, processed fruits & vegetables and baked foods — that have been doing well, with annual shipment value exceeding \$200 million each India's agricultural exports to

It's not clear how much of all these exports would be affected, Join FREE Telegram Channel https://t.me/+Bu7senHpQdhlODg1

specially with the new Trump

especially with the new fram-tariff.

Take seafood, where India's exports of \$2,483.8 million in 2024 was just behind Canada (\$3,956.9 million) and Chile (\$3,030.1 million), and ahead of Indonesia (\$1,907.9 million) Vietnam (\$1,790.4 million) and Ecuador (\$1,616.4 million). As of now, the 50% tariff on India is above that of all these competi

above that of all these competi-tors: Chile (10%), Ecuadov (15%), Indonesia (19%), Vietnam (20%), and Canada (35%). While seafood exports from India have remained buoyant, growing by 32.5% year-on-year in January-June, sustaining that may not be easy as the tariff differen-tials bite. But the fact that agricul-ture trade per se between India and the US is booming should be some consolation in the present some consolation in the present situation where talks are at a

Assam to launch portal for indigenous people to seek arms licences

EXPRESS NEWS SERVICE
GUWAHATI, AUGUST 6

TWO MONTHS after the Assam
Cabinet approved a scheme to issue arms licences to 'indigenous see arms licences to destinate the student applicant has to be an 'indiginal inhabitant or indigenous citizen of Assam, 'they must' 'pseide a genuine threat to life and safety due to the vulnerability of the area of residence,' and that the government will soon roll out an online port all where eligible people can apply for the licences. When the Cabinet decision was announced in/May, Samahad named districts where Bengalionigian Muslims instore would be usubject to periodic review and "monitoring and reporting."

This portal is likely to be rounded out this month and this comes at a time when vigilantes, particularly those of a group called Bir Laichi Sena, have been is using ultimatums to Bengaliantes, and the monitoring and reporting."

This portal is likely to be rounded out this month and this comes at a time when vigilantes, particularly those of a group called Bir Laichi Sena, have been is using ultimatums to Bengaliantes, and the monitoring and reporting. The particularly those of a group called Bir Laichi Sena, have been is under the powerment is in the process for olling out a dedicated portal where 'indigenous people, who have the provided t

THE INDIAN EXPRESS, THURSDAY, AUGUST 7, 2025 IN PARLIAMENT MONSOON SESSION

Carriage of Goods by Sea Bill clears House

EXPRESS NEWS SERVICE
NEW DELHI. AUGUST 6

RAJYA SABHA on Wednesday passed the Carriage of Goods by Sea Act, simplifies maritime law with international conventions and seeks to modemise provisions government has passed.

The Bill, which will replace the 100-year-old Indian Carriage of Goods by Sea Act, simplifies maritime law with international conventions and seeks to modemise provisions governing the transport of goods by sea.

**Notice of the March of the government in the provisions governing the transport of goods by sea.

**Notice of the government has a said. Lok Sabha passed it in March. Opposition parties have said, however, that the Bill gives too much power to the Centre and have called for more protections for shippers, said the repeal of the provision spaties of the said under the March opposition parties have said, however, that the Bill gives too much power to the Centre and have called for more protections for shippers, said the repeal of the protection of the afternoon proceedings beginning soon after the Bill was passed.

The Bill, which will replace the 100-year-old Indian Carriage of Goods by Sea Act, simplifies marking the said protection of the afternoon proceedings beginning soon after the Bill was passed.

The Bill, which will replace the 100-year-old Indian Carriage of Goods by Sea Act, simplifies may be a supposed to the said of the said o

THE INDIAN EXPRESS. THURSDAY, AUGUST 7, 2025

GOVT & POLITICS

CCS not just new buildings, direction of country will be set from here: PM

Modi inaugurates Kartavya Bhavan 3, first of the 10 new Common Central Secretariat buildings

EXPRESS NEWS SERVICE

UNDERLINING THE administra-UNDERLINING THE administra-tive reforms undertaken by his government over the past 11 years, Prime Minister Narendra Modi on Wednesday said the new central secretariat building he inaugurated was not merely a building, but would be the site of deliberations for making India a developed country. a developed country.
"These are not only some

"These are not only some new buildings and ordinary in-frastructure. In Amrit Kaal, the policies of Viksit Bharat will be made here, important decisions for Viksit Bharat will be taken. In the coming decades, the direction for the country will be set from here," he said.

Operation of the country will be set from here, "he said.

Over the past 11 years, he said around 1,500 obsolete laws and 40,000 compliances had been done away with. He said with the use of Jan Dhan, Aadhaar and mobile, delivery of government schemes had become transpar-ent and free of leakages. He said Join FREE Whatsapp Channel htt



The illuminated Kartavya Bhavan 3 on Kartavya Path on Wednesday night, PT.

saving ₹4.3 lakh crore. Earlier in the day, the PM inaugurated Kartavya Bhavan 3, the first of the 10 Common central Section 2 (CS) buildings proposed by the govern-(whatsapp.com/channe)(0099/an2/Wab6KG)(OKH66-800)

oin RREE Tdegram Charnel https://tmc/+JUTKcpfAH-HIRAwMCQI 10 crore fraudulent names had been removed from the list of beneficiantes of various schemes, saving 44.3 lakh crore. a grant of irs Central Vista redevelopment plan. The build-ing, located on Janpath, will house offices of the Ministries of the Ministries will Minister Manohar Lal, MPs, bu-Home Affairs, External Affairs,

reaucrats and government em-ployees in attendance. At Kartavya Path, he said it was time

that affects one lakh people is de-layed on their desk, it means that

one lakh human days are wasted. He said important ministries He said important ministries of the Union government, in-cluding Home Affairs, were working out of buildings con-structed by the British colonial government. "Workers here did not have adequate space, light or ventilation," he said. He said those working at the new com-plex would a good working en-vironment. He said Union govvironment. He said Union gov-emment ministries operate out of 50 different locations across Delhi, with some working from rented spaces that cost the gov-ernment ₹1,500 crore a year in rent. The PM also said 8,000 to 10,000 employees have to go from one building to another every day leading to higher exevery day, leading to higher ex-penditure and traffic congestion

"The grand Kartavya Bhavan and other major infrastructure projects are not only a testament to India's pace but also a reflec-tion of its global vision," he said.

Don't know anything about it, says Trump on US imports from Russia

DIVYAA NEW DELHI, AUGUST 6

DAYS AFTER India called out the United States and European Union for continuing trade with



India "very substantially over the next 24 hours" for buying Russian oil. Earlier this week, he said that India was not only buying "massive amounts of Russian oil" but also selling it "on the open market for big profits". He also accused India of "fuelling

Union for continuing trade with Russia — countering Washington's criticism of New Delhi's energy ties with Moscow President Donald Trump has said that he doesn't "know anything" about the US imports of Russian uranium, fertilisers and hemicals.

Responding to a question from ANI on US imports of Russian chemicals and fertilisers and themicals and fertilisers. Tumps aid at a press conference at the White House on Tuesday night: "I don't know anything about tit. I'd have to check, but we'll get back to you

Pointing out "the double standards", India had said that both the US and the EU are con-tinuing their trade relations with Russia. "Where the US is concerned, it continues to import from Russia uranium hexafluo-

Thadou, Meitei civil groups hold meeting to discuss peace

EXPRESS NEWS SERVICE
IN A significant development towards restoring peace, a 16-member delegation of the Thadou community and Meitei civil society organisations held a closed-door meeting in a hotelin imphal Wednesday as former CM N Birens Singh asserted that there is a need for a popular government, and it should come. This comes a day after the Rajya Sabha claered a resolution extending the President's Rulein Manipur United Singh Service (Singh Service) and Meitei civil societies (POCS). Arambai Tengol and Students' bodies took part in the meet. This was the second such meeting between Thadou and Meletie representatives; the first one was held earlier this comes a day after the Rajya Sabha claered a resolution extending the President's Rulein Manipur fron anothers ixm months. Last week, it was passed in the Lok Sabha.

The Thadou Inpi Manipur (TIM) delegation arrived at Bir Tiklendrajit International Airpora towards) and mad was received by members of the Coordinating Committee on Manipur Iron and was received by members of the Coordinating Committee on Manipur Iron and was received by members of the Coordinating Countil the All Manipur John Committee on Manipur Iron Manipur (COCOMI) and the Manipur Police. TIM described the meeting as a "Roadmap to Peace: Covenant of Coexistence on Community Understanding'. This

HC puts Punjab land pooling policy on hold, to hear case today

MANRAJ GREWAL SHARMA CHANDIGARH, AUGUST 6

IN AN interim order on Wednesday, the Punjab and Haryana of the Right to Fair Compensation and Transparency in Land Acquisi-government to clarify whether Social and Environmental Impact Assessments (StA and EIA), and the Land Pooling Policy, 2025. The court, acting on a plea by Gurdee p Singh Gill who questioned the policy's legality and its effect on landowners in Ludhiana's Phagla village, put it on hold till the next date on hear-

ing on August 7.
The interim order by Division
Bench of Justice Anupinder Grewal and Justice Deepak Manchanda stemmed from concerns
over compliance with provisions
of the Right to Fair Compensation
and Transparency in 1 and Acquisi-

for time to inform this court as to whether the Social Impact Assessment was carried out be-fore notifying the policy and to respond to the arguments of the coursel for the petitioner as no-ticed in the order of this Court dated 30.07.2025. He shall also inform this court if the Provino-

Steady amid turbulence



RBI's decision to not cut rates indicates that growth trajectory is largely insulated from tariff pressures

RAJANI SINHA

THE RBI'S MONETARY Policy Committee (MPC), in line with our expectations, left the policy rate unchanged and maintained the stance at neutral. The central bank highstance at neutral. The central bank high-lighted that the sharp decline in inflation is primarily due to volatile food prices, specif-ically vegetable prices. Moreover, it cau-tioned that with the low base of this year, CPI inflation is projected to rise above 4 per cent and beyond in 2026, implying that there is limited room for further rate cuts in this cycle. The central bank was broadly optimistic about growth and kept the GDP growth projection unchanged at 6.5 per cent for FV26, while acknowledging the un-certain external demand scenario. certain external demand scenario. CPI inflation fell sharply to around 2 per

certain external demand scenario.
CPlinflation fell sharply to around 2 per
cent in June 2025 and is estimated to remain benign at around 2.5 per cent in the
next two quarters. With the sharper-thanexpected fall in inflation, the RBI has lowered the CPI projection for FY26 to 3.1 per
cent. Vegetable inflation that was very high
in 2024, averaging 27 per cent, has recorded
sharp deflation, averaging -15 per cent in
the last three months. The vegetable price
sub-index that contributes around 6 per
cent to the overall CPI index has been particularly volatile in the past year. If we exclude vegetable prices, CPI inflation was in
the range of 3-4 per cent for the entire FY25
and remains in the same range in Q1 FY26.
Apart from vegetables, many other components of the food basket are also seeing
low inflation or deflation, supported by a
good monsoon and a high base from last
year. The point to note is that a large part of
the fall in inflation is because of the statistical base effect. However, next year, we will

the fall in inflation is because of the statistical base effect. However, next year, we will see inflation rising again as the base effect reverses. We expect CPI inflation to breach the 4 per cent level in Q4 Fy26 and average more than 4.5 per cent in FY27 – this is broadly in line with the RBI's projections. Join FREE Whatsapp Ch

RBI remains optimistic, has maintained the GDP growth projection for FY26 at 6.5 per cent. Factors like recent interest rate cuts, strong agricultural activity boosting rural demand, benign inflationary conditions, favourable monsoon and lower income tax burden are supportive of growth. While the recently announced higher reciprocal tariff by the US has raised some growth concerns, it is to be noted that India is a domestic demanddriven economy, and merchandise exports to the US contribute only around 2 per cent to our GDP.

As far as growth is concerned. RRI rer poptimistic and has maintained the GDP growth projection for FY26 at 6.5 per cent (broadly in line withour projection of 6.4 per cent). Factors like recent interest rate cuts, cent), ractors me recent meters trace va-strong agricultural activity boosting rural de-mand, benign inflationary conditions, flaouvable monsoon and lower income tax burden are supportive of growth this year. While the recently amounced higher recip-rocal tariff by the LIS has raised some growth concerns, it should be noted that India's ado-mestic demand-driven economy, and mer-mestic demand-driven economy, and merchandise exports to the US contribute only around 2 per cent to our GDP. We feel the adaround 2 per cent to our GDP. We teet the ad-verse impact of tariffs through the export channel could be limited. It's also important to consider that there is still a lack of clarity on US trade policy, and hence it's difficult to assess the overall impact on GDP growth. It is equit possible that India manages to nego-tiate a trade deal with the US, leading to lower ratiff harries.

iff barriers. On the domestic front, there are some concerns around consumption and invest-ment recovery not being broad-based. While a healthy monsoon has supported ru-ral demand, subdued income growth in ur-ban areas is concerning. This becomes specifically critical amidst weak hining in the IT sector. Our study shows that aggregate headcount at the top five domestir. If Irms plateaued in FY25 after a 4 per cent contrac-tion in FY24. Growth in employee cost for IT firms in our sample (670) lited non-finan-cial companies) slumped to just 5 per cent in FY25 from an average growth of 14 per cent between FY19 and FY24. We feel that the subdued household income growth is also ns around consumption and invest subdued household income growth is also

getting reflected in weaker consumption growth, specifically in urban areas. On the investment front, the Centre's push to capex has continued with a growth of 52 per cent recorded in Q1 FY26.

However, private players remain cautious in the midst of economic uncertainties. Even in the midst of these headwinds, India is likely to manage a healthy growth in FY26. India's external sector will continue to face uncertainties given the risk posed by the US's reciprocal tariff. The benefit that India had vis-a'vis some of the other Asian peers has been reversed, with India now facing a higher tariff. We expect India's merchandise exports to contract in FY26. However, services exports will remain healthy, albeit with some moderation in growth. Overall, we expect India's urent account deficit to be manageable at 0.9 per cent of GDP in FY26. However, capital flows could remain volatile in the midst of aggraform of the could remain volatile in the midst of aggraform. cent of LDP in FY26. However, capital flows could remain volatile in the midst of aggra-vated global uncertainties. With forex re-serves at a comfortable level of \$689 billion covering 11 months of merchandise im-ports, we can say that India's external sec-tor is broadly insulated, though we need to remain cautious.

What should we expect going forward? RBI had already cut the policy rate by 100 bps since February 2025 and taken measbps since February 2025 and taken measures to ensure ample liquidity in the system to facilitate rate transmission. Hence, the central bank would now like to wait and watch to see the impact of further transmission. Moreover, with average CPi inflation expected to be around 45 per cent or even more in 2026, we are already talking about a very low real interest rate of around 1 per cent. With growth momentum likely to be maintained at around 6.5 per cent, there is no need for further rate cuts. Only if the growth traisectory exes see cuts. Only if the growth trajectory gets se verely dented by the aggravation of trade risks can we expect a further rate cut by the central bank in this cycle.

The writer is chief economist, Care Edge Ratings

A CONSIDERED PAUSE

RBI keeps interest rates unchanged. Policy action depends on whether growth or inflation deviate from its assessment

NITS AUGUST meeting, the RBI's monetary policy committee voted unanimously to keep the benchmark policy reporate unchanged—it stands at 5.5 per central policy reporate unchanged and stands at 5.5 per central policy reporate unchanged are stands at 5.5Alongside, the members also voted to continue with the neutral stance. The decision, which came after the MPC had frontloaded the rate cuts in its previous meet ing — in June it had reduced the rate by 50 basis points — was expected, given the prevail-ing global and domestic environment. As RBI Governor Sanjay Malhotra said, "the current macroeconomic conditions, outlook and uncertainties call for continuation of the policy".

The central bank's forecasts accompanying the August policy indicate that inflationary

pressures in the economy are expected to remain muted. The RBI has, in fact, lowered its in-flation forecast for the year to 3.1 per cent, from 3.7 per cent earlier. In recent months, food price pressures have eased considerably, and a good monsoon season and trends in sharif sowing indicate that the outlook is benign. Core inflation, which excludes food and fuel, has, however, inched upwards to 4.4 per cent in June. But the price pressures are not broad based. Inflation was muted in several non-food categories such as clothing and footwear, household goods and services. But the central bank's forecasts have pegged inflation to rise to 44 per cent in the fourth quarter of 2025-26 and further to 49 per cent in the first quarter of 2025-27, as "unfavourable base effects, and demand side factors from policy actions

ter of 2026-27, As "untavourable base effects, and demand side factors from policy actions come into play," With some projecting inflation at around 4.5 per cent in 2026, which translates to a real interest rate of around 1 per cent, it reduces the space for further rate cuts. On the issue of growth, it is surprising that the central bank has retained its projections. It continues to forecast that the economy will grow 4.6.5 per cent his year, in line with its expectations in April and June, even as the global environment has changed considerably Expectations for right and junc; event as it is global environment in ass straiged to disease and single since then. US President Donald Trump's trade and tariff policies have already led to some analysts lowering their estimates of growth. The RBI acknowledges these concerns, Governor Malhotra pointed to the uncertainty of "external demand", and the headwinds from "geopolitical tensions" and "volatility in global financial markets". Considering that the uncertainty over tariffs continues, and that the transmission of the interest rate cuts so far is still work over tains common, and that the drashinstonion the interests are cruss of an issum work-ing through the system, further policy action will possibly depend on whether growth and/or inflation deviate significantly from the central bank's current assessment. Join FREE Telegram Channel https://t.me/+jUYKq0AFHBAwMGQ1

THE IDEAS PAGE

Nuclear dialogue, sans politics

Given emerging dual-capability arsenals, heightened risk post Op Sindoor, Subcontinent needs a conversation on atomic weapons' use



mentary debate on Operation Sindoor were PM Narendra Modi's several references to Pakistan's "nuclear threats" and "nuclear blackmail". They reflected a deliberate articulation of India's more assertive security doctrine, representing a calculated move to redefine the deterrence equation in South

redefine the deterrence equation in South
Asia That India pie prepared to act against ter-orism regardless of Pakistars "nuclear bluff" is ostensibly intended to enhance India's deterrent credibility.
The three-way China-India-Pakistan nu-clear relationship has created a complex web of interlocking deterrence. All three countries are modernising and expanding their nuclear arsenals and delivery systems. Given the lack of transparency regarding nu-clear arsenals and doctrines, and a marked reluctance to engage in a dialogue on meas-ures to mitigate nuclear risk, the ongoing arms race can further destabilise the region. August 6, the 80th anniversary of the born-ing of Hiroshim, was a reminder of the hor-rors of a nuclear holocaust. We need to fo-cus on the management of this complex cus on the management of this complex dynamic and on the prevention of accidental or intentional escalation.

China, while officially maintaining prin-China, while officially maintaining prin-ciples of both 'redible minimum deter-rence" and 'no first use" (NrU), is engaged in rapid expansion of its nuclear arsenal — predicted to reach 1,000 warheads by 2030. At the same time, the PLA's Rocket Force (PLARF) is fielding increasingly sophisticated missile systems, such as the 12,000-15,000 lm range DF-41 and the hypersonic DF-17. PLARFs inventory consists of both conven-tionally area and underst indeed viscile-

PIARP's inventory consists of both conven-tionally armed and nuclear-tipped missiles, raising a question about China's posture. Is this 'dual-capability' a deliberate strategic choice or merely an 'organisational detail'. Pakistan's nuclear arsenal is aimed ex-clusively at India, and apart from reserving the right to "first use", it has refrained from declaring an Official nuclear doctrine. Pakistan's transition from "minimum cred-ible deterrence" (rsD), which envisages the deploy-ment of low-vield or tactical nuclear ment of low-yield or tactical nuclea weapons, has been rationalised as a measur to counter the Indian army's "Cold Start"

weapons, has been rationalised as a measure to counter the Indian army's "Cold Start" doctrine. The latter, it may be recalled, was a conceptual remedy for India's slow general mobilisation during the 2001-2002 Operation Parakaram However, it is only now that this concept of integrated battle groups is seeing daylight in the form of recently announced "Rudra" brigades. India's political leadership has stood by its two long-held beliefs: (a) that the sole purpose of nuclear weapons its oldeter anu-clear attack, by holding out a threat of "massive retaliation" and (b) nuclear weapons were political instruments rather than military warfighting tools. As a status quo power, India's declarations of NFU and its intention of maintaining a' redelble minimum deterrent" made eminent sense. But much has changed since this doctrine was promulgated in 2003. Moreover, emerging technologies have added to the complexity of existing nuclear conundrums.

The "dual-use" notemial of technologies. isting nuclear conundrums

The "dual-use" potential of technologies such as AI, advanced computing, and hyper-Join FREE Telegram Channel https://t.me/+iUYKg0AFHBAwMGO1

n atomic weapons' use sonic delivery systems could blur the traditional distinction between conventional and nuclear. For example, a precise surface-to-surface missile could carny either a conventional or a nuclear warhead, making it difficult to ascertain the nature of an incoming attack and decide an appropriate response. The development of smaller, 'dial a yield' nuclear warheads permits calibration of a single warhead to be detonated with a range of explosive effects, varying from sub-kiloton to hundreds of kilotons. The availability of such options could make their use more thinkable in a conventional conflict scenario, potentially lowering the nuclear threshold.

Since 1998, the Subcontinent has seen a

Since 1998, the Subcontinent has seen a Since 1998, the Subcontinent has seen a few sporadic attempts at evolving confidence-building measures and nuclear risk reduction measures (NRRMs), including the 1999 Lahore MoU on measures to prevent excidental or unauthorised use of nuclear weapons, the 2005 Agreement on Prescription of the 1990 Lahore MoU on Missale Tests, and the 2007 Agreement to Reduce Nuclear Risks. But these are not enough, and a sustained dialogue is essential.

these are not enough, and a sustained dialogue is essential.

In the context of NRRMs, serious note needs to be taken of media reports citing open-source intelligence that during open-source intelligence that during open-source intelligence that during operations findoor, some of the Indian missiles that targeted Mushaf air base in Pakistan's Sagropdha region and the Nur Khan air base near Rawalpindi had impacted in the close vicinity of either nuclear command and control nodes. While the IAFS DG Air Operations firmly denied the targeting of any of Pakistan's nuclear command and control nodes. While the IAFS DG Air Operations firmly denied the targeting of any of Pakistan's nuclear remains a demonstration of capability rather than an attempt to destroy the underground facilities.

The planners and custodians of nuclear weapons must note that targeting an adversary's nuclear assets, even inadvertently, with conventional weapons, can be misinterpreted as a "counter-force" strategy, which is fraught with the risk of rapid escalation to nuclear war. The hazards and doctrinal confusion that would airse from such an action bear consideration.

First, a conventional strike against a nuclear facility would be indistinguishable from a nuclear first strike. Given the extremely short timelines for decision-making in a nuclear risk; the visu them or lose them "syndrome any cut in, leading the targeted party to launch its nuclear arsenal before it is destroyed. Desperate options like "launch on warning" or "launch under attack" may be considered.

Second, while it may not trigger a nuclear detonation, a conventional attack or "near-miss" on a nuclear storage facility could cause a massive release of radioactive material, simulating a "dirty bomb", with devastating humanitarian and environmental consequences. gue is essential. In the context of NRRMs, serious note

of the ability to assess the situation accu-rately, communicate with his forces or issue rational orders.

These are amongst some of the mani-These are amongst some or use mean-fold reasons why there is an urgent need for initiation of a sustained nuclear dia-logue between India and Pakistan, insu-lated from the vagaries of politics. Such an interaction, by reducing mutual suspicion and enhancing transparency, might slow down the nuclear arms race and the mindless build-up of arsenals

The writer is a former Indian Navy chief

Citizens and others

Targeting of Bengali-speaking migrants is part of a cynical, pessimistic politics

PAROMITA CHAKRABARTI

IN RECENT MONTHS, a disturbing pattern has emerged across several states: The conflation of language, religion, and citizenship into a mechanism of exclusion. In the aftermath of the Pahalgam terror attack in May, the Union Home Ministry had directed states to identify and deport illegal migrants, especially those from Bangladesh and Myanmar Across states such as grants, especially those from Bangladesh and Myanmar. Across states such as Haryana, Odisha, Maharashtra, Gujarat, Chhattisgarh and Delhi, the security imperative has often disquietingly bypassed due process and led to the targeting of vulnerable communities—often Bengali-speaking Muslims who are Indian citizens. In Gurgaon, blue-collar workers were rounded up and detained, many allegedly despite valid identity documents. In Delhi's jai Hind Cann essential services were rut off for Garnn essential services were rut off for Garnnessential services were rut off for Garnnessential services were rett of Garnnessential services were rett of Camp, essential services were cut off to fa califiate evictions. In Odisha, over 400 Bengali migrants were detained on suspi-cion of being illegal Bangladeshis.

cion of being illegal Bangladeshis.
While the national security imperative
is beyond dispute, the response to immigra-tion needs to be grounded in justice, trans-parency, and compassion. Yet, from the for-mer AAP-led Delhi government's campaign to identify "illegal Bangladeshi" students in schools to Assam Chief Minister Himanta schools to Assam Chief Minister Himanta Biswa Sarma's routine targeting of "out-siders" and inflammatory references to land, flood and love "jihad", to Amit Malviya, head of BJP's IT cell, claiming "Bengali denotes ethnicity, not linguistic uniformity" on so-cial media to defend Delhi Police's reference to Bengali as the "language of Bangladeshis" in a recent letter, the narrative around im-migration has been deeply polarising. The repeated vilification of Bengali-speakers un-dermines the Constitution's promise of equality, dignity, and due process. More con-cerning still, it reflects a rising impulse to-ward majoritarian governance. This weaponisation of identity is not en-tirely new. In the early 1990s, when the Sangh Parizar had first raised the nich against un-

tirely new.In the early 1990s, when the Sangh Parivar had first raised the pitch against un-documented Bangladeshis in India, the then Congress-led Union Home Ministry had re-sponded with Operation Pushbads in the cap-ital, a campaign to round up and deport al-leged Bangladeshi migrants. The attempt was haphazard and short-lived, but not before many were forcibly sent across the border by-passing due process. Assam's own history of exclusion is steeped in pact against a wighter The article.

steeped in post-colonial anxieties. The anti-Bengali sentiment in the state has roots in Bengali sentiment in the state has roots in the mass migrations following Partition and the formation of Bangladesh in 1971. The Bongal Kheda movement of the 1960s solidified in the Assam Agitation (1979–1985) and the subsequent Assam Accord sought to protect indigenous identity – but it came often at the expense of long-settled Bengalispeaking communities. The 2019 National Register of Citizens (NRC) exercise stoked old fears. Over 19 lakin people were excluded from the final list, a majority of them Bengali-speaking, and Muslim. The process — opaque, inconsistent, and marred by bureaucratic hurdles — devolved into a Kafkaesque ordeal marked by detention

Join FREE Whatsapp Channel https://whatsapp centres, exclusion from welfare schemes, and a constant threat of statelessness. Under Sama, the state government's recent move to invoke the Immigrants (Expulsion from Assam) Act, 1950 — allowing district collectors to deport individuals labelled as "foreigners" without the oversight of Foreigners Tribunals — raises pressing concerns about the erosion of institutional safeguards and the risk of communal profiling that could wrongfully implicate lawful residents alongside the undocumented. West Bengal Chief Minister Mamata Banerjee has described the current spate of detentions as targetted assault against Bengali speakers. Referring to the Election Commission's plan to implement the Special Intensive Revision nationwide, she

Special Intensive Revision nationwide, she has accused the BJP-led Centre of attempting to introduce the NRC "through the back door". She has launched a Bhasha Andolan (language movement) in protest. With critical Assembly elections due in both Bengal and Assam next year, the thickening of identity politics can turn into a flashpoint. In 2021, the TMCs campaign slogan – Bangla miger meyeke chay (Bengal Wants its own daughter) — channeled regional pride in response to the BJP's aggressive Hindutva push. Now, amid corruption scandals and a spate of incidents of sexual voience, the migrant issue has given TMC a new platform. It has reoriented its campaign to focus on the rights of Bengali-speaking migrants — an estimated 2.5. Iakh Bengalis work outside West Bengal. door". She has launched a Bhasha Andolan

com/channel/0029Van2VRb6RGJOKH6oBd0F And yet, Banerjee herself has played into this narrative earlier. In anuary, she accused the BSF at Bengal's border with Bangladesh of letting in Bangladeshis ille-gally to pin the blame of infiltration on the state government. This rhetoric of 'infiltra-tors' and' outsiders' may reap electoral dividends in the short term, but in the long run, it foments division, distrust and a breakdown of order. In Pune last week, for instance, a mob, several of them allegedly belonging to the Bajrang Dal, barged into the home of a Kargil War veteran's relative, and demanded identity proofs, calling the family Bangladeshis. Migration is a natural phenomenon in a country as diverse and dynamic as India. Article 19 of the Constitution guarantees all citizens the right to move and reside freely within the country. For many, migration is not a choice but a compulsion, driven by economic hardship, displacement, or his-torical patterns of mobility. To reduce indi-viduals to narrow markers of language, faith, or ethnicity is to chip away at the plu-ralistic foundations of Indian democracy. The warning bells are loud and clear: If identity continues to be weaponised, India risks further shrinking its civic space into something narrow, brittle, and unjust.

identity continues to be weaponised, india-risks further shrinking its civic space into something narrow, brittle, and unjust. When a system focuses on binaries — citi-zen vs infiltrator, us vs them — it erodes the nuanced, layered understanding of what it means to be Indian.

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Uttarkashi flash flood site is in eco-sensitive zone, experts flagged violations over past year

DHARALLIN Littarkashi district of Uttarakhand, the ground zero of the flash flood and debris avalanche Tuesday, is located in the fragile Bhagirathi eco-sensitive tragile Bhagiratin eco-sensitive zone (ESZ), and experts believe that unregulated activities, like construction on river floodplains, could have contributed to making the disaster more severe. Over 60 people are reported to be missing in the flash floods in Uttarkashi as the rescue onera tions entered the second day Wednesday.

Wednesday. The Bhagirathi Eco-Sensitive Zone is a 4,157 sq km expanse between Gangorti and Uttarkashi town, and it was notified in 2012 to protect the Ganga river's ecology and watershed near its origin. The Bhagirathi river is one of the main headstreams of the Ganga. It joins with the Alabanath arise in Depurator to Ganga. It joins with the Alaknanda river in Devprayag to

form the Ganga river. The ESZ tag provides the regionwith a safety net against un-regulated development. However, the region has been in the spotlight due to the construc-tion of the Centre's flagship Char Dham all-weather highway proj-ect, which faced legal challenges due to ecological threats, and was cleared by the Supreme Court. Members of the BSEZ moni-



ITBP personnel during rescue operations after the flash floods in Dharali, a village in Uttarkashi district of Uttarakhand, on Wednesday. AP

Indian Express.

Mallika Bhanot, a member of

the Bhagirathi ESZ monitoring tne Bragiratti Esz monitoring committee from Ganga Ahvaan, a non-profit organisation, said, "This is a natural event tumed into a dis-aster which is due to man-made reasons. Unregulated construc-tion along the sides of small trib-utaries and rivers leads to devastation downstream. If BESZ Notification is implemented effectively, then con struction along flood plains will be regulated and disasters can be prevented in case

independent members of the ESZ monitoring committee flagged the construction of a he liagged the construction of a ne-lipad in Jhala village of Uttarkashi. They had also flagged 'illegal structures' in Maneri, Jamak, near Uttarkashi town, along the banks of Ganga, which are "multi-storey" hotel build-ings. These structures violate the ings. These structures violate the ESZ norms and compromise the safety of the region, they said. There have also been issues with the stretch of the Char Dham

project passing through this area.

One of the key sticking points on Char Dham was the stand of the Border Roads Organisation that is executing the project that the road widening on the Gangotri stretch did not require a separate

did not require a separate Environmental Impact Asses-sment (EIA). The monitoring com-nittee members had cautioned that, in light of the Silkyara tunnel episode in 2023, disregarding pre-cautionary aspects and laws in place was "totally unacceptable". The Ministry of Road Transport and Highways and Border Roads Organisation has taken up widening of the

Dharasu-Gangotri stretch, and Dharali falls on this route. Over the past year, several cit-izen groups in Uttarkashi have op-posed the proposed construction of a bypass between Hina and Tekhlaon NH-34 which is located south of Dharali. People even wrote to a Supreme Court-appointed committee, opposing the plan to fell 6,000 Deodar trees for the hunses

plantoriengoloud diesoio the bypass. Ravi Chopra, who headed an SC-appointed high-powered panel which appraised the Char Dham projectin-depth, said, "On the stretch from Dharasu to Gangotri, the headquarters of Bhatwari block is located. The slope here has been sliding away over a period of time... We had said

over aperiodor inner. Were has and the road widelning was not rec-ommended and advised (the au-thorities) not to touch it."
"The route to Harsil is narrow and composed of igneous rock, making it extremely dangerous. Rather than widen it, we sug-gested that the rock be shaped in gested that the rock DE SIMPE... the form of a half-tunnel. We imposed a lot of strict conditions on the widening – we recommended not to widen it at all – and if insisted, it should be under strict conditions," Chopra said.

Cause not clear

The Dharali disaster is sus-The Dharaii disaster is sus-pected to have been triggered by heavy rain in an area which is al-ready prone to unstable slopes s landslides

In fact, as per a bulletin of the

JCO AMONG 9 ARMY PERSONNEL MISSING

New Delhi: At least nine Army personnel, including one JCO, are still missing following a are still missing following a massive cloudburst in Dharali. The Army has been conducting rescue and relief operations for the second consecutive day and has in-tensified efforts, it said Wednesday. ENS

Himalayan Ganga Division, three different spots – Dharali, an area near Sukhi top (between Harshil and Gangnani), and the area near and Gangnani), and the area near Harshil Army camp witnessed Harshil Army camp witnessed rain-triggered floods and debris flow. The IMD data, though, shows that neither Uttarkash nor the surrounding districts re-ceived anomalous extreme rain, with maximum rainfall of 43 mm recorded at Sankri Tuesday. Explaining the process behind debris and mud slides, Dipali lindal senior consultant land-

Jindal, senior consultant, land slides, NDMA, said, "From the videos, it looks like a mudslide, a videos, it toloss like a mucisile, a type of landslide which involves rapid flow of mud, debris. The cause of the failure is not clear as of now. But it could have been trig-gered by a cloudburst-type event in areas above the disaster spot, in the catchment of the Kheer Ganga river... will be confirmed only after an investigation." She added, "Prolonged rainfall may have caused saturation of the topsoil."

SC quashes Madras HC order banning use of Stalin name for scheme

THE SUPREME Court Wedne-sday set aside the Madras High Court order that stopped Tamil Nadu's DMK government from naming a scheme after Chief Minister MK Stalin. ment that governments of other political parties too have named schemes after their political leaders. The state referred to

Stating that the petition was Stating that the petition was "insconceived in law" and amounted to "abuse of the process of law", the bench of Chief Justice of India B R Gavai and Justices K Vinod Chandran and NV Anjaira cautioned, "Time and again, we have observed that political battles should be settled before the electoral roll and courts should not be used

The top court also made clear The top court also made clear its displeasure with the petitioner, AIADMK leader and MPC Ve Shanmugam, for approaching it within three days of making a representation to the Election Commission of India in this regard.

The bench imposed a cost of 2010 lable on the petitioner and

₹10 lakh on the petitioner and asked him to pay it to the Tamil Nadu government, directing that

Nadugovernment, directing that the amount be spent for the welfare of the underprivileged. The petitioner had sought a banon the state's use of the chief minister's name in public outreach programmes such as Ungaludan Stalin (With You, Stalin), which he claimed violated judicial guidelines and the Election Commission's code. The court rook into account

The court took into account sions by the state govern-

leaders. The state referred to schemes named after Amma' in this regard. Former Tamil Nadu chief minister Jayalalithaa was popularly referred to as &Amma. A division bench of the high court had on August 1 restrained the state government from naming or rebranding any public scheme after living individuals. The court also barred the use of portrains of ideological floruses or contrains of ideological floruses or con portraits of ideological figures or former chief ministers, and any

former chief ministers, and any insignia or emblem of the ruling Dravida Munnetra Kazhagam (DMK) in governmentadvertisements promoting such schemes. The Supreme Court bench said, "The naming of schemes in the name of political leaders is a phenomenon which is followed across the country. When such schemes are floated in the name of all leaders of political parties, we do not appreciate the anxiety

of all leaders of political parties, we do not appreciate the anxiety of the petitioner to choose only one political party and one political leader."
"If the petitioner was so concerned about the misuse of political funds, the petitioner could have made a challenge to all such schemes. However, singling out only one political leader shows the intentions of the netitioner." the intentions of the petitioner.

Organ transplants up, donations after death below mark

irce: NOTTO

ANONNA DUTT NEW DELHI, AUGUST 6

ORGAN TRANSPLANTS in creased in 2024 in India, but the share of deceased donor transplants – transplant of organs to another person after the donor's death – continued to be abysmally low, according to latest data from the National Organ and Tissue Transplant Organisation (NOTTO).

There were around 18,911 organ transplants across hospitals last year, around 3% increase from 18,378 in 2023. Of these, organs donated by living relatives sed in 2024 in India, but the

gans donated by living relatives of the patients accounted for a

| ORGAN | | 2024 | 2023 |
|---------------------|-------|-------|--------|
| Total transplants | 18911 | 18378 | |
| Living donor transp | 15505 | 15435 | |
| Deceased donor tra | 3403 | 2935 | |
| DECEASED DONA | TIONS | | |
| Kidney | 13467 | | 13,426 |
| Liver | 4901 | 4901 | |
| Heart | 253 | | 221 |
| Lung | 228 | 228 | |
| Pancreas | 44 | 44 | |
| Small bowel | 9 | 9 | |

majority 15,505 transplants, but, compared with the previous year, the increase was just 0.45%. The spike in total transplants, the NOTTO data showed, was

largely due to deceased donor transplants, which saw a 16% in-crease from 2,935 in 2023 to 3,403 in 2024.

3,403 in 2024.
Despite the increase, however, deceased donor transplants are – just around 18% of the total transplants. This highlights a critical gap in availability of organs in a country with around 1,73 lakh traffic deaths every year, most of them of eligible donors. Although there is no official data in India there are an esti-

data, in India, there are an estimated 1.5-2 lakh people in need Join FREE Telegram Channel https

of kidneys, around 80,000 need liver transplant, around 10,000 patients need hearts. The NOTTO data showed that last year, there were only 13,467 kidneys transplants from deceased donors

plants from deceased donors, 4,901 liver transplants, and 253 heart transplants (see chart). By population, the number of deceased donations is 0.77 per million people in India, below Thailand (6.21), China (4.5), Sri Lanka (3.38), and Japan (1.18), For comparison, Spain has 48 de-ceased donations per million population. In terms of living donor transplants, though, India ranks at top, data says.

ranks at top, data says.
FULL REPORT ON
www.indianexpress.com
//t.me/+jUYKq0AFHBAwMGQ1

EXPLAINED SCIENCE

HOW SCIENTISTS FINALLY IDENTIFIED THE ELUSIVE KILLER OF STARFISH

TWELVE YEARS after a mysterious dis-

TWELVE YEARS after a mysterious dis-seas started killing starfish in droves — more than 5 billion are estimated to have ided since 2013 — scientists have identi-fied a bacterium to be the culprit. The starfish, or sea stars, of various species died due to a wasting disease, in which their limbs fell off and their bodies melted away to leave just a pile of gunk. The epidemic was found along the Pacific coast of North America. coast of North America.

coast of North America.
A study, published in the journal *Nature* on August 5, revealed that the starfish were falling victim to *Vibrio pectenticida*, which is related to the bacterium that causes cholera in humans.

How did scientists find the bacterium

How did scientists find the bacterium responsible?

It was a long process. While studies earlier focused on a virus type called the densovirus, it was later found to occur maturally in some starfish. Also, some studies were examining the tissue samples of the dead starfish, when the bacterium was in fact present in the coelonic limit, the equivalent of starfish blood.

The breakthrough came at the Hakai Institute in British Columbia, Canada, where scientists raised suniflowers as stars in the labs, and then exposed them to the infected starfish in various ways, such as bringing them physically in contact with diseased body parts in rijecting mixtures from such parts. It was fund that injections passed on the infection but not when from such parts. It was found that injec-tions passed on the infection, but not when their contents had been treated with heat. In effect, boiling was killing the cause of the disease, pointing to a bacterium. The scientists then examined the coelomic fluid – a fluid that fills the body cavity and surrounds the internal organs



Sunflower starfish off the coast of California, US. Wikimedia Commons

— of both healthy and infected starfish. Dr Alyssa Gehmanopens, co-author of the study, was quoted by the UK's National History Museum as saying. "When we compared the coelomic fluid of exposed and healthy sea stars, there was basically one thing different: Vibrio. We all had chills. We thought, 'That's it. We have it. That's what causes wasting'."

Why is this significant?
Understanding the cause of a disease is the first step to treating it. Scientists will move sei if satrish in the sea can be given probiotics to fight off the bacteria, and if Wibrio-resistant staffish can be grown in labs and introduced into the wild, among

other measures.
Protecting the population of starfish is crucial for the marine ecosystem as they help maintain a stable food chain. When billions of starfish died, the population of sea urchins, which they feed on, exploded. These sea urchins started eating away whole forests of kelp, a seaweed other marine animals thrive on and which helps sequester carbon.

EXPLAINED ECONOMICS

Rise of the herbicides

The growth in India's pesticide market is being led by not insecticides or fungicides, but herbicides. In recent years, the demand for this chemical has increased due to a shortage of labour for manual weeding



HARISH DAMODARAN

CROP PROTECTION chemicals, commonly lonown as "pesticides", are classified based on the pest they target. Insecticides target insecticides target insecticides that cause damage by feeding on crops or transmitting disease, fungicides control fungal diseases, and herbicides kill or inhibit the growth of weeds.

Indial's organised domestic crop protection chemicals morthly 82-042 for the protection controlled to the prote

India's organised domestic crop protection chemicals market is valued at roughly RS-24500 crore with insecticides at Rs 10,700 crore, being the largest segment followed by herbicides (Rs 8,200 crore) and fungicides (Rs 5,500 crore). That said, it is also the market for herbicides that, at 10% per annum, is growing at the highest rate. Here's why.

The herbicide market

Ine nerbicide market
Much of India's herbicide market is controlled by multinationals: German Bayer AG
(which has an estimated 15% market share).
Chinese state-owned Syngenta (12%) and
ADMA (108), American Corteva Agriscience
(7%) and Japanese Sumitomo Chemical (6%).
Major Indian Jayes include Dhamukal Agrineth
(6%) and Crystal Crop Protection Ltd (CCPL 4%).
CCPL recently purchased the rights to
Ethoxysulfuron, a herbicide used against
broad-leaved weeds and sedges in rice and
sugarcane, from Bayer AG for sales in India,
Pakistan, Bangladesh and Southeast Asian
ountries: The deal, announcedin January, covered Bayer's Sumirce' trademark for mixture
products containing this active ingredient.
Earlier, in December 2023, CCPL had acquired Gramoxome, a broad-spectrum herbicide containing the active ingredient
Paraqual, from Syngenta for sale in India.
"We are very bullish on herbicides While
the all-India market for this segment grew
by 10% in 2024-25 (from Rs 7,460 crore to Rs
Join FREE Whatsapp Channel https://whatsapp Much of India's herbicide market is con-



INDIA'S CROP PROTECTION CHEMICALS MARKET

| | Market Size | Annual Growth |
|--------------|-------------|---------------|
| Insecticides | ₹10,706 cr | 5.3%-5.5% |
| Fungicides | ₹5,571 cr | 5.5%-6% |
| Herbicides | ₹8,209 cr | 10%-11% |

Source: Industry estimates for 2024-25. Growth is for last five years. Join FREE Telegram Channel https://t.me/+jUYKq0AFHBAwMGQ1

Join FREE Telegram Channel https://t.me/+JU 8,209 crore), our own sales rose over 47%," said Ankur Aggarwal, managing director of the Delhi-based company that recorded a turnover of 8x 2,201 crore from crop protec-tion chemicals last fiscal.

Growth driver: labour shortage

Growth driver: labour shortage
Weeds, unlike insect pests and diseasecausing pathogens, do not directly damage or
destroy crops. Instead, they compete with
them for nutrients, water and sunlight, Yield
losses happen because the crops are deprived
of these essential resources. Besides growing at
their expense, weeds sometimes even harbour
pests and pathogens inflicting further harm.
By keeping their fields free from weeds,
fammers can ensure that the benefits of the fertilisers and irrigation water go to crops and
not these unwanted plants.
Weed control has traditionally been
manual: either by hand or or simple tools
with flat blades such as *klury*. There are also
power weeders that can be run between
rows of standing crops to remove weeds in
and around those spaces.

But manual weeding is time-consuming with a labourer taking 8-10 hours to cover a single acre. And since the weeds regrow, the process has to often be repeated during the crop's lifecycle.

crops lifecycle.

According to the Labour Bureau's data, the all-India daily wage rate for plant protection workers averaged Rs 4476 in December 2024, as against Rs 3262 five years ago. Cost aside, this labour is not available when the farmer needs it. While power-weederstake 2-3 hours per acre. these are not effective against weeds with deep roots or growing within densely planted crop areas.

That's where herbicides come in: the demand for these chemicals is growing mainly on the back of rising agricultural labour scarcity.

How market is evolving
Farmers generally spray insecticides and fungicides only when they physically observe and assess the pest population or disease incidence to be significant enough to impact crop yield and quality.

There's a certain economic threshold level,

where the cost of controlling the pest/disease using chemicals is justified by the extent of anticipated crop loss. In herbicides, too, farm-ers tend to mostly spray only after the weeds appear, that is, "post-emergence". In recent times, however, farmers have also

"In recent times, however, farmers have also been resorting to prophylactic application of "pre-emergent" herbicides around or just after crop sowing. These stop the weeds from coming out, helping keep the field clean from the very start. Alternatively, they may use "early post-emergent" herbicides to control weeds at the crop's initial sensitive growth stage. In both cases, the spraying is preventive, as opposed to being reactive.

And it is this segment that is leading growth, as farmers increasingly opt for timely and smart weed control amid rising labour shortages. Currently, out of the estimated Rs 1500-crore paddy herbicide market, the "pre-

1,500-crore paddy herbicide market, the "pre-emergent" sub-segment accounts for roughly Rs 550 crore. That share is about a fifth in the Rs 1,000-crore market for wheat herbicides.

Monopoly concerns

Unlike seeds and fertilisers, where there are enough Indian public as well as private sec-tor players, the crop protection chemicals in-dustry is practically a multinational monopoly.

But some Indian companies, neverthe-less, are attempting to break through, by ac-

less, are attempting to break through, by ac-quiring the rights to active ingredients and brands from big global majors or introduc-ing innovative formulations. CCPL, for instance, has collaborated with the Ohio (US)-based Battelle and Japan's Mitsui AgriScience to develop a new paddy herbicide called 'Sikosa'. Containing two ac-tive ingredients, Bensulfuron-methyl and Pretilachlor, in a patented oil-dispersion for-mulation 'Sikosa' convade within water and mulation, 'Sikosa' spreads quickly in water and works well when sprayed within 0-3 days af-

wors well when sprayed within 0-3 cays al-ter transplanting.

"The product cost is Rs 850-900 per acre, compared to Rs 2,000-plus with manual weeding." Aggarwal claimed.
That said India is still some distance away from having its own Sinochem, which owns both Syngenta and ADAMA.

LONGER VERSION ON

BIGGEST BLAZE IN ALMOST EIGHT DECADES

FRANCE FIGHTS BIGGEST SUMMER WILDFIRE

FRENCH FIREFIGHTERS were battling on Wednesday to control the country's biggest wildfire in almost 80 years, with the blaze in the southern Aude region having already swept through an area bigger than Paris. One person died in the village of Saint-Laurent-de-la-Cabrerisse, about 30 kilometers from the city of Perpignan, the prefecture said.

AF

WILL WORK TOWARDS ENDING WAR IN UKRAINE: U.S. PRESIDENT

Trump says 'great progress' made in envoy Witkoff's meeting with Putin

ANDREA SHALAL & DOINA CHIACU WASHINGTON, AUGUST 6

US PRESIDENT Donald Trump on Wednesday said his special en-voy Steve Witkoff had made "great progress" in his meeting with Russian President Vladimir Putin, as Washington continued its preparations to impose sec-ondary sanctions on Friday.

unuary sanctions on Friday.
Trump, in a post on Truth
Social, said he had briefed some
European allies about Witkoff's
meeting with Putin, which was
focused on ending the 3-1/2year war that began with
Russia's full-scale invasion of
Ilkraine in Esbrusay 2022

Russia's full-scale invasion of Ukraine in February 2022. "Everyone agrees this War must come to a close, and we will work towards that in the days and weeks to come." Trump added, without providing fur-ther details. A White House official said earlier that the meeting had gone well, and Moscow was ea-ger to continue engaging with the United States. The official said secondary

e United States. The official said secondary The official said secondary sanctions that Trump has threat-ened against countries doing business with Russia were still expected to be implemented on Friday, No details were provided. Witkoff met Putin for around three hours on a last-minute mission to seek a breakthrough is the way. Trump has threat-

in the war. Trump has threat-ened sanctions on Moscow and secondary sanctions on countries that buy its oil if no moves tion in Congress. REUTERS
Join FREE Whatsapp Channel https://whatsapp.com/channel/0029Van2VRb6RGJOKH6oBd0F



Russian President Vladimir Putin with US envoy Steve Witkoff in Moscow, Wednesday. Reuters

Join FREE Telegram Channel https://t.me/+jUYKq0AFHBAwMGQ1
are made to end the war in
Ukraine.
Trump took a key step in that
direction on Wednesday when
he imposed an additional 25%
tariff on imports from India, citing New Delhi's continued imports of Russian oil. No similar
order was signed for China

ports of Russian oil. No similar order was signed for China, which also imports Russian oil. The new measure raises tariffs on some Indian goods to a higha s50% – among the steepest faced by any U.S. trading partner. U.S. Treasury Secretary Scott Bessent Last week warned Chinese officials that purchases of sanctioned Russian oil would lead to big tariffs due to legisla

No signs of Russia scaling back

Vladimir Putin has given no hint that he might be ready to make conces-sions. Instead, senior Kremlin officials have Kremlin officials have talked up the country's military strength. The Kremlin has also been in-sisting that international sanctions imposed since its February 2022 inva-sion have had a limited impact. Russia had also threatened Tuesday that it would use nuclearca. it would use nuclear-capable intermediate range missiles in the war.

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SENSEX: 80,543.99 ▼ 166.26 (0.21%) NIFTY: 24,574.20 ▼ 75.35 (0.31%) NIKKEI: 40,794.86 ▲ 245.32 HANG SENG: 24,9

INFLATION PROJECTION FOR CURRENT FISCAL REVISED DOWNWARD TO 3.1% FROM 3.7%

Reserve Bank holds reporate at 5.5%, retains FY26 GDP growth at 6.5%

IN LINE with expectations, the Reserve Bank of India's (RBI) Monetary Policy Committee (MPC) on Wednesdayleft therepo rate – the key policy rate – un-changed at 55 per cent. Despite growing uncertainties related to US tariffs and geopolit-ical tensions, the RBI retained its

real GDP growth projection for FY26 at 6.5 per cent, with Governor Sanjay Malhotra assert-Governor Sanjay Mainotra assert-ing that the economy was per-forming "very well" and would "continue to further improve" when asked to respond to UP President Donald Trump calling the Indian economy "dead". Meanwhile, the central bank

sharply lowered its Consume Price Index (CPI) inflation forecast for the current fiscal by 60 basis tor the current itsea by 60 dasis points (bps) to 3.1 per cent, compared to an earlier estimate of 3.7 per cent. After cutting the repo rate by 100 bps over the last three consecutive monetary policies, the six-member MPC's unanimous decision to keep the reporate unchanged offers no additional relief to borrowers ahead of the upcom-ing festive season, as they will have to continue paying higher interest



RBI Governor Sanjay Malhotra at the RBI headquarters in Mumbai on Wednesday.

Amit Chakras

Join FREE Telegram Channel http rates on their loans. However, Malhotra said the transmission of past rate cuts is "continuing". "The current macroeconomic

conditions, outlook and uncertainties call for continuation of the policy reporate of 5.5 per cent and wait for further transmission of wait for further transmission of the front-loaded rate cut to the credit markets and the broader economy. Accordingly, the MPC unanimously voted to keep the repo rate unchanged," the RBI Governor said while announcing the monetary policy. The rate-set-ting panel also decided to con-tinue with the 'neutral' policy stance. Despite the global uncer-

The RBI headquarters in Amit Chalcimourty that met #1 (1974) and the same part a flating, and was are making all efforts to create enabling conditions through a multi-pronged yet cohesive approach to policy malerate that is annual and quarrity real CDP gowth forecasts at Sper cent for FV25 and for April ne 2025, 67 per cent for July prember 2025, 66 per cent for the prediction of the properties of external development of external deve s://t.me/+jUYKq0AFHBAwMG tainties, the RBI on Wednesday re-tained both its annual and quar-terly real GDP growth forecasts at 6.5 per cent for FY26 and for April-June 2025, 6.7 per cent for July-September 2025, 6.6 per cent for October-December 2025, and 6.3 percent for July-2026. per cent for January-March 2026. In Q1 FY27, real GDP is expected

In Q1 FY27, real GDP is expected to grow 6.6 per cent.
The Governor said the above normal southwest monsoon, lower inflation, rising capacity utilisation, and congenial financial conditions continue to support domestic economic activity, with domestic growth evolving "broadly" along expected lines

even though some high-fre-quency indicators showed mixed signals in May and June. The sup-portive monetary, regulatory, and fiscal policies including robust instal policies including robust government capital expenditure should also boost demand, he added. In the medium-term also, Malhotra said the prospects of the economy are "bright" amid a changingworld order, aided by its inherent strength, robust funda-mentals, and comfortable buffers. "Opportunities are there for the

ospects of external de-"Prospects of external de-mand, however, remain uncertain amidst ongoing tariff announce-ments and trade negotiations. The headwinds emanating from pro-longed geopolitical tensions, per-sisting global uncertainties, and volatility in global financial mar-kets pose risks to the growth out-leds" the Common said look," the Governor s

FULL REPORT ON

We are doing very well: Malhotra on Trump's 'dead economy' jibe

Mumbai: Days after US President Donald Trump de-scribed the Indian economy as "dead", RBI Governor Sanjay Malhotra asserted that the do-Malhotra asserted that the do-mestic economy is performing 'verywell' with its contri-bution to global growth at 18 per cent, significantly higher than America's 11 per cent. "We have a very robust growth rate of 65 per cent. In fact, as per International Monetary Fund (IMF), it (India's growth) is 64 per cent, und 2 percent growth stafe for

and 3 per cent growth rate for the world...we are contributing about 18 per cent (to global growth), which is more than the US, where the contribution the U.S., where the contribution is expected to be much lesser, I think about 11 per cent. We are doing verywell and we will continue to further improve," Malhotra said when asked for his comment on Trump's ref-HITESHVYAS

In 25% additional tariff penalty on India, Trump's warning to other importers of Russian oil

SUKALPSHARMA

THE EXECUTIVE order issued by THE EXECUTIVE order issued by US President Donald Trumpto impose 25 per cent additional tariffs on goods from India includes a warning of sorts for other countries importing oil from Russiaherisk of attracting 25 per cent additional tariffs from the US. A specific section of the executive order—section 5—states that sentent to the control of the security or the control of the secutive order—section 5—states that sentent the control of the secutive order—section 5—states that sentent the section of the secutive order—section 5—states that sentent the section of the secutive order—section 5—states that sentent the section of the secutive order of the section o ior Trump administration officials ior Trumpadministration officials can recommend action against countries importing Russian oil "directly or indirectly", including the additional ad valoremilmport duty of 25 per cent. Apart from India, other key importers of Russian crude oil include China and Turkey.

"The Secretary of Commerce, incoordination with the Secretary of Commerce."

in coordination with the Secretary of State, the Secretary of the Treasury, and any other senior of-ficial the Secretary of Commerce ficial the Secretary of Commerce deems appropriate, shall deter-mine whether any other country is directly or indirectly importing Russian Federation oil, "Trump's executive order read. The order came shortly after US enwoy Steve Wittooff held talks with Russian President Vladimir Putin in Moscow over the Russia-Ularie war, which Trump wants to end swifth

swiftly.
"If the Secretary of Commerce finds that a country is directly or indirectly importing Russian Federation oil, the Secretary of Join FREE Whatsapp Channel htt

EXECUTIVE ORDER

"The Secretary of Commerce, in coordination with the Secretary of State, the Secretary of the Treasury, and any other senior official the Secretary of Commerce deems appropriate, shall determine whet-her any other country is shall determine whet-her any other country is directly or indirectly importing Russian Federation oil," Trump's executive order read

State, in consultation with the Secretary of the Treasury, the Secretary of Commerce, the Secretary of Homeland Security, the United States Trade Representative, the Assistant to the President for National Security Affairs, the Assistant to the President for Economic Policy, and the Assistant to the President and the Assistant to the President and Senior Counselor for Trade and Manufacturing, shall recom-mend whether and to what ex-tent I should take action as to that country, including whether I should impose an additional ad valorem rate of duty of 25 percent on imports of articles of that country," it added.

As per the executive order, the term "Russian Federation oil" is defined as crude oil or petroleum products "extracted, refined, or exported" from the Russia, "re-gardless of the nationality of the E//whatsapp.com/channel/0029Var

entity involved in the production leum products". It defines indirect imports of Russian Federation oil imports of Russian Federation oil as "purchasing Russian Federation oil through intermediaries orthird countries where the origin of the oil can reasonably be traced to Russia, as determined by the Secretary of Commerce in consul-tation with the Secretary of State and the Secretary of the Treasury'. According to the Finland.

According to the Finland-based think-tank Centre for based think-tank Centre for Researthon Energy and Clean Air (REA), China, India, and Turkey are the major importers of Russian crude oil, Other im-porters of Russian crude included the European Union and Myanmar. As for Russian petro-leum products, major importers include Turkey, China, Brazil, India, Saudi Arabia, the United Arab Emirates, Libya, Taiwan, Tunisia, Egypt, Malaysia, Ghana,

uth Korea, and Nigeria. Over the past few weeks South Korea, and Nigeria.

Over the past few weeks,
Trump—frustrated with Putin
over the continuation of the
Russia-Ukraine war—had threatened imposing secondary tariffs
or penalties on countries that have
been importing large volumes of
Russian energy. While these
threats from Trump initially were
made largely against both China
and India, the top two importers
of Russian crude oil, the past few
days saw the US President singling
out and trageting India specifically.

FULL REPORTON

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Amid tariffs and trade talks, external demand prospects uncertain: RBI Guv

SIDDHARTHUPASANI

RESERVE BANK of India (RBI) RESERVE BANK of India (RBI) Governor Sanjay Malhotra warned on Wednesday that the prospects of extemal demand re-main "uncertain" amid the ongo-ing tariff announcements and trade negotiations, although there were "opportunities... for the taking" in the medium-term as the world order changed. While announcing the

the world order changed. While announcing the Monetary Policy Committee's (MPC) decision to leave the policy reporate at 5.5 per cent — with all six members of the rate-setting panel in favour of leaving the interest rate unchanged — Malhotra said the Indian economy is "navigating a drawfurner through the committee of the commi said the indian economy is navi-gating a steady growth path with price stability" despite a "challeng-ing" external environment.

Over the medium-term also the Indian economy holds bright prospects in the changing world order drawing on its inherent Over the medium-term also, the Indian economy holds bright prospects in the changing world order drawing on its inherent strength, robust fundamentals and comfortable buffers Opportunities a for the taking ...

- SANJAY MALHOTRA GOVERNOR, RBI

unities are there for the taking, and we are making all efforts to create enabling conditions through a multi-pronged yet cohesive approach to policymaking," Malhotra said, adding that the uncertainties of tariffs "are still

Even as the RBI Governor cited headwinds from prolonged geopolitical tensions, persisting global uncertainties, and volatil-ity in global financial markets pos-ing risks to India's growth outlook, the RBI on Wednesday retained its GDP growth forecast for the current fiscal at 6.5 per cent, days after the International Monetary Fund (IMF) on July 29 raised its own forecast for India to 6.4 per cent for both 2005-26 and 2026-27 on account of easing global trade tensions. Malhotra echoed these views on Wednesday, sayingthat geopolitical uncertainties have "somewhat abated, even though global trade challenges continue to lineer".

ntinue to linger". However, US President Donald Trumpsent shockwaves aday later on July 30 by sapping a 25 per cent tariff on India — along with an additional "penalty" for its defence and energy imports from Russia—even as the two countries negotiate a bilateral trade agreement. Trump said India has "the most strenuous and obnoxious nonmonetary Trade Barriers of any Country". Since then, the US President has threatened raising the tariff for Indian goods submp sent shockwaves a day later ing the tariff on Indian goods sub-stantially higher. This culminated in the doubling of the tariff to 50 percent late Wednesday after the

icy decision. In 2024, total goods trade be

m 2024, total goods trade be-tween India and the US stood at \$129.2 billion. While the US ex-ports to India in the last calendar year rose 34 per cent from 2023 to \$41.8 billion, its imports from India increased by 4.5 per cent to \$87.4 billion, resulting in a goods trade deficit of \$45.7 billion. India primarily exports electronics gems and jewellery, pharma products, machinery, textiles, and products, machinery, textiles, and refined petroleum products to the US. According to Emkay Global Financial Services, India's exports to the US could fall by \$30 billion-\$33 billion at tariff levels of above 25 per cent. This estimate does not account for any cross-country responses. While the RBI has not changed its growth forecast due to the 25 per cent tariff, economists have warned in recent mists have warned in recent days that India's growth rate in the current fiscal could be hit by 20-40 bps and could even fall below 6 per cent. FULL REPORTON

22 SPORT WWW.INDIANEXPRESS.COM THE INDIAN EXPRESS, THURSDAY, AUGUST 7, 2025

Amendment in Sports Bill to keep BCCI out of RTI Act

PRITISH RAJ NEW DELHI, AUGUST 6

The Board of Control for Cricket in India (BCCI) will not be subject to provisions of the Right to Information (RTI) Act, after the

government amend

ments to the National

National Sports Governance Bill that has been tabled in Parliament. The union sports ministry has cited a provision of the RTI Act, according to which only bodies 'substantially financed' by

the government can be defined as a 'public authority'.

When the Bill was tabled in
Parliament on July 23, it had a

When the Bill was tabled in Parliament on July 23, it had a provision in Clause 15(2) that ensured that all sports bodies recognised by the National Sports Bill would be considered a public authority under the Right to Information Act (RTI), 2005. However, The Indian Express has learnt that the clause stating, "a recognised sports organisation shall be considered a public authority under the Right to Information Act, 2005 with respect to the exercise of its functions, duties and powers under this Act," has been omitted from the Bill via an amendment. The omitted clause would have brought every national Sports Federation (NSF) under the RTI Act, The BCCI has always resisted coming under the purview of the Act arguing that it's not dependent on government funds, unlike other sports governing bodies. The RTI Act defines a "public authority" as any institution or body created by any law made by Parliament or a State Legislature, including bodies owned, controlled, or Join FREE Telegram Channel https.

substantially financed by the government, with 'substantially financed' being the key word in

The amendment has intro-duced a new clause that states, "A recognised sports organisa-tion, receiving grants or any other financial assistance from tion, receiving grains or any other financial assistance from the Central Government under sub-section (1) or from a State Government, shall be considered as a public authority under the Right to Information Act, 2005, with respect to utilisation of such grants or any other financial assistance."

The change would mean that all NSFs will be under the RTI Act, but the only queries they are required to answer will be related only to government aid and other financial assistance, unlike the previous

aid and other financial assis-tance, unlike the previous clause that allowed questions on duties and powers of the NSF, including selection. "The amended clause will ensure that we don't violate the RTI Act. With the amendment, we have defined a public author-ity as an entity relying on gov-ernment funds and assistance. ermment funds and assistance. We have removed the grey area from the Bill that could have resulted in it getting held up or being challenged in court," as ports ministry source told this paper. However, the BCCI will come under the purview of the Bill and can be questioned if there is any kind of government assistance involved.

involved.
"The BCCI will still come under the Bill and they will have to form an Ethics Commission, an Athletes Committee and imple-Attnieres Commuttee and imple-ment the Safe Sports policy. They can also be questioned if govern-ment assistance of any kind is in-volved, like the usage of infra-structure," the source said. Another significant amend-ment in the Bill is that it has in-

cluded the Societies Registration //t.me/+jUYKq0AFHBAwMGQ1

Act of a state as one of the crite-

Act of a state as one of the criteria for recognition of an NSF.
Earlier Clause 8(2) stated, "No sports organisation shall be recognised under sub-section (1) unless such organisation is a society registered under the Societies Registration Act, 1860 or is a not-for-profit company incorporated under Section 8 of the Company in the Section 8 of the Section

corporated under Section 8 of the Companies Act, 2013 or is a trust created under the Indian Trusts Act, 1882." Now the clause will also add the Societies Registration Act of a state bringing the BCCI under the purview of the Bill as it's regis-tered under the Tamil Nadu Societies Registration Act, 1975. Sports minister Mansukh Mandaviya tabled two Bills in the monsoon session of

Sports minister Mansukh Mandaviya tabled two Bills in the monsoon session of Parliament – the National Sports Governance Bill and the National Anti-Doping (Amendment Bill). Both Bills are expected to be passed by the Lower House in the next couple of days. In 2016, the Supreme Courtappointed RM Lodha Committee, looking into cricket reforms, had recommended bringing the BCCI under the RTI Act. While considering the recommendation, the apex court had referred the specific issue to be Law Commission in July 2016.

In its 275th report in 2018, the Law Commission too had recommended bringing the BCCI under the RTI Act. The Commission had underlined BCCI smonopolistic character.

BCCI's monopolistic character, the public nature of its functions, the public nature of its functions, and the 'substantial financing' it has received from appropriate governments over the years (through tax exemptions, land grants, etc.) to hold that the cricket body can be termed a 'public authority' under the existing legal framework and brought within the purview of the RTI Act.