Editorial



Learning lessons

Flight crew all over the world need better training for rare emergencies

better training for rare emergencies

The grim footage of a Boeing 737-800 sliding across the runway at Muan airport, to end as a fireball extinguishing 179 lives, will forever be a reminder of an air crash that holds important lessons for everyone from airport authorities to aviation regulators to airling pilots. Jeju Air flight 702216, on a scheduled flight from Thailand's Suvarnabhumi airport, was on approach to Muan international airport in South Korea's southwestern corner after air traffic control cleared its landing on the single runway. There was also a caution of bird activity. The airfield's environs — an oceanic setting, with also some wetland — are known to host a variety of avian life. The airport uses non-lethal and lethal bird scare techniques during operating hours. From that point on, the aircraft transitioned from what seemed a stable approach to a phase of multiple issues, with "mayday, mayday, mayday, bird this being one such call by the crew who were in apparent distress. The go around and subsequent landing have led aviation experts to raise questions about the responses by the crew and also that of air traffic control. The truchdown, with tions about the responses by the crew and also that of air traffic control. The touchdown, with the landing gear up, had the crippled craft hur-tling on its fuselage and engines, and impacting a concrete structure at the runway end housing crucial ground-based landing aids. In focus is the 'unusual concrete wall', which the Korean authorities have said is 'found in other airports in Ko-rea', and was built according to the country's code. Whether this follows ICAO's Annex 14 (Standards - Aerodrome) will need investigation. Some accident investigators have called this the

Samadas - Aerotomine Wan feet in Nestagators. Some accident investigators have called this the key factor that trumped operaters' landing.

The accident, South Korea's worst in decades, comes amidst a political crisis. However, the new acting President, Choi Sang-mok, seems to be steering the response with a task force in place and the authorities having been instructed to review aviation operations and inspect airline fleets. The Ministry of Transport's highlighting of several issues would need a thorough probe, especially with representatives from the U.S.'s NTSB, the FAA, and the aircraft manufacturer, Boeing, on board, Boeing will again find the spotlight back on its workhorse, the 737. While the accident is the first for Jeju Air, a popular 41-jet budget airline, air safety in South Korea is generally considered to be of industry best practice. Every get arrine, air satety in south Korea is generally considered to be of industry best practice. Every accident has its lessons, and for India too, with air travel on the rise, there must be a thorough review of every aspect of rew training as well as of runway safety at its 157 operational airports.

Stay out

Any external interference in Georgia will entail great harm

he inauguration of Mikheil Kavelashvili, a former football player, as the President of Georgia, could deepen the political crisis in the Caucasian country which has seen back-to-back street protests and crackdowns. Mr. Kave-lashvili, a conservative leader and a critic of the West, was opposed by the country's opposition and his predecessor Salome Zourabichvili. Ms. Zourabichvili, who had said earlier that "there and his predecessor Salome Zourabichvili. Ms. Zourabichvili, who had said earlier that "there would be no inauguration" of Mr. Kavelashvili, announced her leaving office "voluntarily", slamming his swearing in as "a parody". She later joined opposition protests outside Parliament. The latest spell of the crisis goes back to the October legislative elections. The ruling conservice Georgian Dream parry, with a foreign policy that was sceptical of the West and a call for stronger ties with Russia and China, won. The opposition, which said the elections were fraudulent, demanded a re-election, but the Georgian Dream went ahead with government formation. Among those who denounced the legitimacy of the elections was the pro-western Ms. Zourabichvili. A sitting President's support for anti-government protests challenging the veracity of the polls was a testimony to the deep political divisions. But undeterred, the ruling party picked Mr. Kavelashvili as President under a new system of electoral

undeterred, the ruling party picked Mr. Kavelash-vili as President under a new system of electoral college, consisting of lawmakers from Parliament and other regional and local assemblies. The crisis in Georgia looks like a political tug of war between a ruling party and its opponents. But the actual situation is more complicated. Ge-orgia, a former Soviet Republic, is strategically important, sharing a border with Russia. In 2008, mouths after it was promised NATO mem. 2008, months after it was promised NATO mem-bership, Russia invaded it in the name of defend-2008, months after it was promised NATO membership, Russi invaded it in the name of defending two breakaway regions. Leaders in Tbilisi have generally been pro-western. But this trend changed with the rise of Georgian Dream, founded in 2012 by billionaire businessman Bidzina Ivanishvili. Tbilisi's rapprochement with Moscow was not received well in western capitals. When allegations of election fraud emerged, the West immediately backed the opposition. In November, amid tensions with the West, the Georgian government suspended talks to join the EU until 2028, triggering more street protests, reminiscent of the 2014 pro-western Maidan protests in Ukraine. Last week, the U.S. imposed sanctions on Mr. Ivanishvili. Georgia's rulers say the West is pushing the country into a conflict with Russia which they do not want. They also point out that the country's Constitutional Court has rejected a leasust if field by Ms. Zourabictowil, seeking the annulment of the election results. Georgia's politinulment of the election results. Georgia's politi-cians should resolve the differences among them-selves. They should be mindful of the tragedy of Ukraine and seek common ground in bringing the political crisis to an end. The best external players can do is to stay out of Georgia's politics.

2024 — the politics of singularity and beyond

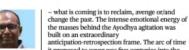
he year 2024 began with the inauguration of the Ram Temple in Ayodhya, which was a culmination, Ultar Pradesh Chief Minister Yogi Adityanath said at the event, of a long anticipation, "We have waited for 500 years," he said. As 2025 begins, we see the Rashtriya Swayamsevak Sangh (RSS) chief Mohan Bhagwat facing resistance from octarvellers of the Sangh Swayanisevak Salagi (1852) relations a special and a facing resistance from co-travellers of the Sangh Parivar for emphasising the singularity of Ayodhya for Hindutva. "The Ram temple was a matter of faith and Hindus felt that it should be built... Raising issues about some new sites out of hate and enmity is unacceptable," Mr. Bhagwat had said on December 20, 2024, responding to several claims over more religious places. Many allies of the Parivar questioned this premise soo after, and asserted that a reclamation of all after, and asserted that a reclamation of all alternated Hindu sites was non-negotiable. What we are witnessing is a conflict between the Sangl Parivar's desire to stabilise itself as the natural platform of governance and the power of the politics it created which is increasingly not in its control. It is the politics of anticipation, which ignores culmination.

ignores culmination.

Parties that and leaders who mobilise people to question the existing order through civil disobedience, and even sabotage, want order, discipline and hierarchy as soon as the set goal i achieved. The founding leaders of the Republic said, as soon as Independence was won, that there would be no place for civil disobedience any more. But then, new political ideas and new political interpreneurship come into play, and new movements take shape.

On anticipation
Looking forward is a more evocative act for the human mind than looking back, psychological experiments reported in the Journal of Experimental Psychology suggest. People relate more intensely to emotional events that are expected in the future than those that happened more intensely to emotional events that are expected in the future than those that happened in the past. Anticipation of something – it could even be a negative thing – is more engaging than retrospection about a past event. But for the human bias for anticipation in comparison with retrospection, there would be no yearning for progress, and there would be no politics or progress, and there would be no politics and religious action (for instance, Christians wait for the second coming of Jesus), and the Bharatiya Janata Party (BJP) has used this psychology to the maximum benefit. Ram Lalla Ayarge, Bharay Mandir Banayerge (roughly translated as, Infant Ram will arrive, the majestic temple will be built) was the slogan of the Ayodhya movement; the slogan that catapulted it as the dominant party in 2014 was 'Achehey Din Amey Waley Hain - Good days are arriving'. Anticipation is set against the backdrop of retrospection in political campaigns





it proposed to cover was five centuries into the past and a millennium into the future, in contrast with the five-year terms of governments. Speaking at the inauguration of the temple, Prime Minister Narendra Modi said it was the beginning of an epoch of 1,000 years.

Claim of singularity, election results

The temple inauguration was suggested as a moment of singularity of space, time and community. "The temple has been built where we had resolved to build it," Yogi Adityanath said, alluding to another slogan that had animated its supporters since the 1980s – "mandir wahin banayenge". This meant the temple would be supporters since the 1980s — "malar wunin banayenge". This meant the temple would be built at the exact spot believed to be the birthplace of Lord Rama, replacing a masjid that stood there. Ayodhya was to be to the Hindu nation what Mecca is to Muslims, and Jerusalem is to the Jews and Christians. "All roads lead to Ayodhya," said Yogi Adityanath. "All minds are united in the thought of Sri Ram." Now that its political power is consolidated, the RSS possibly wants to bring the revolution to an end, and establish order. "There is no need to look for a shivling in every mosque," Mr. Bhagwat had already said in 2022.

But this claim of singularity was challenged, during the 2024 general election by a new anticipation that swelled among the subaltern caste groups. The fear that the BJP might use any massive parliamentary majority to roll back the

massive parliamentary majority to roll back the reservation policy of the country by amending the Constitution spread like wildfire in the heartland of Hindutva, and stopped the BJP short of a majority in the Lok Sabha. The retrospective component in this context is the history of caste oppression. A temple was meant to unite all nds, but the fear of reclamation of the old social order through an end to reservation drove many subaltern voters away from the party.

Though the BJP tripped on the caste quota question in the general election, it remained largely in control of the narrative in 2024. The party's expansive anticipation-retrospection plane that spans centuries, allows it to sidestep the 'promise vs performance' paradigm that traps incumbents between two consecutive elections. All Opposition parties are caught in an extremely unfavourable anticipation-retrospection frame for instance, a plurality of voters in Uttar Pradesh and Bihar appear to be fearful of the return of the Samajwadi Party and Rashtriya Janatta Dal, respectively. Looking forward, and looking back far enough, the voters could be inclined towards the BJP than its opponents, and this is Though the BJP tripped on the caste quota uestion in the general election, it remained

particularly true for the Congress. Though the party has been out of power for 10 years in Delhi and more in States such as Gujarat, it is still bearing the burden of its earlier decades in power. Its retrospective political capital, as the party of the freedom struggle, has long been exhausted, and its call for a national caste census has created no intense anticipation among the target group. In the retrospective frame for the Congress, voters see the Emergency, the 1962 war with China, and the dynasty, but not the agricultural revolution or the communication revolution. Though 2024 was a bad year for incumbents worldwide, the BJP and Mr. Modi fared quite well. Anti-incumbency is stronger against the Opposition parties, it appears. The BJP won a third consecutive term at the Centre, but with reduced strength, and it has managed to stay in power in the two crucial States of stay in power in the two crucial States Maharashtra and Haryana, in the rece

Parties and their challenges
The capacity of the RSS/BJP to sketch out a retrospection-anticipation plane comes from a willingness to constantly introspect. The BJP recovered from the setback in Uttar Pradesh and Maharashtra in the general election and launched a new campaign of Hindu unity – "baterge to katerage, i.e., divided (along caste lines), you will be slaughtered," and "ek hein to safe hei, i.e., you are safe when you are united". It went on an overdrive to reassure the OBC/Dalit voters that reservation would never cease. Meanwhile, its opponents lulled themselves in triumphalism and complacency after the general election and failed to interpret the results correctly in order to build on them. The party that won the 2024 elections went back to its constituents in panie mode; and went back to its constituents in panic mode; and the ones that lost went into a prolonged season of self-congratulation. The setback to the BJP in the general election, in hindsight, was more an irritant in the long arc of Hindutva than a

irritant in the long arc of Hindutva than a rupture. But that does not mean the BJP can take its popularity or success for granted. Hinduism, unlike monotheistic religions, promotes multiplicity and circularity and has an innate resistance to singularity – of faith, leader or even god. For the Sangh Parivar, the challenge at the beginning of 2025 – which is also the 100th year of the RSS – lies in taming the mutinous anticipation among its supporters who are searching for new sites to project it; and the anxiety among the subaltern social groups about its long-term plans for oneness. For the Congress, the challenge is to build a politics of anticipation, and shift the retrospection frame of the public to a favourable angle.

COP29, climate finance and its optical illusion

nance has been a major point of clima change negotiation since the launching of the United Nations-led climate change negotiations in 1991, producing the United Nations-led climate change negotiations in 1991, producing the United Nations Framework Convention on Climate Change (UNFCCC) 1992. Article 4 (7) of the UNFCCC clearly says "that the extent to which the developing country Darway will be fulfilled to the country Darway will be fulfin developing country Party will be fulfilling their climate action commitments is contingent on how much finance and technology they get from developed country Parties". The Paris Agreement retains, in Article 9(I),

the provision relating to finance, binding the developed countries to mobilise finance for the developing countries. The sixth assessment report of the Intergovernmental Panel on Climate Change (IPCC) has described finance, Change (PV2.) has described innance, capacity-building and a transfer of technology as critical enablers of climate action in developing countries in the backdrop of anthropogenic greenhouse gas emissions responsible for 1.1° Celsius of warming (above what it was in 1850-1900) in 2012.20.

Falling short
In pursuance of their responsibility, the developed countries agreed in 2009 that they would collectively mobilies (\$100 billion a year by 2020. The \$100 billion mark, met by the developed countries only in 2022, does not match the growing needs of climate finance corresponding to the developing countries' nationally determined contributions (NDCs). Second, the mark has been considered in many reports to be well-short of estimated finance to fund the actions needed across different sectors to keep the average global temperature rise within 1.5° Celsius by the end of this century. The 29th Conference of the Parties

this century. The 29th Conference of the Parties eting at Baku, Azerbaijan, in November 2024, was meant for the Parties to the Paris Agreement to have a New Collective Quantified Goal on Climate Finance (NCQG), replacing a \$100 billion floor and laying a n floor taking into account the needs and the



The RSS does not want any more mandir-masjid disputes: however, the politics of

anticipation is

Anwar Sadat

teaches international environmental law at the Indian Society of International Law

The scale and the quality of climate finance

need to be

raised, with

architecture in place

sincere efforts being made to

have a coherent

climate crisis.

In response to persistent demand by all the mi response to persistent temand of an inte major negotiating groups belonging to the developing south that the developed north mobilise \$1.3 trillion by 2030, the developed north agreed to release only \$300 billion per year by 2035.The \$300 billion mark ignores the estimation by the UNFCCC's Standing Committee on Finance (SFC) relating to the annual financial needs of developing countries, which it derived from their NDCs. As in the SFC's estimation, the needs of developing countries, which it derived from their NDCs. As in the SFC's estimation, the financial needs stand at between \$455 billion. Seva these figures cover around half of the 5,760 costed and non-costed needs identified by 98 developing countries in their NDCs (Third Report of the Independent High-level Expert Group on Climate Finance, November, 2024).

The decision on the NCQG makes reference to the financial needs of those particularly vulnerable to the adverse effects of climate change such as the least developed countries (LDC) and small island developing states (SIDS). But the NCQG does not make minimum allocation floors for the LDCs and SIDS.

During the meeting, the Alliance of Small Island States demanded the allocation of \$39 billion for SIDS while the LDC demanded at least \$220 billion for them. It appears that the first-ever Global Stocktake (GST) in consonance with the Paris Agreement in 2023 also failed in influencing the cause of loss and damage concern the NCCC in the CSE centimetries received.

priorities of developing countries to tackle the

influencing the cause of loss and damage concern in the NCQG. In the GST estimation, economic costs are estimated to reach \$447 billion-\$894 billion per year by 2030.

India and the NCQG

India and the NQG
India's perspective on the delivery of climate
finance from the developed north to the
developing south is derived from equity frame
expressed in the principle of common but
differentiated responsibility and respective
capability. It is notable that India joined the
Montreal Protocol to protect the ozone layer from

nurther depieton, when he to setting up of a multilateral fund of \$240 million, including an additional \$80 million for use in India, China and other eligible low-income Parties, During COP29, India specified that the new floor should mobilise \$1.3 trillion by 2030, of which at least \$500 billion should come in the form of grants and concessional resources. On other major agenda items, mitigation work programme, just transition work programme and GST, India's representative called for an adequate provisioning of finance and other means of implementation to fulfil them. India's submission of NDC next year is contingent on a decision

implementation to full intent. Inclass summission of NDC next year is contingent on a decision relating to finance (Barth Negotiations Bulletin-, November 22, 2024). India has expressed its extreme disappointment on the adoption of the NCQG in its present form, shape — which was without its consultation. It made serious objections against the COP29 presidency and the Secretariat in the way it was finalised — which is at the expense of trust, collaboration and in contravention of the UNFCC's norm, on an issue which is a creation of the developing countries more. India outrightly rejected the NCQG. It also added that this NCQG expects the developing world to mobilise resources. In India's view, the paltry sum will influence the ambition and the implementation of its NDC.

What the developed north must do
The pith and substance of the Paris Agreement
are the NDCs. In expecting the developing south
to bring out more ambitious NDCs relating to the
mitigation of greenhouse gases and implementing
the same effectively, it is equally important on the
part of the developed north to raise their scale
and quality of climate finance and also make
times of first in putting in places as observed. sincere efforts in putting in place a coherent climate finance architecture.

This will ensure adequate, directly accessible and affordable climate finance to the developing

LETTERS TO THE EDITOR

Manmohan Singh A truly fitting tribute to former Prime Minister Dr. Manmohan Singh would involve both the Bharatiya Janata Party and the Congress setting aside their differences to honour his legacy. Dr. Singh, a paragon of statesmanship, and known for his calm demeanour and unwavering

deserves commemoration that reflects his stature. A powerful demonstration of respect would be for each politician who has publicly lauded Dr. Singh to pledge to emulate one of his admirable qualities in their way service to the country. own service to the country V. Nagarajan,

During my years in college, I had the privilege of participating in the Model United Nations, where I often played the part of Dr. Singh. While researching his life and work, I was deeply inspired by his humility, dom and statesmanship Dr. Singh is a shining example of how education

 not only for individuals but also for society as a whole. He stands as a testament to the power of knowledge and character in shaping history. I am confident that history will remember him with the kindness and the respect that he truly deserves Harmanbeer Singh Waraich, Ludhiana, Punjab

The passing of Dr. Singh ends an extraordinary chapter in India's political and economic narrative. As a statesman par excellence, he leaves behind a legacy that transcends politics and economics, embodying the value of humility, integrity and dedication to the nation. His life and career were marked by his

unwavering dedication to public service, his profound economic acumen, and his humble demeanour. History will judge him kindly, for he exemplified the best of India's spirit.

R. Sivakumar, Chennai

Letters emailed to letters@thehindu.co.in must carry the full address.

The geopolitics of platform-publisher tussles

ast month, *The Australia Today's* coverage of External Affairs Minister S. Jaishankar's visit was ishankar's visit w s for its substance discussed less for its substance and more for being inaccessible on Facebook in Canada. Coming on the back of diplomatic tensions between India and Canada, were Mr. Jaishankar's interview and joint press conference, covered in The Australia Today, inaccessible in Canada due to a nudee by the in Canada due to a nudge by the Trudeau government? Or was it part of Meta's strategy to block news on social media platforms in

Some argue that this is a casualty of Canada's approach to mitigate asymmetries between all pervasive platforms, such as Facebook and Google, and news publishers, such as The Australia Today. The blackout has less to do with the politics of foreign policy and more to do with the politics of Meta's corporate strategy. Mostly, it has to do with the geopolitical ramifications of developments in Canada's media policy. Let's start with the actors

Let's start with the actors involved. Platforms facilitate publishers to reach a very large audience, and publishers offer platforms a stream of content to platforms a stream of content to incessantly engage users. In this seemingly symbiotic relationship, only platforms know the true popularity of the news distributed to their users and therefore, the incremental advertising revenues trickling in from the content produced by publishers. Platforms are also known to change the metrics to gauge popularity and audience preference. These problems raise questions about problems raise questions about transparency, accountability, and parity in the dealings between platforms and publishers.

Governing frenemies In June 2023, Canada devised a In June 2023, Canada devised a bargaining framework for platforms to duly remunerate news outlets. The resultant Online News Act (ONA) sought to protect publishers from losing income that is justifiably due to them from Meta and Alphabet. These platforms are legally obliged to fashion commercial agreements



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teaches media policy at the Centre for Culture, Media and Governance, Jamia Millia Islamia

If our current

policy paralysis

continues. India's

news outlets will

continue to be

shares of online

revenues, and vulnerable to the whims of Alphabet and

devoid of fair

advertising

with one or a group of publishers. If either party disagrees, a bargaining process ensues with the involvement of a mediator. If no agreement is arrived at despite this, each party can propose a final offer, and an arbitration panel is empowered to choose which offer becomes binding.

Canada was the second country to move on this matter, after the Australian initiative of 2021, known as the 'Bargaining Code'. known as the 'Bargaining Code' While concerns over the financial health of local news websites led health of local news websites led to the enactment of the ONA, the Bargaining Code has been criticised for legitimising a mechanism that safeguards the interests of giants in the news business. After initial opposition, Meta and Google negotiated deals with many, but not all, Australian news outlets. In Canada, Google complied with the ONA by agreeing to pay publishers and journalist associations. Meta adopted a contrary route: from August 2023,

contrary route: from August 2023, it foreclosed news offerings on its platforms, Facebook and Instagram, in Canada, However, web pages of journalists can still be accessed on both platforms.

Since the ONA does not define a news website, Meta decides which is a news site and which is an is a news site and which is an opinion or community site. For instance, Baaz, a Canada-based news outlet catering to the Punjabi and Sikh diaspora, was inaccessible for a while on Facebook and Instagram. After it switched to Substack, a subscription-based platform, and rechristened defined itself a 'community pase'. Baaz became 'Community pase'. Baaz became 'community page', Baaz became visible on both platforms.

Interrupting global flows Following the uproar over Mr. Jaishankar's interview, Meta maintained that it blocks news in Canada, irrespective of its geographical origins. However, the editor of *The Australia Today* editor of The Australia Today pointed out that prior to the interview, the content of the site was visible, suggesting that Meta restricted the site around the time the interview was posted. Such experiences render Meta

vulnerable to criticism of selective compliance with the ONA.

The unavailability of the Jashankar interview on Facebook in Canada also uncorks the geopolitical ramifications of national media policy. Regulations in Australia, Canada, and Indonesia have tackled the imbalances between platforms and publishers, as seen in their and publishers, as seen in their respective news markets. Consequently, they vary in normative considerations, policy priorities, and institutional design Recently, Australia disincentivised platforms which refrain from, or do not renew, agreements with publishers. Its News Bargaining Incentive (NBI) policy proposes to penalise platforms harvesting revenue of \$250 million and more and failing to finalise agreements. This is to ensure, inter alla, that Meta does not replay its Canadian strategy in Australia, since earlier this year, it had announced plans to discontinue paying news outlets there. What is interesting is that the NBI also incentivises platforms by offsetting payments to platforms which refrain from, or by offsetting payments to publishers against some of their fiscal liabilities in Australia.

How is India tackling publisher-platform asymmetries Since 2022, the Competition Commission has been inquiring into the conduct of platforms, nmetries? into the conduct of platforms, following pleas by news associations. We don't know if their efforts factor in geopolitical dimensions of the matter. If the policy paralysis continues, India's news outlets will continue to be devoid of fair shares of online advertising revenues, and vulnerable to the whims of the vulnerable to the whims of the Alphabet-Meta duopoly.

Meanwhile, structural censorship, seen in the Jaishankar interview case, could recur. It will interview case, could recur. It will proliferate if Meta replicates its Canadian strategy in the U.K., South Africa, and Germany, where fair compensation regulations are being evolved. If so, interviews by Indian Ministers to news outlets in those countries will be inaccessible on Meta's platforms there. Therefore, policy pundits must weigh in urgently on fair compensation.

The pulls and pushes in J&K

Despite the LGs posturing, Omar Abdullah is seeking to reconcile with Delhi

STATE OF PLAY

Peerzada Ashiq

he first elected govern-ment of the five-year-old Union Territory (UT) of Jammu and Kashmir seems to be struggling to settle even more than two months after coming to power. The all-powerful Lieutenant Gover-nor, Manoj Sinha, one of the nor, Manoj Sinha, one of the few politicians to occupy the seat in JaK, and Chief Minister Omar Abdullah, the National Conference (NC) leader who is riding high on his second best electoral victory in the past three decades, have been at loggerheads in the last few weeks.

weeks.

It is becoming more and more evident that Raj Bhavan and the Chief Minister's Office are not just two power centres but two different ideological forces. On November 27, Mr. Sinha paid tribute to former Finance Minister, Girdhari Lal Dogra, on his 37th death anni-Dogra, on his 37th death anniversary. Speaking at a well-attended function, Mr. Sinha remembered Dogra, a former
NC leader from Jammu, as a
"multifaceted personality
who contributed immensely
to the welfare of poor and
marginalised sections of our
society." However, just about
a week later, he turned down a
proposal by NC to reinstate an
official holiday marking the
birth anniversary of Sheikh
Muhammad Abdullah, the
founder of NC. He also decided against paying tribute or ised against paying tribute or is suing a customary message for the leader, who ratified the Instrument of Accession with In-

strument of Accession with In-dia in 1948.

After assuming office in 2020, the LG had dropped Shekh Muhammad Abdul-lah's birth and death anniver-sary from the official holiday list and instead included Do-gra monarch Maharaja Hari



Singh's birthday. Abdullah re-

Singh's birthday. Abdullah re-presented the progressive de-mocratic forces of pre-1947 who revolted against Singh. In fact, most elected Bhara-tiya Janata Party (BJP) leaders prefier to seek the LG's inter-vention on governance issues rather than the Chief Minis-ter's Office. The tension bet-ween the Raj Bhavan and the Chief Minister's Office is also evident from the fact that Mr. Sinha and Mr. Abdullah are yet to be seen together at any yet to be seen together at any yet to be seen together at any public or official function, except the swearing-in ceremo-ny and the J&K Assembly.

The absence of business rules has made matters worse The Jammu and Kashmir Re-organisation Act, 2019, gives power to the LG to make rules with the 'aid and advice of the Council of Ministers'. Howev-er, the process is yet to be fi-nalised and has impacted governance. In the absence of business rules, the LG's decision to un-ilaterally extend the terms of two vice chancellors of two universities raised eyebrows The Jammu and Kashmir Re

universities raised eyebrows in the Chief Minister's Office, which said that the LG office was "dumping the institution of consultation". NC legislator and former High Court judge Hasnain Masoodi said, "The mandate has to be respected and the institution of consulta-

and the institution of consulta-tions must be in place". Earlier last month, Mr. Ab-dullah's decision to retain ad-vocate D.C. Raina as Advocate General of J&K was shot down by Raj Bhavan. Similarly, the LG's move to transfer Vishesh

Mahajan, a J&K Administrative Service officer, as director of Mahajan, a J&K Administrative Service officer, as director of tourism was not accepted by the Chief Minister's Office. Such tit-for-tats have become the new normal in a region that requires a delicate han-dling of situations, given the sense of alienation on the ground. The friction may also cast a shadow on the people's cast a shadow on the people's growing faith in the electoral

With the LG also invoking Article 3II to terminate two go-vernment employees for "an-ti-national" activities, the space for Mr. Abdullah has space for Mr. Abdullah has been squeezed further. In fact, his party had promised to review such cases in its manifesto. Raids against suspects from the National Investigation Agency and the J&K Police spreading "malicious, settled to gained pace. The LG controls law and order in J&K.

Facing a formidable LG, who is resetting the rules of both governance and politics in J&K, Chief Minister Abdulah is repositioning himself.

lah is repositioning himself. He has sought to tread the He has sought to tread the path of reconciliation bet-ween Srinagar and New Delhi. Mr. Abdullah has met the top leadership of the BJP, includ-ing Prime Minister Narendra Modi, Home Minister Amit Shah, and Defence Minister Rajnath Singh, and pleaded the case for full Statehood for I&K.

Recently, he said that the Congress will have to justify its leadership role in the INDIA bloc, instead of "taking it for granted". He also dismissed granted". He also dismissed the Congress's objections to electronic voting machines, arguing that the party's stance on the issue is inconsistent. He also praised the Central Vista project in the capital.

These remarks reflect Mr. Abdullah's attempt to position himself as a rational and pragmatic politician who is ready to engage with New Delhi.

India among 25 nations with high religious restrictions

Pakistan, France, Israel, Nigeria, Egypt, Sri Lanka, Nepal and Maldives were also part of that list

DATA POINT

n an index measuring reli-gion-related hostilities for 2022, India scored the est among 198 nations, achighest among 198 nations, ac-cording to a report recently pu-blished by the Pew Research Cen-ter. A higher score on the social hostilities index CSHD indicates greater levels of religion-related harassment, mob violence, terro-rism, militant activity, and con-flicts over religious conversions or the use of religious symbols and ar-tire. India scored 9.3 on a scale of 0 on the SHI. Scores above 7.2 are considered 'very high'. The report also assessed coun-tries based on the government's restrictions on religion, using the government restrictions index (GRI). The GRI measures laws, pol-cies, and actions that regulate or limit religious beliefs and practi-

limit religious beliefs and practic-es. These include policies banning particular beliefs or practices, the unequal granting of benefits to cer-tain religious groups, and bureau-cratic rules requiring religious groups to register to access bene-fits. India had a 'high' GRI score of

fits. India had a 'high' GRI score of 6.4 out of 10 in 2022. Scores above 6.6 are classified as 'very high'.

Chart I plots the GRI (horizontal axis) and SHI (vertical axis) scores of 198 countries for 2022.

The higher a country is on the chart, the more it experiences religion-related hostilities by non-government players. The farther to the right, the more government restrictions there are on religions.

restrictions there are on religions.
Only 12% (25 countries) had
'high' or 'very high' GRI scores and 'high' or 'very high' GRI scores and SHI scores in 2022: India, Nigeria, Syria, Pakistan, Iraq, Egypt, Af-ghanistan, Israel, Libya, Palesti-nian territories, Ukraine, Bangla-desh, France, Jordan, Iran, Sri Lanka, Somalia, Tunisia, Indone-sia, Yemen, Laos, Nepal, Algeria, Maldives, and Armenia. In about 62% of the countries, including Canada and South Korea, the GRI and SHI scores were 'low' or 'moderate'. In 16% of the countries, the GRI was 'very high' or 'high', but the SHI was 'low' or 'moderate'; these include Cuba and China. In 10% of countries, the GRI was 'low' or 'moderate', but the SHI was 'high' or 'very high'. These include Brazil and the Philippines.

The number of countries with 'high' or 'very high' GHI scores

'high' or 'very high' GHI scores rose to 59 (30% of 198 countries) in 2022 from 55 in 2021 (Chart 2). In 2007, when the index was started, only 40 nations (20%) had 'high'

only 40 nations (20%) had 'high' or 'very high' scores.

The number of countries with 'high' or 'very high' SHI scores rose to 45 (23% of all countries analysed) in 2022 from 43 countries in 2021 (Chart 3). In 2012, 65 countries had 'high' or 'very high' scores – the highest share (33%).

Harassment by governments – a

Harassment by governments – a road measure encompassing verbal and physical pressure by auth-orities on religious groups - was among the most prevalent types of restrictions in 2022. It was report ed in 186 of the 198 countries and

ed in 186 of the 198 countries and territories studied (94%). Government interference in worship was also widespread in 2022 and was reported in 170 countries and territories (86%). This includes policies and actions that disrupt religious activities, such as withholding permission to worship or denying access to places of worship. It also covers restrictions on religious practices and rituals not directly tied to worship, such as burial practices.

Chart 4 shows the number of

Chart 4 shows the number of countries where there was govern-ment harassment of religious

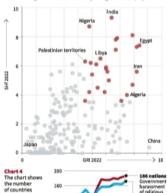
ment harassment of religious groups and government interfe-rence in worship.

The report said that govern-ment restrictions and social hostil-ities often align closely, i.e., the lower the score on one index, the lower the score on the other too generally, and vice-versa.

Shades of intolerance

The data for the charts were sourced from the Pew Research Center's report titled "Government restrictions on religion stayed at peak levels globally in 2022"

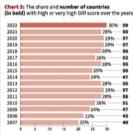


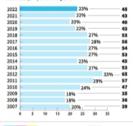


procession in New Delhi's

watches from his house after a shop was demolished

in communal violence during a Hindu religious





FROM THE ARCHIVES

The Man Tindu.

FIFTY YEARS AGO JANUARY 1, 1975

India and Portugal end two decades of confrontation

New Delhi, Dec. 31: The treaty signed by India and Portugal to-day has, in the words of the two Foreign Ministers who put their signatures to this historic document, buried two decades of confrontation and established the basis for friendly co-operation between them.

The first article of the treaty says, "Portugal

The first article of the treaty says, "Portugal acknowledges that the territories of Goa, Daman, Diu, Dadra and Nagar Haveli have already become parts of India, and hereby recognises the full soweriginty of India with effect from the dates when they became parts of India under the Constitution of India." An official announcement was made simultaneously about the resumption of diplomatic relations at the Embasy level between the two countries with effect from 16-O0 hours IST to-day. The two countries decided to dispense with the formality of waiting for the ratification of the treaty for beginning this new and happier chapter in their relations.

The two countries have further agreed under this treaty to settle through bilateral negotiations all outstanding questions concerning property, all outstanding questions concerning property, assets or claims of their respective citizens, and matters relating to the property and assets of either side in the territories of the other State. The treaty provides for a similar settlement o the rights and claims of Indian citizens and

other persons who returned to India from territories under Portuguese administration regard to the properties and assets left behin by them.

A HUNDRED YEARS AGO FROM THE DECEMBER 31, 1924 AS THERE WAS NO ISSUE ON JANUARY 1, 1925

Communists arrested

Bukharest, Dec. 28: Following the recent arrests of Communists (see cable of Dec. 23rd) the of Communists (see cable of Dec. 23rd) the police have captured documents showing the existence of three organisations supported by the Soviet Government together with complete proofs of their relations with similar organisations in Moscow, Vienna, Berlin, Sofia and Athens. 230 out of 430 persons arrested are being held for trial and remaining 200 are being deported.

FROM THE ARCHIVES



India must protect and preserve its hard-won freedoms

The Tricolour must remind us of the composite culture which makes us a great democracy. We must resolve to never let our freedoms be robbed by authoritarian arrogance or allow fomented hatred to undermine the unity of the Indian people. That is the best tribute we can pay to our flag

Manmohan Singh

Former Prime Minister Manmohan Singh passed away at the age of 92 on December 26. In this article, dated August 15, 2022, Mr. Singh warns Indian citizens to hold as precious the unity, freedom and diversity which makes India a truly unique

he world's largest democracy is soon to become the most soon to become the most populous country on earth.
Therefore, the celebration of 75 years of independence brings a special responsibility to set global standards in the protection and the promotion of individual and collective freedoms. While every Indian will proudly salute the flag as it files high, the Tricolour must also remind us of the composite culture which makes us a uniquely great democracy in the world. On this historic occasion, we the world. Oir this instoric occasion, we must resolve to never let our freedoms be robbed by authoritarian arrogance or allow fomented hatred to undermine the unity of the Indian people. That is the best tribute we can pay to our flag.

A unity that is precious India emerged from the chokehold of colonial rule to build a nation from a wide scatter of British-ruled territories and princely States. This unity did not magically materialise overnight. It was the freedom struggle, inspired by Mahatma Gandhi and led by the Indian National Congress, which united Indians across the land to seek an end to foreign rule. This movement united Indians across multiple identities of language, religion, caste, gender and social status. That unity is scatter of British-ruled territories and gender and social status. That unity is precious to India and should not be precious to indua and should not be frittered away through communally divisive, linguistically chauvinist, callously castiest and gender insensitive campaigns that will fragment the Indian identity. Such ploys may pay temporary political dividends, by setting Indians against Indians, but they will create craters on

India's path to progress as a great nation.
We were robbed of our riches by
colonial rule and began our life after
Independence as a poor developing
country. We rose from that level to
become one of the world's leading
economies, whose growth is essential to
the stability of the global economy. The
policy of economic liberalisation, initiated
in 1991, had a galvanising effect on our
economic growth. At the same time. economic growth. At the same time, poverty reduction and the bridging of poverty reduction and the oraging of economic inequalities became a cardinal principle of public policy. As we pursue the path of inclusive economic growth, we should not permit only a select few among India's business leaders to reap the benefits of prosperity while income gaps keep widening.

Flag divisive politics

Flag divisive politics Jobless growth is not a safe bet for any economy. Unemployment not only does not permit the optimal use of our humar resources but also creates the breeding ground for social discord and divisive politics. As we move ahead towards the next 25 years of independent India, we must aim to optimally utilise the demographic dividend of a young population through education, skilling. population through education, skilling, suitable employment and support to young entrepreneurs and innovators. This young entrepreneurs and innovators. This requires easy mobility across the country for education and employment. Communal and linguistic barriers will hinder such mobility and adversely impact growth. Captains of Indian industry must recognise this danger and raise their voice for national unity, not remain mute spectators when divisive politics are posting a threat to the politics are posing a threat to the

Uphold scientific tradition

Uphold scientific tradition India adopted excellence in science as a path to progress since the early years of Independence. The national science policy was forward looking. Great institutions of scientific learning and

research were established. India's various institutes of technology have won world renown, with many of their graduates leading global enterprises of repute. Our space, oceanography and nuclear programmes have placed us in a select group of nations whose scientific prowess and technological excellence are respectfully acknowledged by the whole world. It would be unfortunate if our scientific institutions, universities and scientific institutions, universities and scientific institutions, universities and research bodies are undermined through the induction of sub-optimal leadership, whose given mandate is to pursue cultural revivalism at the cost of academic integrity. India has had a proud scientific tradition since ancient times, but that should not become the camouflage for pseudo-science that brings discredit to our scientific community.

In the comply of nations, India wan

In the comity of nations, India won In the comity of nations, India won respect for adopting principled positions, opposing colonial rule, leading the Non-Aligned Movement when two power blocs were seeking global domination, espousing human rights and promoting the cause of peace. Our relations with most of our neighbours were cordial. Even when we had conflicts with some, we tried to build bridges of understanding to enable peaceful co-existence. We need to enable peaceful co-existence. We need to maintain these positions, even as the to maintain these positions, even as the world witnesses new conflicts and alliances. It is essential for us to be regarded as a reliable and respected friend in most countries of the world, but especially in South Asia. We should not let our foreign policy wobble through dependence on personalised gestures for the camera but follow clear-headed initiatives through wise leadership supported by able diplomats.

Well-being of the young India must focus on enhancing the health, education and skilling of young persons. The recent National Family Health Survey (NFHS-5) reminds us that stunting, under-nourishment and namenia continue to afflict a large percentage of

our children and women in the our chiaren and women in the reproductive age group. We need to ensure that the nutrition-specific programmes deliver, even as we advance nutrition-sensitive policies in other sectors, especially water and sanitation. COVID-19 revealed several weaknesses in our health system. From disease.

in our health system. From disease surveillance to provision of health care, we need to strengthen the capacity of we need to strengthen the capacity of health services. There are marked differences in the capacity and performance of health systems across different States. It is essential that States invest more in health and also that centrally sponsored programmes aim to provide greater support to States whose health indicators are lagging. Providing needed health services to all persons, with adequate financial protection, must be the goal of universal health coverage. be the goal of universal health coverage. We must achieve this uniformly across the whole country.

For the citizen to ponder over As a young boy of 14, I experienced both the exhilaration of newly gained independence as well as the painful tragedies that marred the country's partition. I hoped that India would grow strong as a nation without ever spanin strong as a nation without ever again having to experience such discord. Today, I am proud of what India has achieved I am proud of what India has achieved and am optimistic about the future of this great nation. However, I am also worried about the sectarian slogans and communal sturs that are vitiating social harmony and dividing the people. Alongside, there is also a weakening of institutions which must safeguard democratic freedoms, uphold norms of good governance and shield electoral politics from the onslaught of money power and co-opted state agencies. It is pointes from the orisatignt of money power and co-opted state agencies. It is for the citizens of India to protect and preserve the hard won gains of our freedom. Let each one of us reflect on that duty as we raise and salute our flag. Dr. Mannohan Singh was Prime Minister of India from 2004 to 2014.



Please send in your answ

THE DAILY QUIZ

Happy New Year to all our readers! A quiz on calenders which are/were used in India

Serish Nanisetti

OUESTION 1

and official communications of India, which is the first day of the year?

QUESTION 2

Reform Committee under the Council of Scientific and Industrial Research to devise a national calendar in 1952. Who

CM C

headed the committee?

OUESTION 3

How many different calendars did the committee examine before selecting Vikram Samvat as the standard for the national calendar?

QUESTION 4

Which Iranian poet and philosopher was also an strologer, and devised the ules for the leap year?

QUESTION 5

The unified 'National Calendar' (the Saka Calendar) was adopted for use with effect from March 21, 1956 A.D., that is, 1 Chaitra 1878 Saka, What



Visual question:
An Indian crime caper is roughly based on this American movie and stars Shah Rukh Khan.

day's daity quiz: 1. In 2014, this Malaysian Airlines flight disappeared and this one was shot down over Ukraine. Ans: MH370 and

2. This football club lost eight players to an aviation accident in 1958. This Brazilian football club lost 19 players in 2016. Ans:

Manchester United; and Chapecoense
3. The feature shared between Mangaluru and
Kozhikode airports which played a part in two accidents, Ans: 'Table-top' runways 4. The location where Saudi Arabian Airlines flight 763 collided mid-air with Kazakhstan Airlines flight 1907. Ans: Charkhi Dadri in

Airlines flight 1907. Ans: Charkhi Dadri in Haryana
5. The pilot who managed to save all lives on board after his aircraft experienced engine failure. Ans: Chesley "Sully" Sullenberger Visual: Name this airport. Ans: Tribhuvan Airport, Kathmandu

Airport, Kathmandu Early Birds: Dodo Jayaditya| Rajmohan Velayudhan| ViswanadhaRao Batchu| Jagrati Shuklal M, Suresh Kumar



ABSTRACT

How corruption spurred growth in China

Prashanth Perumal

Widespread corruption is often seen by economists as a major reason why many countries remain poor. But some have argued that not all corruption is bad. One among these is Singaporean political economist Yuen Yuen Ang who is known for her 2020 book China's Gilded Age: The for her 2020 book China's Gilded Age: The Paradox of Economic Boom and Vast Corruption. Ms. Ang argues that corruption can be good or bad for economic growth depending on the reason why bribes are paid. If bribes are paid just as a form of extortion where the person paying the bribe gains nothing in return for the bribe that he or she pays, this can act as draw on economic this can act as a drag on economic growth, Ms. Ang classifies this form of corruption as petty theft or grand theft depending on the scale at which it happens. Such theft hinders grow

Corruption can be good On the other hand, if bribes are paid to gain access to rights or resources that are under the control of the elite or non-elites, this can lead to faster economic growth at least in the short run. This is because, in many cases, bureaucratic rules and other barriers bureaucratic rules and other barriers restrict free access to resources and the freedom to exchange resources, and in such cases corruption can help ease access and promote economic freedom, thus boosting economic growth. Ms. Ang calls this form of corruption as speed money or access money. It should be noted that while this form of corruption can "grease the wheels" of the economy, such growth is likely to be far from ideal. For example, since not everybody may be such growth is likely to be far from ideal. For example, since not everybody may be capable enough to influence government officials with bribes, we are likely to see the rise of a few large business groups, causing greater economic inequality. A system where there is the opportunity for free entry without the need to bribe public officials will lead to more rapid economic growth that is also more. economic growth that is also more equitable. Ms. Ang argues that China equitable. Ms. Ang argues that China managed to witness rapid economic growth despite vast corruption because most corruption in the country was in the form of access money rather than petty or grand theft.

form of access money rather than petty or grand theft.

In a recent paper named "A political economy analysis of recent growth slowdown in West Bengal," Debajit Jha, Jagadish Prasad Sahu and Parinita Singh use Ms. Ang's classification of corruption to explain the economic slowdown in West Bengal. The authors state that West Bengal's growth rate began to slow down after the Trinamool Congress came to power in 2011, with the average growth rate becoming lower than the national average. Most of this growth slowdown, they argue, has been due to the underperformance of the large non-farm underperformance of the large non-farm sector (manufacturing and construction) which constitutes about 80% of the State's which constitutes about 80% of the state's GDP and has been plaqued by petry theft by the 'syndicate raj' run by the ruling Trinamool Congress. The farm sector, in contrast, has done relatively better as the corruption in this sector is in the form of access money that helps economic growth in the short term.

Word of the day

Condone: excuse, overlook, or make allowances for; be lenient with

Synonym: excuse

Usage: We should not be seen as condoning

Pronunciation: newsth.live/condonepro

International Phonetic Alphabet: /kan'doun/





Text&Context

THE HINDU -

NEWS IN NUMBERS

India's fiscal deficit from April to November

In trillion rupees. The country's fiscal deficit for April-November was 52.5% of the estimate for the financial year. Total government expenditure for the period was 27.41 trillion rupees. Net tax required for the first sich meether of the 50.00 for the period was 27.41 trillion rupees. receipts for the first eight months of the FY were at 56% of the annual target. PTI

Number of Indian startups with at least one woman director

73,000 The Indian startup ecosystem experienced a rollercoaster ride in 2024, with a slight decline in funding activity and a shift in investor sentiment, alongside a silver lining with several startups achieving unicom status. PR

Monthly honorarium under Pujari Granthi Samman Yojana

18,000 In t. A group of priests staged a protest outside the Pracheen Hanuman Mandir in Connaught Place and demanded that Arvind Kejriwal should clarify why no financial support was

The area advanced by Russian forces in Ukraine

3,985 lin square kilometres. advanced by 3,985 square kilometres in Ukraine in 2024, seven times more than in

2023. Much of their gains came in autumn, as they took 610 sq kms in October and 725 sq kms in November. wr

The applications disposed of during government campaign

In crore. Nearly three crore service delivery applications were disposed of during the Prashasan Gaon ki Ore campaign aimed at further ensuring ease of governance mainly at the grassroot level. The campaign was conducted in 700+ districts across India. PR

COMPILED BY THE HINDU DATA TEAM

provided in the last 10 years. Pri

Follow us 1 facebook.com/thehindu 2 twitter.com/the_hindu 1 instagram.com/the_hindu

The nature of dissent in the Indian judiciary

The dissents of the U.S. Supreme Court are largely based on the political inclination of judges, who are direct appointees of the President, confirmed by the Senate. Indian judicial dissents have, however, varied from political, to social to purely intellectual disagreements

LETTER & SPIRIT

Shivani Vij

issent is an important facet of a true democracy. While this is true for citizens in the legislature, it is also true for judges of a constitutional court. India and the U.S. are two strong democracies with opinionated judcicaries. Though dissents in the Indian Supreme Court GCO are as powerful as the U.S. Supreme Court GCOTUS, their reasons difficult in the Indian Supreme Court GCOTUS are largely based on the political inclination of judges, who are direct appointees of the President, confirmed by the Senate. Justice Stephen Breyer, for instance, an appointee by the Democrats, has shown himself to be pro-affirmative action,

himself to be pro-affirmative action, pro-abortion and against capital punishment. His dissent in Glossip versus Gross (2015) held that capital punishment violated the Eighth Amendment of the Bill violated the Lighth Amendment of the Bill of Rights, which prevented inhumane and degrading punishment. Justice Samuel Alito, on the other hand, a Republican appointee, is both anti-abortion and anti-gay rights. His dissent in Obergefell versus Hodges (2015) reasoned that the Constitution did not address the right Constitution did not address the right to marry of same-sex couples and therefore, the courts could not grant it. Indian judicial dissents have, however, varied from political, to social to purely intellectual disagreements.

Political dissent
Unlike the U.S., Indian judges are not appointees of the ruling party and are selected through a collegium of senior judges. Their decisions do not have a similar political undertone and may or may not associate with the view of the ruling party that was in power when they were appointed.

were appointed. In the case of ADM Jabalpur (1976), four out of five judges held that the enforcement of fundamental rights,



including Article 21, remained suspended during the national emergency under Article 359. The majority judgment was the politically sound one at the time. Justice H.R. Khanna, however, withstood the pointany sount on the at the thrip Justice H.R. Khanna, however, withstood the political pressure of the time, dissented and reasoned that if Article 21 remained suspended, there would be no recourse to deprivation of life and liberty, albeit in emergency. His resolve to keep "rights" intact amidst a turbulent India, strengthened his voice on the Bench and also became the law later by a constitutional amendment to Article 359. Another example of this could be found in the Pt. Narasimha Rao (1998) case, where the question was if accepting bribes for voting in Parliament was covered under parliamentary privilege, and whether it enjoyed immunity from prosecution. The majority said yes, but Justices S.C. Agarwal and A.S. Anand

ed. The majority view reflected the favourable to the ruling Congress party. However, the dissent endured and later However, the dissent endured and later became the view of the court in Sita Soren (2023), where the SC overruled such an expanded view of immunity.

Dissent which is social

A dissent could also reflect a different social understanding or implication of a legal issue. In *Shapura Bano* (2017), the SC dealt with the constitutionality of the 'triple talaq' as a form of divorce among the Sunnis in Islam. Justices J.S. Khehar and Abdul Nazeer dissented with the majority, which struck down triple talaq for violating the rights of life of Muslim women. The two judges reasoned that the triple talaq was an integral part of the Sunni personal law and not violative of constitutional rights. Further, it was not

for the courts to determine its constitutionality, since it is only the legislature that can intervene in soc unacceptable practices in different

religions.
The decision in Aishat Shifa (2022) also The decision in Aishat Shifa (2022) also displayed a discordant understanding of religion. This case did not have a dissent but had two separate opinions. The question was whether the State could prohibit Muslim girls from wearing a hijab to school by enforcing a universal dress code, Justice Hemant Gupta was of the view that secularism permitted the State to do so since religion was a private affair. to do so since religion was a private affair, which had no space in classrooms of a State-run school. Justice Dhulia, on the other hand, disagreed and considered 'diversity', 'plurality' and 'tolerance' as values underpinning the Constitution. This disagreement stemmed from different understandings of secularism.

tellectual critique

A dissent could also be plainly intellectual, like that of Justice B.V. Nagarathna in *Lalta Prasad Vaish* (2024), the industrial alcohol case. Here nine judges of the SC determined whether States have the legislative competence to tax 'industrial alcohol', or does only the Centre have the authority. Disagreeing with eight judges, Justice Nagarathna said that States could not tax industrial alcohol. The disagreement was on the and scales found not as multistralachol. The disagreement was on the
interpretation of the term 'intoxicating
liquor' under Entry 8 of List 2 in the
Seventh Schedule of the Constitution. The
majority believed that this legislative
entry was broad enough to include liquor
unift for human consumption, and
therefore industrial alcohol. States could
therefore tax it. This reasoning did not sit
well with Justice Nagarathna, who opined
that industrial alcohol is used for
manufacturing purposes and cannot be
subsumed within 'intoxicating liquor',
which is liquor for human consumption.
The difference of opinion was solely on
the interpretation of the text of the
Constitution —an intellectual one.
Shivani Vij is a lawyer practising in Delhi.

THE GIST

Unlike the U.S., Indian judges are not appointees of the ruling party and are selected through a collegium of senior judges.

In Shayara Bano (2017), the SC dealt with the constitutionality of the 'triple talar's a form of divorce among the Sunnis in Islam. Justices J.S. Khehar and Abdul Nazerd dissented with the majority, which struck down triple talary for violating the rights of life of Muslim waggen.

A dissent could also be plainly intellectual, like that of Justice B.V. Nagarathna in Lalta Prasad Vaish (2024), the industrial alcohol case

Are former Prime Ministers mandated memorials?

What was the Congress party's demand with respect to the funeral and memorial of former Prime Minister Manmohan Singh? Is there any rule regarding memorials for former PMs?

The story so far:

The story so far:

Ormer Prime Minister
Mammohan Singh passed away
on December 26. The Union
Ministry of Home Affairs (MHA)
declared seven days of State mourning
and announced a state funeral for the
dignitary. Mr. Singh was cremated at the
Nigambodh Ghat in central Delhi, a first
for any former PM. The Congress party
said it was an "insult" that a separate
place was not allocated by the
government for the funeral of the former
PM. The Congress party demanded that a
memorial be built at the designated place
where the cremation took place.

Is there a rule related to memorials? While guidelines exist for State funerals, there is no specific rule or government order regarding allocation of space for

memorials for former PMs. According to constitutional expert P.D.T Achary, there was a departure in the case of Mr. Singh. "As far as I know, there is no such rule. The convention is that former PMs have been cremated at designated places and in this case there is a departure. They cerenated him at a place where anybody can be cremated even a common man. Ir our country though everyone is equal before the law, in society, a former PM has a status and especially a person like Manmohan Singh who was also globally respected," Mr. Achary said.

What has been the trend in the past? Except PM Vishwanath Pratap Singh, all other former PMs have memorials dedicated to them, majorly in Delhi and other parts of the country. P. V. Narasimha Rao got a memorial in his name at Etak Sthal in Delhi in 2015, 10 years after his death in 2004. In Delhi, the

samadhi of Jawaharlal Nehru is known as Shanti Vana, Lal Bahadur Shastri's memorial is known as Vijay Ghat, that of Charan Singh's is Kisan Ghat, Indira Gandhi's memorial is at Shakti Sthal, and Gandhi's Inemorial is at Shaku Susai, and Rajiv Gandhi's memorial is known as Vir Bhumi. In 2013, due to paucity of space, the Congress government decided that all ongress government decided tha orials will be built at Smriti Sthal.

Who maintains the memorials?
According to a reply furnished by the Culture Ministry on December II, 2012 in Lok Sabha, the memorials of various personalities are maintained by the respective State Governments and local municipalities. "However, the Central Government through the Ministry of Urban Development is looking after the upkeep and maintenance of the Samadhia adjacent to Raighat, New Delhi, Morarji Desai's Samadhi at Abhay Ghat at Ahmedabad and the Rajiv Gandhi

Memorial at Sriperumbudur (Tamil Nadu)," the reply stated.

What is the Congress's demand? On December 27, Congress president

Mallikarjun Kharge wrote to Prime Minister Narendra Modi, requesting the Union Government to identify a designated place where the last rites of the departed leader could be held and a memorial built thereafter. Despite the request, the cremation was held at Nigambodh Ghat on December 28. request, the cremation was held at Nigambodh Ghat on December 28.
Following an uproar, the MHA released a press statement on December 27 at 11.45 pm. It stated that the government received a request to allocate space for a memorial for the former Prime Minister. "Immediately after the Cabinet meeting, Home Minister Amit Shah communicated to Congress President Kharge and the family of Late Dr Mamnohan Singh that the Government will allocate space for the memorial. In the meanwhile cremation and other formalities can happen because a Trust has to be formed and space has to be allocated to it," the statement said. Till December 30, the memorial for Mr. Singh had not been announced. Attal Bihari Vajpayee who passed on August 16, 2018 was cremated at Smriti Shah, and a memorial came up at the same place within 45 days. The memorial was funded by the "Atal Smriti Nyas Society". It was built at a total cost of 10.51 crore which was borne entirely by the society.

...

THE GIST

While guidelines exist for State funerals, there is no specific rule or government order regarding allocation of space for memorials for former PMs.

On December 27, Congress president Mallikarjun Kharge wrote to Prime Minister Narendra Modi, requesting the Union Government to identify a designated place where the last rites of the departed leader could be held and a memorial built thereafter.

According to a reply furnished by the Culture Ministry on December 11, 2012 in Lok Sabha, the memorials of various personalities are maintained by the respective State Governments and local nicipalities.

CM C



Challenges of a complex world

From Delhi, 2025 looks both promising and challenging. For much of the world, Donald Trump's presidency presents a major X-factor. There are important opportunities for India to exploit, but it will still have to confront some hard realities from 2024, especially in its relations with China, the US, and Canada



LOOKING AT

TWO ONGOING wars, regime changes in India's neighbourhood and in West Asia, and a phenomenal return to the United States presidency by Donald Trump in 2024 fore-tell a fascinating 2025 geopolitically. Trump is the biggest X-factor as seat belts are fastened in world capitals in anticipation of a roller coaster ride for the next four years. From New Delhi, 2025 looks promising and challenging. India will host the Quad leaders' summit and a possible India-EU summit, Prime Minister Narendra Modi could travel to China for the SCO summit, and President Vadimir Putnis expected to visit India. A Modi-Trump meeting is likely sooner than later in the year.

than later in the year.

On the last day of 2024, here are the hard realities from the year gone by, and the opportunities and challenges that the new year will likely resent rill likely present

THE HARD REALITIES

Donald Trump 2.0

The most consequential election in the world returned Trump to the office he left early in 2021. American Presidents usually get back-oback terms, with no opportunity to see the impact and consequences of the first four years from outside the Oval Office.

Trump has come back after a break, more effective to exclude the control of the

Trump has come back atter a break, more confident and possibly wiser — and has an-nounced nominees for all key appointments long before inauguration day on January 20. His declared intentions of ending ongoing wars and imposing steep tariffs on trade ri-vals of the US have pigued curiosity and anx-iety in many countries.

India's neighbourhood

Important countries in India's neighbour-hood got new governments in 2024.

BANGLADESH: Weeks of sustained street protests drove Sheikh Hasina from power after 16 years, and forced her to flee to India. The new-establishment under Chief Adviser Muhammad Yunus has asked New Delhi to send her back, even as his interim government itself faces heat on the struggling economy, and for failing to protect religious minorities in Bangladesh.



SRI LANKA: The leftist politician Anura SRI LANKA: The leftist politician Anura Kumara Disanayake, who does not belong either to the traditional mainstream parties or the political elite that has ruled Sri Lanka from the beginning, was propelled to the presidency by mass disaffection that had brought down the government of Gotabaya Rajapaksa in 2022. The way the new President deals with the political aspirations of the Tamil minority will be important.

MALDIVES: Almost a year after Mohamed Muizzu came to power on an anti-India plank, New Delhi was able to secure a visit — and some positive signalling—from him in early October 2004.

NEPML: KPSharma Oli, whose pro-China stand has not been comforting to India, better 100 for the proposition of the property of the p

stand has not been comforting to India, be-came Prime Minister for the fourth time in July, His alliance with Sher Bahadur Deuba's Nepali Congress, however, has had a calm-

SEVERAL UNCERTAINTIES

The war in Ukraine

President Volodymyr Zelenskyy has in-dicated that he is ready for talks with Russia, but as the war nears the end of three years, the possible terms of engagement with President Putin remain unclear.

restoent Putin Fernam uncean. The cost of peace will be the big question nd the key challenge that negotiators from ne US, Russia, Ukraine, and Europe must en-age with. China will have a say in the nego-

tiations, and India could play an important

nations, and influe account play all important role as a neutral venue or a go-between among the Russians and the US-led West. But New Delhi will evaluate whether it does want to play a role, what it can bring to the table that others can't, and what happens if it doesn't succeed, Putin's visit to India for the annual summit will be watched closely.

With China, reasons for hope

With China, reasons for hope
After the breakthrough in the disengagement process, New Delhi and Beiging have signalled they are discussing both border issues
and other steps to normalise the simpacted
by almost five years of the standoff in Ladakh.
Some 50,000-60,000 troops continue to be
deployed along the border, and a drawdown
could happen in the summer of 2025.
India will be closely watching the next
steps of de-escalation and de-induction of
troops before it yields on the economic and
visa restrictions that it has placed on Chinese
businesses. Much will depend on whether
Beijing keeps its end of the de-escalation bargain, and whether Indian soldiers are indeed
able to patrol till the pre-2020 patrolling
points, and local villagers can access their
traditional grazing grounds.

The trust deficit remains high, and it will
take a long time and a lot of effort to repair
the damage. Prime Minister Modi's possible
visit of China for the SCO summit will be key
to the effort. Before that, Modi might meet
with President X Jinping at the BRICS summit in Brazil in July.

No engagement with Pak

The doctrine of indifference towards

The doctrine of indifference towards Pakistan continues, with India not agreeing to play cricket in that country. The public rhetoric has been muted, but bilateral en-gagements have not picked up yet. Bangladesh's Yunus has suggested a re-wkalof SAARC, but the idea seems to be a non-starter. New Delhi is firm that talks and ter-ror cannot go together, and the attacks in the Jammu region have reinforced that red line.

New leaders in Europe

There will be fresh elections in Germany in 2025, France is battling with political instability, and the rise of the far right will not be reversed — it could be only a matter of time before these groups come to power in both countries.

The increasingly shrill debate on immi-

The increasingly shrill debate on immigration will cast a shadow on Indians and others looking to study, live, and work in Europe. This issue is likely to come up as India and Europe negotiate a free trade pact.

The United Kingdom, which took a strong position on immigration under the Conservative government, is also negotiating a trade pact with India, and it will be interesting to see whether the sticking points are addressed by the British negotiators. An India-EU summit is in the works as well.

Africa: push for engagement

area in Indian foreign policy this year, and both sides have been trying to find a mutually con-venient schedule for it. There is some talk of

venient schedule for it. There is some talk of hosting the summit in Ethiopia this year. The 2015 summit in New Delhi, in which 40 heads of state and government from Africa participated, had been a major suc-cess. PM Medi is expected to travel to South Africa for the G20 leaders' summit this year.

India-US, India-Canada

The assassination of Khalistani separatist Hardeep Singh Nijjar, in which Canada has accused India, has severely damaged ties,

accused India, has severely damaged ties, and complicated some aspects of the rela-tionships with the US as well. While India's response to the US has been different from the way it has reacted to Canada, allegations of plotting a transna-tional extra-judicial killing has raised ques-tions on India's commitment to the rules-based order.

based order.

The alleged plot targeting Gurpatwant Singh Pannun in the US also has a reputational cost for India's global image, and for the many supporters of Indian democracy in the West, especially those who see India positively visā-vis authoritarian China. That is a question that New Delhi will have to answer, and assuage concerns across Western capitals.

Shubhajit Roy is Diplomatic Editor The Indian Express



AGING AMID SOCIETAL INEQUALITY MAY WORSEN BRAIN DEGENERATION: STUDY

SOCIAL INEQUALITY is directly linked with changes in the brain that are known to be related to aging and dementia, a study has found. As dementia cases are

study has found. As dementia cases are projected to rise in the years to come, especially in low- and middle-income countries, the findings stressed interventions targeted at addressing the local socioeconomic landscape are needed for treating the root causes of brain health disparities. Researchers from universities in South America and the Trinity College Dublin, were involved.

They looked at the rela-

involved.
They looked at the rela-tionship between structural inequality — as measured by national indices — and brain volume and connectivity. Over 2,100 individuals with

Over 2.100 individuals with neurodegenerative conditions, including Alzheimer's disease, and without such conditions from Latin America and the US were recruited. Socioeconomic disparities measured by country-level indices were directly linked to changes in brain structure and connectivity, especially in the regions esential for memory and cognitive function, which are known to be affected with aging and dementia. "Greater structural inequality was linked to reduced brain volume

and connectivity, with stronger effects in Latin America. "the authors wrote in the study published in the journal Natura Aging (Sraxtural Inequality limked to have found and network dynamics in aging and dementia across the Americas"). Latinos with Alzheimer's were found to experience the most severe impacts, Latinos with Alzheimer's were found to experience the most severe impacts, and the control of the c age, sex and cognitive ability. The result highlighted the in-dependent role of macro-level social factors in shaping

SEARCH level social factors in shaping brain health, they said.

"Our findings emphasise the urgency of integrating not only individual social determinants of health into global brain health research but also macro-level exposome factors such as social and physical variables," said first author Agustina Legaz, Latin American Brain Health Institute (BrainLat), Chile. "These findings pave the way for future studies exploring the biological mechanisms linking aggregate inequality to aging and neurodegeneration," Legaz said.

PTI

Bird hit and belly landing: What we know about the Jeju Air crash that killed 179 PRANESH DEY NEW DELHI, DECEMBER 31

TWO DAYS after Jeju Air flight 7C2216 from Bangkok exploded in flames after making a Bangkok exploded in flames after making a belly landing in Muan, South Korea, there are no answers on why the landing gear had not deployed — and whether a bird hit had con-tributed to the catastrophe that lidled 179 of the 181 people on board the twin-engine Boeing 737-800. Here's what we know so far.

First, what exactly is a 'belly' la

First, what exactly is a 'belly landing?
In an emergency, an aircraft can make a risky attempt to land with its undercarriage retracted — that is, on its belly, not wheels.
With the landing gear up, the wings, which will be very close to the ground, must be held absolutely 'level' (parallel to the ground) — a slight left or right bank, either by the pilot or a strong wind, could cause a wing to hitthe ground, which can flip the aircraft, send it cartwheeling, or break it apart. Even in the best case scenario, a belly landing does considerable damage to the aircraft, its engines, and wings. Friction from skidding on the runway can result in a fire.

A belly landing may be attempted if

the landing gear fails to deploy;
the plane is forced to land in a field, and the pilot decides it is safer to skid than to touch down on wheels;
the aircraft has to be "ditched", that is, landed on water;

the aircrait has to be is, landed on water; if the pilot, for whatever reason, considers a belly landing safer. There have been incidents of task-saturated or distracted pilots forgetting to deploy the landing gear, but modern aircraft



Flight 7C2216 touches down on its belly on December 29. Reuters

Did a bird strike lead the landing gear to malfunction?

The plane was cleared to land at 8.54 am, but three minutes later, air traffic control warned about birds above the airport. At 8.59 am, the plots reported a bird hit, and issued a Mayday/(distress) call. They were cleared to land from the direction opposite to the usual one, and the plane made contact with the ground at roughly the middle of the 2.800-m run-way, a BBC report said. Videos of the aircraft AVIATION way, a BBC report said. Videos of the aircraft show its undercarriage was retracted.

Why did the pilots ask to land imme-diately? Why did the landing gear not

deploy?
It is not known. A bird ingestion can disable an aircraft's engines, and a hit can dent its skin, damage navigation/ communication antennae, or even break the windshield/ windows. But a bird strike damag-

Could the crew have consciously attempted a belly landing?
It is possible they considered it safer to belly-land than landing with the gear down. But there is a procedure for it: free trucks and emergency services must be not standby for a possible fire or to evacuate passengers and crew.

Under what circumstances would the pilots prefer a belly landing?
Videos of the crash suggest the B737-800 landed "hong and fast", in aviation jaragon, this is when a plane overshoots the designated touchdown zone, and the pilots have less rumway length to stop the aircraft, which is moving faster than the recommended landing speed.
It is possible that during the approach the captain realised that the plane was coming in long and fast, and a "go-around" - calling off the approach - was not

EXPLAINED

ing off the approach — was not possible. The captain may then have decided that landing on the belly gave a better chance of stopping within the runway than landing on wheels would.

But why was the aircraft coming in faster than it should have?
While landing, a pilot uses slats and flaps, which are retractable surfaces on the front and back of the wing. As the aircraft slows, the wings cannot generate sufficient 'lift', but upward aerodynamic force that keeps a plane aloft, At slower speeds, the slats and

flaps help the wings generate extra lift.
Investigators will examine whether one
or several birds got stuck in the wings and
prevented the flaps from being deployed. In
such a situation, the crew map have had no
choice but execute a high-speed landing.
With flaps, 'stall' speed is lower; without
flaps, it is higher. Stall is a condition in which
an aircraft stops flying forward and starts to
fall from the sky. An aircraft can stall if its
nose is too high (which disturbs the flow of
air around the wings, spoiling generation of

nose is too high (which disturbs the flow of air around the wings, spoiling generation of lift), or when it is not going fast enough (which also spoils the generation of lift). So an aircraft whose stall speed with-out flaps is, say, 120 knots, could have a stall speed of 80 knots with the flaps extended. If, due to a bird strike, the flaps of the Boeing failed to deploy, the plane would have had to come in faster in order to prevent a stall.

Could the pilot have braked?

Modern aircraft have (i) thrust reversers, (ii) spoilers, and (iii) wheel brakes.

THRUST REVERSERS: Once an aircraft touches down, the thrust from the engines is redirected in the reverse direction, slow-

down the plane. SPOILERS: These movable panels on the wing's surface are flushed during flight and deployed after the plane lands, slowing

and deployed after the plane lands, slowing it down with aerodynamic drag.

WHEEL BRAKES: The computer system on a modern plane may prevent automatic brakes from deploying unless it senses that the aircraft is in landing configuration, flaps are extended, and the wheels are on the ground. Investigators will look at what sort of braking was available with the landing gear retracted.

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WORDLY WISE

GOOD RESOLUTIONS ARE SIMPLY CHECKS THAT MEN DRAW ON A BANK WHERE THEY HAVE NO ACCOUNT.

-OSCAR WILDE

The Indian **EXPRESS**

RAMNATH GOENKA

BECAUSE THE TRUTH INVOLVES US ALL

HAPPY NEW YEAR

India's 2024 verdict told both Government and Opposition to

reset, rethink. Hopefully, that will happen in 2025

NEW YEAR calls for a new courage, a renewed political imagination. The 2024 Lok Sabha election mandate paved the way for a break with the same old. The Narendra Modi government came back to power but the voters de-nied it a majority — Otheir message to it was that it needed to press the re-fresh button. The Opposition was given a greater voice but not power — the voters were giving it more space for manoeuure in which to reboot. Six months later, as they step into the new year, both sides need to ask themselves whether they have taken heed of the vot-ers' unsubtle nudge. Has a government that has entered its third term, despite its reduced numbers and because of them, acknowledged its responsibility to break new ground? Has an Opposition that has climbed out of a long and steep downstide used its hard-won vis-ibility to shore up an alternative more engaging and persussive? The answer to both these 2024 questions is, unfortunately, no. And therein lies the challenge that 2025 brings. With its impressive victories in the assembly elections of Haryana and Maharashtra, the second one a comprehensive sweep, the Modi government has the political capital

it needs to cushion itself from the short-term blow-backs of the much-needed big moves. And in a year with only two major elections — 2025 will be book-ended by the Delhi and Bihar polls — it has a crucial opening and expanse in which to take its eye off the telesion calendar. The upcoming budget will be an opportunity it cannot afford to miss to usher in long delayed reforms - on getting government out of business so that it can focus on in long delayed reforms — on getting government out of business so that it can focus on governance, building knowledge capacities for the future, or on rationalising spending by moving from market-distorting subsidies to cash transfers, and on recognising the limits of cash transfers as stand-ins for enhancing state capacity and delivery. It could be said that with growing pressure on the rupce, with GDP growth slowing down and foreign flows waning, the hard decisions can no longer be deferred. Boldness has arguably been thrust upon the Mod government. It only remains to be seen whether and how it steps up to it. Of course, underlying the economic and governance task will be the fundamental political challenge. Can the Modi-BIP, now a three-time winner, let go of the anger and insequently that has become for it as source of crims allowed. Can it for the sendingers

tal political challenge. Can the Modi-BIP, now a three-time winner, let go of the anger and insecurity that has become for it a source of primal energy 2 Can it find the confidence and large-heartedness — and the outreach — that can make more credible its claims to "sabka vishwas" in a land of great diversities? The Opposition's challenge is, if anything, more arduous. So far, after the Lok Sabha verdict which brought it back into the reckoning, the Congress has shown only a risk-averse return to old slogans on caste and not-so-old spectres featuring the Constitution-in-danger or Adani emblazoned on pieces of dothing. For the rest, its face-off with the BIP reeks of a me-too-ness, most conspicuously in its attempts to out-bid the BIP in the lazy opinities of each readings. tics of cash transfers. In the new year it must make its own ground, find its feet. Let 2025 be the year of ideas and of the imagination. Happy New Year.

A TRYST IN SPACE

Launch of docking mission opens a new chapter for ISRO. Its success will be critical for agency's ambitions

SRO HAS CAPPED a year of notable achievements by launching the country's first SRO HAS CAPPED a year of notable achievements by launching the country's first space docking mission, SpaDeX. On Monday, the agency's workhorse, PSIV, placed two satellites in Earth's lower orbit. The two space vehicles, "Chaser" and "Target", will drift out in the coming days through a series of carefully choreographed manoeuvres. ISRO scientists will then attempt to reduce the distance between the two, ultimately leading to the docking of the spacecraft. India's premier space agency expects the operation to last little more than a week. SpaDeX's success will place India in an elite group of nations with space docking capacity, which currently includes only the US, Russia and China. Docking is essential for missions that require heavy spacecraft and equipment that cannot be launched in one go — the International Space Station, for example. SpaDeX is pivotal for India's space ambitions, including a manned for you to the Moon and the onis pivotal for India's space ambitions, including a manned foray to the Moon and the op-eration of the country's space station. It could also open up opportunities for India's space research agency to partner global missions that require docking facilities. In the last two years, ISRO has transitioned from an agency that placed satellites in or-

bit — largely for communications, weather prediction and amongsheric surveys— to an institution that leads planetary exploration. The launch of Chandrayaan-3 and Aditya-1 in 2023 was followed last year by the setting up of the first space observatory to study the polarisation of cosmic X-rays. The Spetember 2024, the Union Cabine approved the Venus Orbiter Mission to study different facets of Venus including its surface and atmosphere and Chandrayaan-4, which intends to collect soil and rock samples from the Moon and bring them back to Earth. The country is expected to make its maiden attempt at sending humans to space next year. The precursor missions for this landmark foray will be launched this year. The new era of Indian space exploration will be markedly different from recent ventures like the Moon mission of 2023. Chandrayaam-4, for instance, will have five com-ponents, launched at different times and then integrated into two separate modules. Similarly, the Bharatiya Antarikha Station will have five modules that will be brought to-gether in space — the first of them is scheduled for launch in 2028. SpaDeX will lay the ground for these missions.

The payload hunched on Monday also carries incubators of several experiments, includ-ing a box carrying eight cowpea seeds which, if plans goright, will develop to a two-leaf stage in space, In receiv years, ISRO has sent signals that it has enough expertise to contribute to all aspects of planetary research. In 2025, and beyond, many more journeys await the agency.

Homework for 2025

Technology and its bros may promise placid perfection. But people must make their own New Year resolutions

OR MOST PEOPLE. New Year resolutions are predictable, even somewhat depressing. Lose weight, eat healthy, quit smoking, join the gym — promises to the self that are acknowledgement of the failures of the year gone by. Then there are the more affirmative promises of learning a new language, reading more and making time for travel, family and friends. The question in 2025, though, is

whether technology and its conveniences have made the New Year resolution obsolete. Semaglutide drugs like Ozempic (originally a diabetes medication, now also pre-scribed and used as a way to treat obesity) can reportedly curb appetites and urges that can help reduce weight and excessive consumption. Eion Music, the world's richthat can help reduce weight and excessive consumption. Join Musk, the world's inch-est man and First Friend to the president-elect, recently posted a picture of himself dressed up as "Ozempic Santa". Tech and Al promise to erase the need to read—all hu-man knowledge can now be queried and put in any format. Large Language Models can even approximate the elusive "voice" that writers, comedians and so many other artists have struggled to find.

It is perhaps the case that human beings are on the verge of placid perfection, a dystopia where there is no becoming, just being. Maybe thin cyborgs who simply consume — content, products, medication and food — are the future. 2025, though, need not be the year people give in and give up. The point of exercise is not just to be thin: The body was designed to move. Reading is not just about acquiring facts, the act itself is enriching. So go ahead, make the resolutions, the propaganda of technology and its bros notwithstanding.

Between two worlds



From conspiracy to communalism and creativity, the trends that will shape 2025

PRATAP BHANU MEHTA

IT HAS BECOME a cliché to describe the IT HAS BELOME a cline to describe the current moment in terms of Gramscf's idea of an interregnum, the sense that an old order has dissolved but a new one has not congealed. There is something to this thought. It is also, in its own way, comforting. History still has a direction. This is a period of transition towards something new. But there are two challenges. The first is defining where the interregnum begins. That depends on what we think is pivotal. Was it the 2008 financial crisis? Is the advent of Ap potentially heralding a profound qualitative change in humanity's prospects? Is it the red of the liberal international order? Is it the rise of populism? Is it the return of war? Is it the red of populism? Is it the return of war? Is it the red of the carbon economy? current moment in terms of Gramsci's idea

is the pulling back from globalisation? Is it the return of war? Is it the end of the carbone conomy?

But more importantly, where are we headed? Is it really an interregnum with a direction? Or is it simply a permanent drift: One dann thing after the other. I was asked by the editors of The Indian Express to think of five things to watch for in 2025. These are not predictions; it would be presumptious to claim omniscience or even foresight. But here are five trends more in the realm of how the world might feel, rather than a prediction of actual events.

The Age of Conspiracy: Vears have often been associated with different markers: Planetary postitions, astrological omens, different animals. But, perhaps increasingly, our world, as befits our times, will not be measured by cosmic markers. Instead, it will be characterised by the word of our era, a wibe. If one had to choose a vibe for 2025 in much of the world, especially its two democracies, India and the US, it would be conspiratorial.

Conspiracy theories have always shadowed political arguments, especially in democracies. It is hard to know whether the belief in conspiracy theories is rising. Such theories seem more plausible when familiar frameworks are corroding. But two moods will dominate. On one or another the belief in conspiracy theories is rising. Such theories seem more plausible when familiar frameworks are corroding. But two moods will dominate. On one or another the second is that this runi will be the product of small shadowy forces — non-existent deep states, small cabals, ethnic groups, malevolent demons lurking around the corner.

corner. The combination of these two often

leads to a demand for scapegoating partic-ular groups, targeting fictitious sources of power, unearthing secret motives behind even the most ordinary of political actions. It will make political discourse even more fragile, accusatory and existentially bight stakes.

fragile, accusatory and existentially high stakes.

The Age of Communalism: In India, communalism: has shadowed democracy and nationalism. For almost two decades since the 1990s, communal violence has been on the decline. But this trend is reversing. This is not a conspiracy in the recesses of a deep state. It is a growing sociological reality hidden in plain sight, it has also become the default ideological consciousness of the most powerful sections of society.

sciousness of the most powerful sections of society.

The fault lines being thrown open, the communal wounds being scratched, the widespreal elgitimisation of a politics of hate will be harder to contain. But it is slowly simmering. There is a late 1930s or early 1940s feel to our political consciousness—a communal settlement coming apart. Trends in our neighbourhood and the global legitimisation of right-wing politics may give even more cover for communalism at home. The lack of large-scale over tviolence till now should not disguise the deep sense of foreboding building up.

The Crists of Social Self Knowledge:
One of the reasons we keep using words

the deep sense of foreboding building up.
The Crisis of Social Self Knowledge:
One of the reasons we keep using words like "uncertainty" and "interregnum" is that we are in a phase where we know much less about social and economic systems than we pretend to. Of course, many common sense truths about societies and economics still hold. But one of the remarkable things about the world since the financial crisis of 2008, the scars of the Covid pandemic, and now the wars in Ukraine and Israel, is that we have discovered so many things about how the world works after the fact, as it were.

Economies across the world have turned out to be resilient in places we least expected and most vulnerable where we did not. Assumptions about what causes inflation and what degree of pressures economies can handle have been blinkering policymakers.

Then there is the gap between what the data supposedly tells us and how economics are represented in the imaginations of people. In short, our confidence about whether

we can adequately represent our societies to ourselves as objects of knowledge is deeply suspect. This is perhaps reflected in the crisis of the social sciences but also in forms of dauthoritative knowledge that claim to represent social workings. In some ways, this can be liberating, It is a vibe consistent with a post-technocratic world, where the orientation is going to be "let us do it" — we will learn whether it works after the fact. We should be more prepared to say, "We don't have a clue."

Perce, Discovery in International

learn whether it works after the fact. We should be more prepared to say, "We don't have a clue."

Price Discovery in International Relations: Everyone expects Donald Trump to disrupt the international order—though, to be fair, the United States has been doing it for quite a while. The Joe Biden administration was not a radical departure from the first Trump administration. But every power, in its own way, is trying to be a revisionist power: Russia, China, even middle powers like Turkey. The question is not what rules of the international system we want to uphold or even what is our long-term national interest. The question is more "What can we get away with?" And again, the answer to this question is often available only after the fact. So, there will be a lot of pushing at the boundaries, and the probability of more wans is very high.

The Trump administration will begin exuberantly, and there may even be initial euphoria over the possibility of bringing peace to Ultraine and stabilisation of China-US relations. But ultimately, the deep trust deficits amongst the great powers will not be overcome, none of the major global public goods problems — for example, climate change, public health and the stability of inancial systems — will be addressed.

The Age of Creativity: On the other hand, the extraordinary mobilisation of chinancial creativity will continue apace. The financial euphoria over Al will settle down, and developments will be received more calmly, avoiding both euphoria and doom. Technological and artistic creativity will continue to enchant. Bollywood will not make a comeback. Taylor Swift's popularity will have peaked. The music that replaces it will, alas, be much darker.

The he will be much a factor.

The he will be some for the major global probability of the music that replaces it will, alas, be much darker.

The writer is contributing editor, The Indian Express

5 VIBES, SERIOUSLY

One of the reasons we keep using words like 'uncertainty' and 'interregnum' is that we are in a phase where we know much less about social and economic systems than we pretend to. Of course, many common sense truths about societies and economies still hold. But one of the remarkable things about the world since the financial crisis of 2008, the scars of Covid. and now the wars in Ukraine and Israel, is that we have discovered so many things about how the world works after the fact, as it were

HOPE AND SOME CAVEATS

From data protection to universal access, digital trends for the new year

NISHANT SHAH

WHEN I TOLD a friend I am spending some

WHEN I TOLD a friend I am spending some of my winter break working on a preview of digital technologies, there was a considered slience. "Are you going to be all doom and gloom about it?" she asked. I checked my notes and was surprised that while the risks and consequences of emerging technologies continue to persist, often impacting the most vulnerable among us, I am still beginning the year on a note of hope—with some caveats.

Most positive reports of technology development and deployment focus on innovation, economy, and access as indicators of success and growth. However, technologies are not mere tools. They are conditions that shape us, contexts we live in, and contestations that define how we work, speak, and love. So, instead of looking at the shirp new thing or the next big thing. I am choosing to focus on five significant milestones that future technology users will look at as history-in-the-making.

The year 2024 will go down in history as the one when we accepted digital and data privacy as our foundational right. The passing of the history Digital Personal Data Protection Act (DPDP) put India in league with developed nations that offer the most with developed nations that offer the most

oata privacy as our unindational right. The passing of the historic Digital Personal Data Protection Act (DPDP) put India in league with developed nations that offer the most comprehensive protection to individual and personal data online. The DPDP might not dramatically change how we use the internet, but in the backend, it puts severe limitations and safeguards on how our data is used in our digital transactions. Conversations around digital privacy in India started in 2009, with the establish-ment of the Unique Identification Authority of India, which later became Aadhaaz. It has taken many consultations, protests and mobilisations, and greater public literacy, for data privacy to become public literacy, for data privacy to become a fundamental right. Going forward, the DPDP rightly puts the responsibility for the protection and safety of individual data on protection and safety of individual acta on companies, intermediaries, and actors rather than individuals, and marks a wonderful way forward for securing our digital futures. As the year of general elections though, 2024 was also the year of misinformation.

5 SHIFTS, TECH

If there was ever something more to look forward to, it is you, the people. 2024 in tech was also a year of people using tech. More than ever before we are online, connected, talking to each other. There are continued assaults on our collective imagination and power. Yet, even as technologies become more consolidated and corporatised, the efforts of people who fight to keep the internet free, open and empathetic are what make it worth maintaining.

The unsupervised, uncontrolled, and The unsupervised, uncontrolled, and weaponised use of misinformation for political segregation, profiled targeting, incting hatred, and creating conditions of deep uncertainty were visible throughout the year. It is impossible to point fingers at just one source or bad actor because we have witnessed an entire ecosystem of misinformation forming in the country. Significant work has been done by fact-checking communities, the unsung heroes diligently fighting these misinformation attacks. However, we are left with a naturalised misinformation baseline that particularly targets women, non-conforming ticularly targets women, non-conforming people, and minority communities in dis-proportionate ways. In 2025, we can only

people, and minority communities in disproportionate ways. In 2025, we can only
hope that the pioneering work started by
the amazing information warriors, who
have shown that human collectives are essential to counter Al-driven misinformation, will continue to grow.

Generative AI is the elephant in
the room, where no matter what we
talk about, we eventually talk about
the disruptions and affordances it has
been bringing in. This is an emerging technology and we will have to live through the
futures it is foretelling. While it is impossible to figure out what will persist, the one
thing to look out for is the localisation of
technologies. For the longest time, the digtial divide has been exacerbated by language divides. While many other populous
language groups have successfully created
local language internet spheres — think
about the Chinese and Spanish internets,
for example — India has lagged in developing local internets. Partly, this has been because of varying literacy levels, partly because of the linguistic diversity of the
country, and partly because of the reluctance of corporations who do not cater to
smaller language communities because
they are not considered profitable. With tance of corporations who do not cater to smaller language communities because they are not considered profitable. With Generative AI, the leaps we have made in simultaneous multi-language translation are incredible. GenAl language apps are ex-panding and supporting the phenomenal work of Open Knowledge champions and collectives like Wikipedia, This brings forward the possibilities of localising tech-

ward the possibilities of localising technologies and enabling more people to find a voice online.

The next trend that is worth recognising is the emergence of universal access in the country. This does not feature immediately in the imagination of the glossy, consumerist, big-tech internet stories we are used to, thowever, the consistent expansion of digital access, and India's rise in network readiness, found fruition in 2024. For those of us who remember the struggle to preserve net neutrality in the country without sacrificing universal access, 2025 will be the year that proves the two can co-exist. As more Indians in rural and disconnected parts come online, as India continues to offer one of the most competitive and asfordable rates of digital access, and as we build more community-driven hubs, there is hope for more equitable social and economic structures for mobility and development.

And if there was ever something more to look forward to, it is you, the people. 2024 in tech was also a year of people using tech. More than ever before we are online, connected, talking to each other. There are continued assaults on our collective imagination and power. Yet, even as technologies become more consolidated and corporatised, the efforts of people who fight to keep the internet free, open and empathetic are what make it worth maintaining. Perhaps 2025 would turn out to be the year where we learn to care not only for the people around us, but also those far away facing genocide, violence and hate. One can only live in hope.

In this new year, I hope that we continue to focus on establishing digital infrastructures as fundamental rights, offering opportunities and safeties to marginalised and first-time-users to participate in our digital futures.

digital futures.

The writer is professor of Global Media at the Chinese University of Hong Kong and faculty associate at the Berkman Klein Centre for Internet & Society, Harvard University, USA

The year she stole the show

2024 was a landmark for women's voices in film. 2025 holds the promise of diversity and representation becoming features of our cinema, not just trends



KIRAN RAO

"MEN ACT, AND women appear. Men look at women. Women watch themselves being looked at." Perhaps John Berger's famous argument in his book Wuys of Seeing (1972) was finally tested in India in the exciting year that was 2024. For it has been a landmark year for the voices of women in film, voices that have risen to the forefront, pushing bound-aries with their unique perspectives and creating compelling narratives that have captivated audiences and critics. From the critical acclaim of Grist Will Be Gir's by writer-director Shuchi Talati, which kicked off the year in January, to the incredible path-breaking success of Payal Kapadia's Mi We Imagine as Light — which continues to resonate well into this year — 2024 marked an extraordinary wave of women in Indian cinema. The achievements this year of filmmakers such as

women in Indian cinema. The achieve-ments this year of filmmakers such as Anupama Srinivasan (co-director of Nocturnes), Sandhya Suri(writer-director of Nocar-shortlisted Santosh), Lakshmipriya Devi (writer-director of Boong), Rima Das (writer-director of Village Rockstar 2), Reema Kagti (director of Superboys of Malegaon), Arati Kadav (director of Mrs), and many others, have further underlined that women filmmakers are not only help-ing shape Indian cinema, but they are also defining its future on the global stage. Their ability to craft authentic, thought-provok-ing stories showcases the diversity of Indian cinematic voices. And I think that these ac-complishments represent an occasion for celebration and contemplation. Ever since the birth of the cinema indus-try in India over 100 years ago, women have

try in India over 100 years ago, women have occupied positions of varying influence but have never monopolised the spotlight as occupied positions of varying immunetic bit have never monopolised the spotlight as they have this year – as writers, actors, producers, directors, cinematographers and more. Special mention must be made of Sneha Desai (co-writer of Langutan Ladies and Maharaf), Ishita Molitra (creator and co-writer of Call Me Bae), producer Joyli Deshpande (president of Media and Conterl Business at Reliance flustriset Lid.), Aparna Purohit (chief executive officer of Aamir Khan Productions), actors Kani Kusruti, Anasuya Sengupta, Shahana Goswami, Chhaya Kadam, Nitianshi Goel, Pratibha Ranta and Parvathy, cinematographer Shreya Dev Dube and so many more who have pushed the envelope for all of us. The success of Kapadia and her film deserves every celebration, as does Guneet Monga's journey to the Oscars with Anuja (co-produced by Monga, it is shortlisted in

(co-produced by Monga, it is shortlisted in the Live Action Short category) and



Sandhya's with Santosh, shortlisted in the International Feature Film category at Oscars 2025. Here's hoping they all bring home even more glory. Their achievements reflect the importance of representation and the power of their voices, not just in terms of gender but in creating opportunities for unique narratives to flourish. I am also particularly grateful for the opportunity to pitch Lapatata Ladies on a global stage, well after all the love the film received from audiences at home. While we didn't make it to the end, we gave the journey our very best, pushing boundaries and finding new paths, as those before us did.

As we step into this new year of possibilities, the challenge ahead is not merely about replicating the success of 2024 or the years gone by but also about ensuring that these achievements are sustainable and lead to an on-ground change in the indus-

Sandhya's with Santosh, shortlisted in the

these achievements are sustainable and lead to an on-ground change in the industry. To make the triumphs of 2024 a long-term reality, some challenges must be overcome: That of creating an enabling environment where both emerging and experienced filmmakers — especially those from underrepresented groups like women — have the infrastructure and support they need to thrive.

—have the infrastructure and support they need to thrive.

The success of any cinema industry cannot be defined solely by the number of films showcased at international festivals or the box-office success of big-budget films. It must also be defined by the inclusivity of its narratives and the diversity of the people telling those stories. The industry must actively work to foster inclusivity, which is the hallmark of a robust and vibrant film eccesstem. In this reveal (undo s. to Richa) reconstruction of a robust and viorant film ecosystem. In this regard, kudos to Richa Chadha and Ali Fazal for their initiative in setting up the Undercurrent Lab to intro-duce more female gaffers to the industry.

and — most important of all — the Womer in Cinema Collective (WCC) for their re-

and — most important of all — the Women in Cinema Collective (WCC) for their remarkable and sustained work towards creating a safe and equitable workspace for women in the film industry. There is hope that initiatives like these will inspire the change that we deserve: Change that starts as a delicate ripple and then gathers the force to reshape the world.

Looking ahead, 2025 already holds immense potential — not only for homegrown box-office successes but also for pushing the boundaries of Indian cinema and expanding its global market and influence. The year is poised to begin with a bang as the Marathi film Sabar Bonda competes at the prestigious Sundance Film Festival. Soon after, the Rotterdam International Film Festival will showcase films like Bad Giri and The Pupper's Dai in competition, while Palm Springs will feature Bun Tikki and Headhunting to Beathowing. The Berlinale, one of Europe's most revered film festivals, one of Europe's most revered film festivals, will continue to highlight Indian talent with

ting up the Women in Film chapter in India

will continue to highlight Indian talent with Rima's Village Rockstars 2. I am filled with optimism — not only for the stories that we will tell but for the craitve and collaborative community we will continue to build. Here's hopping that in 2025, we reflect on the successes of the past year and learn from them that diversity of voices and greater representation become embedded features of our industry and that we are able to create environments that allow the traditionally underrepresented to thrive. These are not meet remds to look forward to but changes that must take place if the future of cinema in this country is to remain vibrant.

The writer is a filmmaker

5 FRAMES, A STORY

As we step into this new year of possibilities, the challenge ahead is not merely about replicating the success of 2024 or the years gone by but also about ensuring that these achievements are sustainable and lead to on-ground change in the industry. To make the triumphs of 2024 a long-term reality, some challenges must be overcome. That of creating an enabling environment where both emerging and experienced filmmakers – especially those from underrepresented groups like women — have the infrastructure and support

pandemic, it is all the more important to get things firmly back on track. Ensuring that schoolchildren receive their books promptly can lay the foundation for a strong academic year ahead."

—THEDAILY STAR, BANGLADESH strong academic year ahead."

In search of returns

From FPI flows to stretched valuations, issues the markets will face this year

India Inc. will have to carry

the burden of expectations by delivering better earnings

governance. Considering slowing global and domestic growth, 2025-26 earnings

expectations will have to go down. As long as investors

feel that any disappointment in earnings

is a short-term deferment valuations can be sustained.

growth and corporate



NILESH SHAH

IN THE LAST five years, equity returns have IN THE LAST five years, equity returns have been broad-based and exceptionally high, especially in small and mid-caps. Almost a four-fold jump in profits between 2020 and 2024 supported the broad-based rally. A lower base due to the below-par return in the preceding 10 years also helped generate higher returns. Loss-malding sectors like PSU banks, telecorn, and oil marketing companies that were turning profitable helped make the big jump. Local investors have used every opportunity, including heavy selling by FPIs — October 2021 to june 2022 and October to November 2024 — to increase their equity allocation, Regular supply from promoters and IPOs haven't deterred their appetite, in such a strong flows-driven their appetite. In such a strong flows-driven meri appetite. In such a strong Bows-driven market, it is natural that there are some excesses. Some stocks with controlled/low-float are trading well above their fair value. Some stocks are valued at exceptional future performance or, as we call them, price to vision. Some IPOs have happened at a valuation higher than the valuation of existing listed companies. These are built market excesses, which do get sorted out over time. While it is difficult to predict the future, it is rational to expect that the following five factors will need to be monitored in 2025.

Investor confident about India's growth story. Unlike in the past, it is backed by strong lower than the companies of the properties of the pro market, it is natural that there are some ex-5 MOVERS, MARKETS

it is backed by strong leadership at the country and corporate lev-els. India is likely to re-main the

eds. India is likely to remain the fastest-growing major economy for some time, growing at midsingle digits. The case of India allocation efficiency of India Inc. is expected in a higher return on equity/capital. Investors will be confident of double-digit growth if India implements next-generation reforms like more straightforward land acquisition, flexible labour laws, and the rule of law, India must aim to be richer before it gets older. Our window of opportunity is gets older. Our window of opportunity is short. The world is changing from globalisa-tion to protectionism. From Unipolar (US-centric) to Multi-polar (US and China). From excessive to adequate liquidity. From zero/low interest rates and low inflation to elevated rates and high inflation levels. From ignorance of environmental norms to

ignorance of environmental norms to awareness of environmental conditions. Unlike China, whose growth had tailwinds of globalisation, India will have to grow in the headwinds of globalisation. The disrup-tion unleashed through technology can be-come our headwind or tailwind depending upon how we master it. Return expectations: 2025 will likely be ayear of significantly lower returns than the last five years. The range of returns will be narrower between large, mid- and small caps, with the risk-return ratio favouring large caps. Sector rotation and stock selec-tion will be key as the market rally narrows and moves across sectors and stocks. Bruised

bluechips, reasonably valued stocks/sectors like Pharma, IT, telecom, rural consumer sta-ples and financial services are likely to out-perform momentum stocks. Some stock

ples and financial services are likely to out-perform momentum stocks. Some stock pricing in exceptional future performance will likely face a reality check when the bus-den of profitable growth starts weighing on the fund flows. Keep an eye on insider activ-ity, especially at these counter interprist lindia. They are buyers one month and sellers an-other. Markets weaken when FPs sell ag-gressively. FPIs are underweight in India. While they can justify the underweight based on valuation, it will be challenging to ignore the long-term growth potential. Marny peers of India are scoring self-goals. Russia is out of bounds due to the Ukraine war. Brazil is losing favour due to commu-nist policies. South Africa is in social turmoil. Under President Donald Trump's adminis-tration, China and Taiwan will have high un-certainty. Ofter emerging markets like Argentina, Vietnam, Indonesia and Saudi Arabia, etc., are not large from an investor's point of view. As long as our growth and gov-ernance are compelling to PFIs, they will likely be buyers at lower levels. Markets can spike up in case PFIs turn aggressive buyers emance are compelling to FPIs, they will likely be buyers at lower levels, Markets can spike up in case FPIs turn aggressive buyers as no one gives easy entry to an aggressive buyers as no one gives easy entry to an aggressive buyer. The Indian market is easy to exit but difficult to enter.

Regulatory measures: Our markets will react to regulatory measures. Any change capital gains taxation, increase in equity allocation from persion, increase in divestment supply, fair implementation of ESC norms, etc., will impact our markets. Trump's anouncements will add its share of regulatory measures that the market will have to deal

ket will have to dea with. Undoubtedly America First will beth cornerstone of their policy. The DXY has become stronger on ex-pectations of such poli-cies. India must convince the US that a

convince the US that a partnership will create a win-win situation. The US has improved the control of the use vth in India, Realisation by the US and shift from China to India will benefit ou

economy and market. Valuation: India Inc. will have to carry the burden of expectations as reflected in our premium valuation, by delivering bet-ter earnings growth and corporate goverter earnings growth and corporate gover-nance. Despite subdued growth in the sec-ond quarter of 2024-25, earnings expectations for the full year are likely to be met. Considering slowing global and domes-tic growth, 2025-26 earnings expectations will have to go down from high to bow teens. As long as investors feel that any disappoint-ment in earnings is a short-term deferment, valuations can be sustained. Our markets are a long-term value cre-ator and every correction will be a great opportunity to enter with moderate return expectations.

great opportunity to return expectations.

The writer is MD. Kotak Mahindra AMC

A leader's task

5 TIPS, POLITICS

to redefine its position on secularism — not merely in terms of Hindu-Muslim

the misuse of religion in

targeted lynching of

Muslims and 'bulldozer justice' yet, there is a need to

have a principled position on Muslim presence in India.

What Rahul Gandhi needs to do in 2025 to build on his popularity

RAHUL GANDHI'S EVOLUTION as Leader of RAHUL GANDHI'S EVOLUTION as Leader of Opposition (LOP) has been remarkable. He made a serious attempt to establish a link be-tween the Congress party and civil society. The Bharat Jodo Vatras were the most important political outcome of this initiative and played Bharat Jodo Yatras were the most important political outcome of this initiative and played a crucial role before the Lok Sabha elections. The Congress manifesto managed to incorporate many of the issues which Gardhi and his fellow travellers discovered in those yatras. This creative process transformed the party manifesto into one of the most powerful political documents of this decade. Even BiP leaders, including Prime Minister Narendra Modi, recognised the potential of the Congress manifesto to reorient BJP's electoral campaign. The CSDS-Lokniti pre-poll survey 2024 had also shown that Gandhi's popularity as a serious challenger increased in this period. Around 27 per cent respondents across India claimed that they would like to see him as the next PM. Although Modi was the most preferred face for JM (47 per cent₂) one cannot underestimate the growing popularity of Gandhi.

Political developments post the Lok Sabha elections were, however, quite different. Despite gaining support from various sections, the Congress could not form the government in Haryana. The political alliance with different natries in Mahazasthrat din or movelle in transition.

in Haryana. The political alliance with differ-ent parties in Maharashtra did not go well either. The INDIA alliance has not yet evolved into an effective electoral coalition so far; and into an effective electoral coalition so far, and there is growing unease among powerful re-gional players. These show that Candhi's im-age as "the" leader of the Opposition has been open to challenges in the last few months. So, what went wrong? Broadly speaking, there are at least five as-pects of opposition politics which require a careful analysis – ideas, identities, institutions, infrastructure, and instruments. A critical as-sessment of these aspects will show where

Gandhi stands and what he needs to do.

Ideas: It is important to remember that
Rahul Gandhi was instrumental in introducing a new narrative of ryoy or justice in recent
years. That might be the reason why the
Congress's manifesto was called the Nyay
Patra. Unlike the exclusively caste-centricsocial justice politics of the 1990s, this has so far
tried to establish a link between caste-based
exclusion and economic exploitation. The
Congress has emphasied on the Nar Sankalp
economic policy which focuses on work,
wealth, and welfare. At
the Sankalp and the Sankalp
economic policy which focuses on work,
wealth, and welfare. At
the Congress has emphasied the
need to have a more inbranded from that
matter Gandhi, has been
posing a serious challenge to what I call the
charitable state modelof
the BJP. Rahul Gandhi's
article in this newspaper

(7 New Deal for Indian)

article in this newspaper ('A New Deal for Indian Business', IE, November 6) was an elaboration of this line of thinking. It shows that he has evolved as a "thinking politician" who can offer a cost of construction per

politician" who can offer Muslim prese: a set of constructive resolutions while challenging the structural problems inherent in the political economy of the country. Interestingly, however, this "creative thinking" has not translated into any constructive political programme so far.

Identities: The question of identity is slightly different and more demanding. Rahul

Gandhi, like other Opposition leaders, is keen to assert his Hindu identity to destabilise the BJP's criticism of secularism Ir makes sense as a political strategy. However, the Congress is almost reluctant to redefine its position on secularism — not merely in terms of Hindu-Muslim relations, but also regarding the misuse of religion in politics. Of course, the party has raised the issue of targeted lynching of Muslims and "bulldozer justice" yet, there is a need to have a principled position on Muslim presence in India. It is expected of Gandhi that

is expected of Candhi that he address the Pasmanda Muslims' assertion in its entirety. After all, the Pasmanda movement is not merely about Muslim reservation; it questions the economic injustice and so-cial exclusion of deprived and marginalised sections among Muslims. It fits well within the framework of his mynd discourse. Congress is almost reluctant relations, but also regarding politics. Of course, the party has raised the issue of

nyay discourse.
Institutions: That
Rahul Gandhi has transformed the Constitution into a political object is a significant move. However, the politics of the Constitution cannot

ce in India. the Constitution cannot become effective if it is constructive politics of institutions. The Congress, for some reason, has not used Parliamenta an important institutional site on make its presence felt. Even his interventions in Parliament as emt to be guided by media considerations. As an intelligent LoP he needs to reast a blastop between constructive pro-

posals offered during the legislative proceed-ings and performative acts outside Parliament. Infrastructure: There is a serious imbal-ance between the discourse of nyay propa-gated by Rahul Gandhi at the national level and its acceptability as an ideology by grass-roots Congress workers. The party infrastrucand its acceptability as an ideology by grass-roots Congress worders. The party infrastruc-ture at the state level is yet to be revived. Congress's regional leaders find it difficult to speak a coherent political language which resonates with the concern sraised by him inhis speeches and yatras. There are two rea-sons behind it, First, the party has not made any effort to reorganise itself at the regional and local level. Second, the top leadership has failed to establish a model which makes Congress a distinctive national party. As a re-sult, there is no connection between the elec-tioneering process and the revival of Congress's organisation. Instruments: Rahul Gandhi's close asso-ciation with civil-society groups has certainly empowered him to learn a new language of alternative politics. His yatras were also framed as a non-electoral effort aliming to create a cohesive and inclusive social order.

create a cohesive and inclusive social order. In this sense, the yatras became an effective trument to carve out a distinctive space instrument to carve out a distinctive space for the Congress. However, no attempt has been made to rationalise these alternative civil-society instruments in the sphere of electoral politics. This is not an easy task. Competitive electoral politics has lost its moral value and linking it to civil society-oriented moves such as Bharat Jodo or Nyay Yatras requires serious creative thinking. Rahul Gandhi, and for that matter, the Congress must give thought to this. After all, success in politics depends on the efficacy of instruments and their rigorous refashioning.

LETTERS TO THE EDITOR

FOR REGIONAL PEACE

THIS REFERS TO the editorial, 'A crisis to the West' (IE, December 30), Palcistan's cross-border airstrikes in Afghanistan have not violated sovereignty and wors-ened relations between the Shehbaz Sharif government and the Taliban. This is in the aftermath of Pakistan accusing the Taliban of sheltering outlaws while ignoring its own record. Cross-border trade and the free movement of people in a peaceful environment will benefit all countries.

THE OLD GUARD

THIS OLLY GUARANTHIS REFERS TO the report, Drawnto defeat" (IE, December 31). India's crushing defeat in the Boxing Day Test has once again exposed deep issues: Batting collapses, missed chances, and questionable decisions. The most pressing concern lies with senior players Rohit Sharma and Virat Kohli, whose recent struggles raise

e question: Is it time for India to mak the question: Is it time for many or name tough decision? Sharma's performance in this series has been dismal. Kohli, while having a more respectable return, has also lost his edge. When players fail to meet standards, it's time to reassess. Sanjay Chopra, Mohali

HOLISTIC LEARNING

THIS REFERS TO the article. The crisis of history' (IE, December 31). Democracy can be strengthened in India only by racan be strengthened in India only by a-tional citizenry holding mutual dreams of national progress. India has a large population, with the young constituting the majority. Mobilising the demo-graphic dividend has always remained a challenge for India. Rewriting history books has been the most important pre-rogative of the current government, which is detrimental to understanding our past, biases aside. If history is writ-ten holistically, it will create a country of non-judgmental and critical thinkers. Valbhav Goyal, Chendigarh www.dailypioneer.com

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-PAPER WITH PASSION-

Country shamed

The victim blaming and procedural lapses in the Anna University rape case underscores the urgent need for reform

ne recent sexual assault case involving a 19-year-old student at Anna University has once again brought shame upon the nation, highlighting the pervasive nature of gender-based violence and the systemic failures in addressing it. The horrifying incident, compounded by the insensitivity of law enforcement, has triggered wide-spread outrage and calls for accountability. On December 23, Gnanasekaran allegedly raped the student on the university campus after threatening to release videos of her. The accused confined the survivor for over an hour and recorded the assault. While the Chennai Police Commissioner, A Arun, claimed swift action by apprehending the accused within 24 hours, the Madras High Court highlighted glaring lapses in the police's handling of the case. Particularly damning was the revelation that the First Information Report (FIR) published on the police website disclosed the victim's details, leading to further victim shaming and mental agony. The High Court's rebuke of the police was

scathing. A Bench of Justices SM Subramaniam and V Lakshminarayan criticised the language used in the FIR, terming it misogynistic and reflective of victimblaming attitudes. Such lapses, the Court noted, breach the victim's fundamental rights under Article 21 of the

Constitution, which guarantees dignity.
To address these lapses, the Court ordered the formation of a Special Investigation Team (SIT) comprising senior IPS officers to probe the case. It also directed the Tamil Nadu government to provide interim com-pensation of Rs 25 lakh to the victim and ensure her protection. The Court has rightly underscored the

necessity of sensitising police personnel to handle such cases with empathy and professionalism. This case is not an isolated incident but a grim reminder of the larger problem of sexual violence that plagues India. Despite constitutional guarantees of equality and dignity, women continue to face systemic discrimination and violence. The societal tendency to blame victims, coupled with institutional apathy, exacerbates their trauma. The High Court's poignant questions — "Why can't a woman walk freely, dress as she wishes, or speak to a man without being judged?" — resonate deeply in a society still grappling with entrenched patriarchy. The Court rightly emphasised that the onus is on the State and society to protect women without perpetuating stigma or blame. The incident also exposed lapses in campus security at Anna University. The university, which allows unrestricted access to outsiders, failed to prevent the accused from entering the premises. The police's approach also came under scrutiny for prematurely ruling out the involvement of additional suspects. The Court directed the State to examine whether rules were violated during these proceedings. This tragic case underscores the urgent need for systemic reforms. Law enforcement must be trained to handle cases of sexual violence with sensitivity. The media, too, must exercise restraint in reporting such cases to avoid amplifying the victim's trauma.



India's forest cover grows, but grim realities linger



COTA SRIBAJ

While India's State of Forests Report highlights an increase in forest cover, it also raises concerns about troubling trends such as increase inforest fires and allegations of inflated data

ndia's State of Forests Report
(ISFR) 2023, a biennial
report published by the
Forest Survey of India (FSI)
of Environment, Forest, and
Climate Change is finally out after
a delay of almost one year. The
report is being halled as a harbinger of good news as it announced
an increase in India's forest and
tree cover by 1,289 Sq.km. since
2021 reaching 25.17 per cent of
the total geographical area in
2023, which puts India's forest
cover at 7,12,542,61 sq.km. But
the report also highlights some
grim aspects of India's state of
forests.In the recent past, the
incidence of forest fires has disturbingly gone up, especially in dia's State of Forests Repor

incidence of forest fires has dis-turbingly gone up, especially in the hill state. These fires have destroyed many hectares of dense forests thereby ruining fragile cosystems and irreplaceable Himalayan biodiversity. The ISF report echoes the same and observes a sharp spike in for-est fires especially in the moun-tain states of Himachal, Uttarakhand, and Jammu and Kashmir. The data collected using the Visible Infrared Imaging Radiometer Suite (VIIRS) pre-sented in the report, showed that sented in the report, showed that Himachal Pradesh witnessed an Himachal Pradesh witnessed an increase of forest fires by a stunning 1,339 per cent, while Jammu & Kashmir saw a rise in forest fire by a staggering 2,822 while Uttarakhand was relatively better off with 293 per cent rise in forest fire incidents. What the government was doing as the pristine forests turned to ashes, is a burning a westion. On the other government was doing as the pristine forests turned to ashes, is a burning question. On the other hand, the report also highlighted the rapidly divindling forest cover. Between 2003 and 2023, more than 24,000 sq km of dense forests — half the size of Punjab — have disappeared. More concerning is the fact that the loss has occurred in ecologically fragile zones such as the Western Ghats and The Nilgiris over the past decade. The Western Ghats recognised as UNESCO World Heritage Biodiversity Hotspot suffered an overall loss of \$8.25 sq km in forest cover. On the other hand, the Nilgiris reported the steepest decline of 123 sq km. The proport also showed a decrease of 327.30 sq km in forest cover in the northeastern region. This irre-



DIVERTED FOR DAMS, ROADS, RAILWAYS AND OTHER SUCH PERMANENT CONSTRUCTIONS OVER TIME ARE LOST FOREVER BUT ARE NOT DELETED FROM RECORDS, THUS INFLATING THE FIGURES. INDIA LOST

afforestation efforts. But this year's report has been criticised by experts who have pointed out discrepancies and have labelled the data as "inflated." Several experts for instance have criticised the inclusion of bamboo plantations, coconut groves, and orchards among others as part of the forest cover, as these are agnoforestry-related and make no meaningful contribution towards the environment. 30,808 SQ KM OF OPEN AND SCRUB **FORESTS** ful contribution towards the environment.

The experts opine that the inclusion of agroforest plantations such as rubber, eucalyptus, acacia and mango, coconut, areca nut and shade ALONGSIDE 14.073 SO KM OF MODERATELY DENSE **FORESTS** trees in tea and coffee planta-tions has led to the inflation in

the tree canopy to 1.289 sq.km. But the reality is that these cat-egories of trees are grown for commercial purposes and are harvested in time therefore not providing any ecological value for biodiversity, wildlife con-servation or acting as effective carbon sinks. Moreover, the fact that the report does not establish a correlation between forest areas or areas designat-

establish a correlation between forest areas or areas designated as forests in government records and forest cover also adds to the problem. Additionally, the experts also observed that the report failed to comply with the Supreme Court order in the Lafarge case which called for digitisation of forest maps, geo-referencing of Recorded Forest Areas (RFA), and documentation of diversel and documentation of the other controls of these elements weakens the

ed forest lands. The absence of these elements weakens the report's credibility. Forest lands diverted for dams, roads, railways and other such permanent constructions over time are lost forever but are not deleted from records, thus inflating the figures. India lost 30,808 s µkm of open and scrub forests alongside 14,073 s q km of moderately dense forests and 1,816 sq km of dense forests and 1,816 sq km of dense forests to 'non-forest' uses.

By the looks of it, the ISF by the looks of it, the ISF report 2023 seems to be in a hurry to increase forest cover in India. At least on paper. This could be to do with India's tar-get of increasing its forest and tree cover which can absorb an additional amount of 2.5 bil-lion to 3 billion tonnes of car-bon dioxide equivalent by

2030.
The government could have done well to ensure the presentation of accurate data that was based on actual tree census and not plantations, groves, and orchards. The government should have also removed those forest lands from its database that have been permanently diverted for non-forest purposes. The ISF report has immense significance for India as it is widely used as a primary information source by the central and state governments. Additionally, forestry professionals of State Forest Departments rely on the report for the effective discharge of their responsibilities. The inputs and data provided by this report regarding forest resources of India help in the evaluation and formulation of forest-related policies, programmes, and legislation. Given the crucial role played by the ISF report, the government trust revisit the recent report and ensure that the questions and doubts raised by experts are effectively addressed. The nous is on the government to keep the trust intact by releasing reports based on robust and accurate data.

(The author is a policy analyst. The views are personal)

The teachers who shaped my life: Lessons beyond the classroom



For me, the journey of learning began in classrooms with inspiring teachers and extended into workplaces with exceptional bosses

while we learn something from each per-son, many teach us invalu-able lessons that help us able lessons that help us navigate the rough and tumble of the daily grind. These are the teachers who shape our lives. The earliest I remember are two school-teachers from my classes 5 to 7. Miss Kumar taught us English; Miss Singh was the Arithmetic teacher. It is no wonder that I developed a liking for the unlikeliest combination of English and Maths. Another was my mathematics teacher from

mathematics teacher from classes 10 to 11.

mathematics teacher from classes 10 to 11.

I was a favourite student, probably because I could discuss with him complex problems on the more while cycling to and from school. My love for communication and thinking on my feet were firmly entrenched in my psyche by him. In later years, I could not have navigated my professional journey but for the few outstanding bosses, I worked with. I joined my first job in a leading government manufacturing company, I stayed there for a year, only for the



training. It seemed like an extension of college except that we were now paid a salary and were expected to lead a structured office life. I opted to spend the last few months of the training in the computer department. I surprised myself. This was one of the two subjects in college in which I had secured a poor 'D' grade. I developed a computer-based inventory management system for the plant, the first in the organization. I worked diligently, probably also committing a few mistakes, confident of the support of my Bengali boss. I joined the railway services. It was an entirely different ball game. I was the head of a training. It seemed like an extension of college except

maintenance shed with 1000+ staff working under me. My boss went to the shed with me for the first week. The next week, he threw me, not in the swimning pool, but in the ocean. It was training by fire. Yet, he was always there to guide and support me whenever I needed his help. The innumerable management lessons I learned in my first year were to hold me in good stead during my remaining professional journey of almost three decades. After 20 years of service with the railways, I decided to opt for retirement and join a govretirement and join a gov-ernment company. My boss was a soft-spoken Sikh gen-

was a soft-spoken Sikh gen-tleman.
He also shared a common trait with my first railway boss. It was a complete free-dom to operate.
He taught me everything that he knew about a new subject. His only demands were integrity and honesty. I had no problems with that. He would fight fiercely for me with his seniors if the sit-uation demanded. I never regretted my decision to leave the railways. I quit the government to Join the pri-

Official DOSSCS

vate sector. It was a new jungle for me.

The boardroom politics, criticism of a subordinate by those sitting at the head of the table in stage-managed whispers loud enough to be heard by the intended victim, and smirks by colleagues at the snub by a senior, were only a few of the goings-on I had not witnessed in the government sector.

I had no hesitation in men tioning to a packed audience when asked about the rea when asked about the rea-sons for the success of the government sector, 'Good bosses, who value others and mentor each individual like a teacher," I hope that someone else remembers me as fondly. These words by an unknown author resonate with me, "I was born to inspire others, to change people, and to never give up; even when faced with challenges that seem impossible."

with challenges that seem impossible."
(The author is an electrical engineer with the Indian Railways and conducts classes in creative writing views are personal)

LETTERS TO THE EDITOR RELIEF FOR MIDDLE-CLASS

of forest cover in the hills. <
The maintenance of the soil health, ecological stability, and ability to counter landslides and floods depend on adequate forest cover in the hills. The biennial ISF report has since its inception in 1991 served as a reference point for the nation to assess its forest wealth and understand the problems plaguing India's afforestation efforts. But this wear's report has been criticised

RELIEF FOR MIDDLE-CLASS

Madam — As the new year approaches, salaried employees are likely to face significant tax deductions from their salaries for the financial year 2024-2025. While taxes are deducted throughout the year, the months leading up to March 2025 will see an increased burden, further aggravating the financial challenges of Indias middle class. Reduced take-home pay diminish-es purchasing power, leading to decreased spending by the salaried class, which, in turn, impacts the economy.

Considering these challenges, the government is reportedly exploring measures to boost consumer spending. One such measure under consideration for the financial year 2025-2026 budget is making personal Income up to Rs 15 lakly per annum tax-free. Speculations suggest that the government is actively working in this direction, and the decision on tax cuts in the upcoming budget appears almost certain. Taxation is currently governed by two systems: the old tax regime (OTR) and the new tax regime (NTR). A reduction in tax liability would particularly benefit salaried employees, increasing their disposable income. This would lead to higher consumer spending, ultimately helping the economy recover from its slowdown. For the financial stability and development of middle-class families, the central government's decision to make personal income up to Rs 15 lakh per annum tax-free in the 2025-2026 budget is crucial. This move would play a vital role in ensuring better financial planning and stability for the middle class. financial planning area some dle class. **Dattaprasad Shirodkar** | *Ponda*

PROFIT OVER HUMANITY

Madam — The article on caring for the stars and being careless to earth (December 30) presents worth considering arguments. The basic problem lies in the economic order in vogue in most parts of the world. The essence of the order is commodifying everything and chasing profit in every activity. In the process, small players are being gulped by the big

Koneru wins World Rapid Chess Champion

the recent chess title victory by Koneru Humpy as World Rapid Chess Champion is another feather in India's Chess success. We all know that the year 2024 has been a marvellous year for India, particularly as we successfully managed to lift so many titles in the sport of Chess. The grit and brilliance of

fish to monopolise the field and then search for opportunities elsewhere with the State's help to emerge as an imperial force is the basic activity found all over. Leaving millions of people to starve to enrich the minuscule super-rich is the pri-oritised programme of the order in vogue.

Instead of political force deciding the economic course it is the economic force that instead of political course. The political course it is the economic lorce that decides the political course. The political of the governments are designed to favour this ultra-rich section. If policies are not changed to its favour, the giants are capable of changing the government itself. Poverty, climate-related hostilities and human destruction due to induced and perverted conflicts between nations, faiths, races and the greedy groups are simply the fallouts of the empirical power money has gained over the human being instead of helping its inventors. Caring the stars and other planets while being cruel to fellow beings struggling around us is like searching for fuel sticks in a desert lot. Course change is imminent.

A G Rajmohan | Anantapur

Indian Chess Champions has marvelled the entire world, be that the moment of India becoming the FIDE Chess Olympiad 2024 winner in Budapest, D Gukesh becoming the World Chess champion at the age of 18 in Singapore, and now Ms Koneru Humpy clinching her second FIDE World Rapid Crown in New York. This year in 2024 particularly, India spent a considerably wonderful time at the podium top stairs, enjoying many titles and trophies.

The chess prowess of Indians need no introduction today, thanks to our chess masters and grandmasters. Especially the young chess players deserve the epitome of appreciation for their wonderful game spirit, patience and sincere grit behind every move of check and mates.

Kirti Wadhawan | Kanpur 1801 | Sanpur 18

INDIA'S LIBERALISATION ARCHITECT

INDIA'S LIBERALISATION ARCHITECT
Madam — From being an economist of
great repute to RBI Governor, Deputy
Chairman of the Planning Commission,
Finance Minister and then becoming
Prime Minister of India, not many can
walk in his shoes. When the economy
was stuttering and license raj was the
order of the day and there was a suffocating environment for industrialists, Dr.
Manmohan Singh became the architect
of liberalisation in 1991 along with late
PV Narsimha Rao, who allowed our
country to take a great leap forward.
The Victor Hugo moment of our 1991
budget was doctored by him, which led
to India emerging as an economic powerhouse. He may have been called an
accidental Prime Minister but during
those 10 years at the helm he did his job accidental Prime Minister but during those 10 years at the helm he did his job with aplomb under the given circum-stances of compulsions of coalition pol-

Bal Govind | Noida

Send your feedback to: letterstopioneer@gmail.com





LOOKING BACK

2024 has been marked by many feats... We are determined to work even harder in 2025 and realise our dream of a Viksit Bharat

Audit needs to be proper

Global investors will look for transparent accounting, best practices are a must

 $\label{eq:helmont} \textbf{HELASTCOUPLE} of years have seen the National Financial Reporting Authority (NFRA), the audit watchdog born in 2018, getting its$ act together with a keen sense of purpose and apparent determination. This is consistent with the need for a qualitative improvement in India's audit systems and processes, and to move in synchrony with the constantly evolving global standards. As the NFRA has put its foot down and widened the scope of inspections, however, a host of controversies too have erupted, which refuse to die down easily. While the demarcation of the

and winched the scope of inspections, nowever, a not of commoverses too have erupted, which refuse to die down easily. While the demarcation of the mandates of the Institute of Chartered Accountants of India (ICA), the statutory body regulating the CA profession, and the NFRA was thoroughly debated during the formative period of NFRA itself, and defined with reasonable clarity, the "furf conflicts" weren't to end soon.

According to recent reports, solicitor general of India Tushar Mehta has stated, in response to opinion sought by the NFRA, that the ICAI doesn't have the power to issue standards on quality management (SQMs) for accountancy firms, or introduce consequential changes to audit norms. The SG's clarification reinforces the position that the ICAI is not only not empowered to issue "audit standards" on its own, but it can't all alone publish SQMs, which encompass auditing and all services rendered by accountancy firms. Going by the SG's view, the two new quality management standards — SQM and SQM2 — for auditors issued by the ICAI on October 1.4 may not be legally tenable. Put plainly, Section 143(10) of the Companies Act empowers the government to prescribe audit and audit-related standards, based on the ICAI's recommendations, but subject to consultations with and review by the NFRA, Ofcourse, until the Centre notifies these standards, those specified by the ICAI will remain recognised; that is, the ICAI's absolute powers in this by the ICAI will remain recognised; that is, the ICAI's absolute powers in this regard are "transitory" in nature, and can't be invoked afresh. The ICAI's understanding of the CA profession and practical issues faced by the community of accountants is much better than that of anyone else. But

in the current debates, it is indeed caught on the wrong foot. It is undeniable that sufficient SQMs at the level of audit firms are fundamental to the quality of auditing, as much as the standards per se. Similarly, as regards auditing standards SA600, the ICAT's view that auditors operating at the parent company level could be content with the component auditors' reports while vetpany level could be content with intercomponent auditors reports while ver-ting the consolidated financial statements of corporate groups, defies logic. Many of the large accounting frauds and fund diversions reported in the country have seen either complicit involvement or deft use of subsidiary firms. It is vital for the group auditors to sit together with the component auditors, and satisfy themselves of the whole audit process for the group. This is indeed the dominant global practice under ISA600, which global investors place their faith in. To be sure, such cohesiveness among auditors is envisaged under India's company laws too, but not followed on filmsy grounds. It is important to

company laws too, out not rollowed on minsy grounds. It is important to identify risk centres within corporate groups more efficiently and preemptively, buttress the risk assessment process, and put in place tailor-made and scalable audit systems. In fact, the component auditors too would do well to ask for group audit reports to double check. Given Indian companies' increasing exposure to global markets and finance, and the country's significant reliance on global investors for its start-up ventures and infrastructure pro-jects, it can't afford any complacency in aligning its audit practices with the best in the world. The prospects of audit, after all, are contingent on healthy

Here's why there's hope for climate financing

SO, WE'REAT the end of another record-breaking year for heat. It became "effectively certain" at the start of Docember that 2024 is going to be the warmest year on record and more than 1.5°C above the pre-industrial baseline, according to the Copernicus Climate Change Service, part of the European Union's Earth observation programme. The Paris Agreement temperature tagget, which aims to try and limit warming to 1.5°C above pre-industrial levels and "well belove" 2°C, is in serious jeopardy; Though it was a single to the company of the compa

re's still reason to worry. We're about to enter the second half of a crucial decade for climate action. Headwinds — geopolitical volatility, inequality, far-right populism — are making the job harder, and that may not change much in 2025, But technological advances and economic realities are reasons for optimism: The transition to deaner sources of energy is well underway and won't be halted now. Happy new year! POLICY REBOOT

IN 2025, INDIA'S TRADE POLICY SHOULD FOCUS ON SERVICES, US AND JOINING THE CPTPP

Navigating trade challenges

India's focus on

manufacturing exports should be lective and on

items that can navigate geopolitical currents deftly

NDIAN TRADE POLICY needs to prepare for navigating complex challenges in 20.25. The challenges will arise from a combination of factors. These include President Trump's assumption of office as the US President; a stagnation in global economic growth and consequent lower demand for manufacturing exports; possibilities of farreaching political changes impacting trade with major partners; and a lower reaching political changes impacting trade with major partners; and a lower reaching political changes impacting trade with major partners; and a lower reaching political changes impacting sexports to the US. For India too, the tariffs will be meaningful given that the US is its largest export market, If Trump tariffs are levied on several of the US majortrading partners, then an interesting scenario will emerge where these partners will explore ways of circumventing tariffs for accessing the US market. The likely outcome, as already demonstrated by China, will be to relocate production to locations from which exporting to the US won't attract tariffs. India might need to explore similar options too.

Tariffs will impact export competitiveness with US consumers finding the products becoming more expensive. The erosion of market access in the US will impact export competitiveness with US consumers finding the eroducts becoming more expensive. The erosion of market access in the US will be impacted by slower economic growth in many parts of the word land its export market sin fulla's key export markets in Europe and West Asia, can further affect the prospects of exports. Aprojected lower level of domestic commenting growth off impact exporting which, as it, sill be impacted by the other mentioned changes.

AMITENDU PALIT

Senior research fellow and research lead (trad-economics), Institute of South Asian Studies, Nat University of Sings

India's trade policy will need to adjust according to the challenges. One of the most important goals in this regard should be to make trade policy move out of its excessive focus on protecting interests of manufacturing exports. India's service exports are performing commendably. It is time that the trade policy and domestic industrial policy work in tandem to encourage more service exports.

In the foreseeable future, service exports are unlikely to

notourage more service exports.
In the foreseeable future, service exports are unlikely to encounter the kind of problems that goods exports are facing. Globally, trade is concentrating more among geopolitically a dispred blocks. This tendency will increase as international relations become more fragile and contentious. Unilateral protectionism and reciprocal actions in the form of rariffs and non-tarriff restrictions are also going to increase. This will variously impact price competitiveness and market access for manufacturing exports. Purthermore, newfrontier measures like the Carbon Border Adjustment Mechanism (CBAM) will spring up across the world, hitting carbon-intensive exports like steel and energy products.

India's focus on manufacturing exports, and the depression of the control of the control

that can navigate geopolitical currents deftly. Semiconductors, critical miner-als, food products, and pharmaceuticals

are some of these. Politically, India has worked out alliances with countries with whom it can trade effectively in these items. But non-strategic exports might face access hurdles and start declining. In this regard, trade policy must not be reactive and should take a long-term objective view.

Two specific areas of engagement demand attention. The first of these is with the US. With the US likely to look at trade relations with India exclusi-

ocus on cturing and tardae relations with India exclusively, as It will for all of its partners, India must also do so. While negotiating with the US, defensive interests like recovering hat can shouldn't be the priority. The US Congress hasn't renewed the GSP prosented the GSP promise since it expired on December 31, 2020.

The US Congress hasn't renewed the GSP promise since it expired on December 31, 2020. The possibility off the large market while it existed, getting GSP-like preferential access will entail large market access trade-offs that would stir domestic discontent. India asso shouldn't be obsessed with securing more H-18 visas. The current antiing more H-1B visas. The current anti immigration sentiment in the US is unlikely to see the new government agreeing to a wholesome support of the H-1B scheme. The US big tech's

professionals should ensure that H-1B continues to remain a source of mobil-ity for the skilled Indian without any ert lobbying. With the US, however, India mu

With the US, however, India must, in the scope of any likely bilateral trade deal, seek to obtain more support for developing integrated global capability centres (GCOs). GCCs are driving the robust growth in Indian service exports and generating domestic jobs. Global US businesses, such as Microsoft, Deloitte, Citi, Amazon, and Walmart, are running GCCs in India. These hubs have the potential to power India's services export growth to new heights by exploiting the synergies with local start-ups in various areas. It is also time for India to work olining a high-quality rules-based

joining a high-quality rules-based trade framework like the Comprehen joining a high-quality rules-based trade framework like the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP). The framework will provide deep preferental access to three G7 member markets — Japan, Canada, and the United Kingdom (UR). It will also provide similar access to other CPTPP member markets, like Australia, New Zealand, Mexico, Peru, Chile, Singapore, Brunei, Vietnam, and Malaysia, over and above what India currently has through existing bilateral and regional agreements with some of these countries. The new access can compensate some of the potential access loss in the US market. The CPTPP is a raguably the best example of a 21st century new-generation trade agreement. Its rules will help Indian exports to upgrade and modernise. It will bring new export opportunities, not just for goods, but also for services like financial, business, travel, and miscellaneous, and support further domestic growth of CCCs. Ioining the CPTPP should be a CCCs. Ioining the CPTPP should be a

support further domestic growth of GCCs. Joining the CPTPP should be a priority moving ahead.

Views are personal

Let the rupee find its own level



AS THE NEW year kicks off, the persist-AS THE NEW year kicks off, the persisting weakness of the rupee vis-à-vis the US dollar in 2024 — although not as much as China's yuan, South Korea's won, Turkiye's litin, or Indonesia's ruplah, among other currencies—raises important questions on its effect on the Indian economy. Those who welcome a depreciating rupee are exporters, as it improves their competitiveness in selling their merchandise abroad. Those who would complain include Indian travellers, who now need to exchange more rupees to acquire dollars for their expenses abroad, so too will thousands of students who plan to study overseas as their loan expenses will be more.

A cheaper rupee is also bad news for

plan to study overseas as their loan expenses will be more.

A cheaper rupee is also bad news for the oil import-dependent Indian economy as imports become costiler, besides contributing to higher inflation. The silverlining, however, is that despite geopolitical tensions in West Asia, global crude prices are not ruling at elevated levels due to relative excess supply amidst lower demand for oil. Low prices offset the rupee impact of the costs of rising energy imports. The country's overall import bill will rise as indian industry is highly import-intensive, thanks to liberal access to internationally available raw materials and intermediate goods—like for assembling smartphones in the country—which become costiler.

The coming year will see more downward pressure on the rupee as the dollar further strengthens after Donald Trump

returns as the 47th President of the US. Paradoxically, while he wants a weaker dollar to book at American exports and protect jobs, his tariff bluster only made the dollar stronger. Higher tariffs impact domestic consumers through higher prices. His presidency will abow widen the budget deflicit because of tax cuts and higher spending, further driving up inflation. With the US Federal Reserve cautious on cutting interest rates, the consequent higher yields on US treasuries will attract inflows from foreign investors who pull out from emerging markets like India, weakering the rupes. rns as the 47th President of the US

markets like India, weakming the rupee.
What can policymakers
do about the rupee? Since
1 1993, the Reserve Bank of
India (RBI) has followed a
flexible exchange rate policy, which allowed the currency unit to be largely
market-determined. It has
maintained that it doesn't target any
particular exchange rate of the rupee,
although it can and does intervene to
monoth any sharp upward or downward although it can and does intervene to smooth any sharp upward or downward movements. During the global financial crisis from mid-2007-early 2009, or the so-called "taper tantrum", when it hits lows of '68.8 to a dollar in August 2013, the RBI did not defend the rupee by drawing down foreign exchange reserves. Instead, it even built up reserves through these episodes.

The coming year will

see more downward rupee as the dollar after Donald Trump returns to office

During the last couple of years, however, the RBI's stance shifted to an inflexible exchange rate policy, argues Arvind Subramanian, former chief economic advisor to the government of India. The RBI's interventions sought to ensure a stable exchange reserves by as much as \$100-150 billion since October 2021. Last Friday, for instance, the RBI resorted to dollar asles of \$2.5 billion via state-run banks to defend the rupee of the dollar stable of \$2.5 billion via state-run banks to defend the rupee of the country of the country of the country of the currency unit. The shift in stance and the currency unit.

Seeking elusive stability in the exchange rate while the

economy remains open to capital flows entails a relatively less independent monetary policy to boost growth

bility in the exchange rate, only two or these three objectives can be satisfied. Since the reforms of the early 1990s, the economy has remained open to foreign capital, while the RBI's strong monetary policy checked inflation and boosted economic growth. Exchange rate stabil-ity had to be given up, reflected in the

rupee being allowed to fluctuate in line with market forces.

Seeking stability in the exchange rate—which has made the rupee overvalued in the process—while the economy is open to capital inflows and outflows entails abandoning a strong monetary policy. According to Subramanian, this shift in stance of late has damaged the country's export competitiveness by 10% and resulted in a tightening of monetary conditions at a time of slowing economic growth. Interestingly, the latest official monthly review of the economy appears to concur with this assessment as it mentions that'a combination of monetary policy stance

this assessment as it mentions that "a combination of monetary policy stance and macroprudential measures by the central bank may have contributed to the demand slowdown" in the economy. The upshot is that the downtreal her tupes is likely to persist, if not inten-sity, with the dollar entering a phase of strength during the forthcoming Trump presidency, Analysts expect ₹86 per dollar by end-March and ₹87 per dollar by end-2025. While this would benefit exporters, this is not an unmixed blessing as the curthis is not an unmixed blessing as the cur rencies of rival emerging economies dep-reciate more against the dollar. Instead of defending the indefensible, the RBI may be better off reverting to its earlier stance of a flexible exchange rate policy that allows fluctuations in the Indian currency unit, in line with cyclical conditions.

LETTERS TO THE EDITOR

Indian-Americans. H1-B, and Trump

H1-B, and Trump
Apropos of "H-1B visa power"
(FE, December 31), the five millionstrong Indian American community
has become one of the most
influential groups in US society.
While they may be just 1.5% of the
US population, they contribute
\$300 billion in tax revenues a year,
roughly \$450 billion in annual
spending, and they have been

co-founders of 10% of the unicoms there. Within the Fortune 500 companies, 16 are currently led by people of Indian origin. India has emerged as a net exporter of talent as the US has proven to be a land of massive opportunities. It has been a two-way street where both parties have benefitted. Trump must clearly spell out his government's stand on this to clear the air as the US can ignore indians at their own peril.

—Bal Govind, Noida

Budgetary boost

Apropos of "Boost private consumption" (FE, December 31), India must give a budgetary boost increase private consumption at a time of slowing private consumption, as it clips the wings of manufacturers. The post-pandemic recovery of the middle class is not up to the mark, and these strundle to oet clobe with regular they struggle to get jobs with regular income, eroding their purchasing power. Further, fiscal consolidation,

New Delhi

developing human capital, increasing divestment in order to reduce fiscal sippages, boosting private and foreign investment, and giving more income tax sops to increase the disposable income of the middle class must be the priorities of the upcoming Budget. The finance minister, too, admits there is a need to do more for the middle class. -NR Nagarajan, Sivakasi

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Banking stability

Risks may emerge from the global economy

Risks may emerge from the global economy

s the eventful year 2024 drew to a close, the bi-annual "Financial Stability Report" (FSR) of the Reserve Bank of India (RBI), published this week, Appeared to the Common of the Common

amongs the consuming and manical sectors are stable, the risks in 2025 could emanate from other sources. Growth in gross domestic product slipped to 5.4 per cent in the second quarter. While it is expected to revive in the second half of the year, more efforts will be needed to sustain higher growth over the medium term. The inflation rate based on the consumer price index is expected to moderate in the coming months, but the extent to which monetary policy can support growth remains to be seen. Bigger challenges in 2025, however, are likely to originate from the global economy, particularly the US, The US Federal Reserve has revised its projection for

economy, particularly the US. The US Federal Reserve has revised its projection for policy interest-rate cuts, which has led to significant financial-market volatility. Relatively high US interest states will attract capital and strengthen the dollar, which will put pressure on other currencies, particularly in emerging markets. The pressure may increase substantially if President-elect Donald Trump pursues his stated policies after taking office later this month. The rupee has remained relatively stable, largely because of the aggressive intervention of the RBI, which may not be sustainable for an extended period. There is another big issue that the global economy will have to deal with. As the FSR highlights, global public debt is projected to have exceeded \$100 trillion by the end of 2024 and is expected to surpass 100 per cent of GDP by 2030. Global debt is driven primarily by the two largest economies, possing a potential risk to the stability of the global financial system. Indian policymakers, while making interventions to push economic growth, will need to be prepared to deal with such risks.

Caution ahead

Ken-Betwa link downplays ecological impacts

Ken-Betwa link downplays ecological impacts

ith Prime Minister Narendra Modi laying the foundation stone for
the "Ken-Betwa River Linking National Project" on December 25, a
controversial project is off the ground 29 years after it was conceived.

This is the first of 16 inter-linking projects under a decades-old riverlinking plan, which involves some Himalayan rivers. The Ken-Betwa project involves
transferring "excess" water from the Ken river to the Betwa river, both tributaries of
the Yamuna, via a 221-km link canal, including a 2-km tunnel. The project is expected
to provide water to the traditionally parched and backward area of Bundelkhand
covering 13 districts of the two states. It is expected to provide annual irrigation of
1,062 million hectares, meet the drinking-water needs of 6.2 million people, and
generate 103 Mwo Thydro-power and 27 Mw of Solar power. This enormous 444,605
crore project will involve, in its first phase, building a dam, link canals and tunnels,
and a power house. Though the developmental objectives of the project appear
unexceptionable, the question that has been raised by a range of environmental
groups over the years, including the Supreme Court's Central Empowered
Committee, is whether the human and environmental cost balances these gains.

The project will displace over 6,000 families, cause the felling of some 2.3
million trees, and, with the construction of the dam planned inside the park,

million trees, and, with the construction of the dam planned inside the park, submerge 98 square km of the Panna National Park, including 10 per cent of the core area. The disruptive human and ecological consequences of this environmental destruction are significant. The Panna Tiger Reserve has been one of the more heartening success stories of recent years with the successful reintroduction of tigers in 2009 after this big cat population had been wiped out due to poaching. There are now 70 tigers in the reserve, which also carries within it all the precious biodiversity — from, among others, vultures to the gharial, one of the most endandard. gered freshwater crocodile species — that slows the consequences of climate change. The Ken, one of the least polluted of the Yamuna tributaries, is the park's lifeline. Besides, the hydrology data to back the claim that the Ken has excess

water has not been subject to public scruttiny.

The government's motivation in sanctioning this massive infrastructure project may be understandable. But the prospect of bringing prosperity to one of India's poorest and most drought-prone districts must be weighed against its ecological impact, which benefits no one in the long run. Recent amendments to environmental laws and rules such as decriminalising emission and pollution transgressions and exempting impact assessments and clearances on projects within 100 km of India's borders — most of it in ecologically fragile territory — point to the key purpose of improving ease of development metrics. But there are also numerous cost-effective

improving ease of development metrics. But there are also numerous cost-effective ways of balancing development and environmental concerns. It is worth noting that only India and China have river-linking projects; most other countries have found the costs of such ventures outweigh the benefits.

In the Ken-Betwa project, for example, various expert committees, including the government's forest advisory committee, have pointed out alternative, decentralised, and cheaper ways of improving water availability, which have not been explored sufficiently. This would include rainwater harvesting, groundwater recharge through check dams, moisture conservation, reuse of water, treating polluted water, and demand-side measures. The government would do well to examine such solutions before splurging on high-visibility infrastructure projects that degrade India's richly diverse environment.



A pivot to defence

Budget 2025 must mark a decisive shift in the allocation of resources to defence and internal security

Unget-as-usual is not an option for Narendra Modi and his finance minister this time. While normal obsessions about growth, lobs, infras-tructure and fiscal balance will always remain impor-tant, Budget 2025-26 has to focus on something that

tant, Budget 2023-2e has to rocus on sometiming that has been screaming for attention for long: External and internal security.

Defence spending takes up one-eighth of the Budget, and possibly accounts for about 2-24 per cent of gross domestic product (GDP), the upper end figure being an estimate made by the Stockholm International Peace Research Institute for 2023. The

small, single-digit increase budgeted for this fiscal (2024-25) is barely enough to cover for inflation. In short, even with an allocation of 66.21 trillion for defence, we are falling seriously short, given the growing security challenges in our neighbourhood.

Over the past few years, external curity threats have escalated, even as our capabilities have stagnated or, in some cases, declined. Despite BEYOND IDEOLOGY

or, in some cases, declined, Despite

a tentative handshake across the

Himalayas with China over

patrolling rights in Ladakh, China

remains a potent threat. It is rapidly investing in

advanced fighter aircraft even as our effective air

defence squadron strength is falling. Chinese war
ships will soon be roaming around in the Indian

Compto our detringent. an to our detriment. feanwhile, Pakistan has chosen to be a Chin

vassal state, but there is now a massive threat emerging on our eastern flanks, where a regime change operation in Bangladesh (possibly supported by the US) has made our entire Northeast vulnerable to infiltration and jihadi terrorism. What was once a "two-an half front" war scenario (Pakistan, China, and inte security threats) that the armed forces were preparing for now threatens to evolve into a "three-and-a-half

front" conflict that we must be prepared for. All this is happening when global geopolitics ha become more unpredictable and India's list of dependable friends is narrowing. The Us under Joe Biden has been speaking with a forked tongue, with one section seeking better defence ties with India while another segment has sought to undermine it. Consider these facts: Supplies of US engines for our Tejas fighter aircraft have been delayed for inexpli-cable reasons. The US has targeted sections within Indian intelligence for allegedly trying to bump off a Khalistani terrorist on American soil, and our National

Security Adviser cannot land in the US without facing possible arrest in US without facing possible arrest in a civil case launched by the same terrorist. The US-led Five Eyes intelligence sharing arrangement is busy feeding information to the Canadian government on the possible involvement of Indian agencies in the killing of another terrorist, Hardeep Singh Nijjar, information that implies deeply damaging pengeration of deeply damaging pengeration of deeply damaging penetration of Indian diplomatic correspondence.

An Indian businessman has bee targeted by the US Securities an Exchange Commission for a "crime ms, if any, have nothing to do wit ests. Thanks to the two ongoing was

in Ukraine and West Asia, the military industrial complexes in the US and Asia (Russia's primarily)

complexes in the US and Asia (Russla's primarily) are overloaded with orders, and cannot deliver promised supplies. Russlan deliverles of the S-400 air defence systems have been badly delayed. Internally, we have seen how weak our cyber capsilities are against two recent threats. Our airlines and schools in Delhi were economically impacted by hoax bomb threats that remain largely untraced. If non-state (and state) actors beyond the reach of Indian security agencies can damage us economically without incurring any major cost to themselves.

we are sitting ducks. The porous borders with Bangladesh and Myanmar, where the latter's gov-ernment has lost control to various ethnic armles, poses another internal security threat, as drugs, arms and infiltrators penetrate weak fences. The whole of

OPINION 9

some another internal sociarity threat, as drugs, arms and infiltrators penetrate weak fences. The whole of the Northeast is exposed to covert foreign intervention and internal subversion. Financial fraucts also undermine internal economic confidence as India has rapidly digitised its economy without a commensurate investment in cyber defences.

This is the backdrop against which the Budget for 2023-26 must reset its priorities. If there is any time when non-economic priorities must take centre stage, this year's and nost year's Budgets must stard out. Three areas — defence, internal policing, and cyber and hybrid defence (and warfae) capabilities — need massive resources, and this implies that the share of defence and internal security in GDP must rise for the next five to 10 years to address our current short-falls. In the upcoming Budget, the finance minister must provide for a massive additional allocation of \$1.5 trillion for defence and internal security, possibly by slimming down welfarist spending and accelerating privatisation processes. An annual increase of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of 0.2-0.25 per cent in defence spending as a share of the competence between now and the early 2030s. Given the unreliability of defence supplies from both America and Russia, and also the possibility functions like China may be supplying components for these equipment (many Russian equipment now have Chinese or Utanialian paris, the only real option is to rapidly improve our defence research and development mental supplies

poments for these equipment (many kussian equipment most wave Chinese or Ukanilaina paris), the only real option is to rapidly improve out defence research and development (8&D) and develop internal suppliers for crucial defence projects. Developing our own fighterengines ought to be a top priority, lust as expanding our naval fleet through enhanced domestic production is crucial for our defence of the indian Ocean. Our internal policiting also needs a huge fillip in terms of budget allocations for crime detection, oyber threats, and terror prevention.

In an unsafe world, where alleged democratic "friends" impose their own agendas as the price for supporting us with vital equipment and components, and our enemies are dramatically improving their defence capabilities, strengthening ourselves is the only option. Threats from non-state actors, including tech companies that dance to the beats of foreign powers, also need to be managed better.

The first and most basic responsibility of any gov-

tech companies that dance to the beats of foreign powers, also need to be managed better.
The first and most basic responsibility of any government is to protect tis people from external threats and internal harm. Budget 2025-26 has to focus on meeting this responsibility. The political climate is just about right for enabling this spending shift to defence. In 2025, there are only two major elections (Delhi and Bihar). The Bharatiya Janata Party (BJP) can afford to write off Delhi, and Bihar is months away. In 2026, five Assembly elections are due (Assam, Tamil Nadu, Puducherry, Kerala and West Bengall), but the BJP has a big stake only in Assam, so once more, the political pressure for freebles can be resisted and defence can get its due.

The spike in defence and security spending needs to occur more quickly in the next two budgets. After that, the window for fiscal manoeuvre will start narrowing as more critical elections fall due.

New Year, new resolution: Fill vacancies

column appearing on the first day of the New Year (based on the Gregorian Calendar) is a wonderful opportunity for any writer to focus on the big picture and the big issues of any subject they choose. I will, however, eschew that temptation and look at a smaller and simpler issue pertaining to the Indian economy and governance. The issue is about this question: Could filling up just existing vacancies in various government and just existing vacancies in various government and regulatory bodies help the Indian economy become

regulatory bodies neep the Indian economy Decome more productive, while also benefitting businesses and citizens? I would like to think that governance would improve dramatically if the Union government, state governments, and various regulators concentrated on this.

Take, for instance, our justice system with court cleaned by a beselver that the contract of the

Take, for instance, our justice sys-tem with courts clogged by a backlog of cases running into millions. A recent report says that just in various high courts across the country, over S.8 million cases — some 4.26 mil-lion civil matters and almost 1.6 mil-lion criminal cases — are pending. Of this, 62,000 cases have been pending for more than 30 years. In subordinate courts, over 45 million

subordinate courts, over 45 million cases are pending. Experts suggest that even if no new cases were filed, it would still take several decades for the courts to clear them.

A good part of the problem stems from the acute shortage of judges at every level. Many high courts in the country are operating with less than 50 per cent of their sanctioned strength. In reply to a question in Parliament Last year, Minister of State for Law and Justice (Independent Chargo) Arjun Meghwal admitted that at the end of January 2024, 331 of the total sanctioned, IJIA vacancles for judges in various high courts were vacant. Similarly, there

were over 5,000 vacancies across various subordi-

were over 5,000 vacancies across various subordinate courts in the country.

It is not just about the courts — the various tribunals and other regulators are also facing similar shortages. As of November 2024, the National Company Law Tribunal had 43 members in service against the authorised strength of 63. The average time taken for the resolution process of an insolveney petition today has gone up to 716 days, far exceeding the stipulated maximum of 330 days, even for cases involving litigation. Another ribunal — the Debt Recovery Tribunal — is paralysed because many do not have a presiding officer.

It is a similar story for the Executive, which has been grappling with unfilled vacancies for years on end. Most state police departments have thousands of vacancies. The Bureau of Police Research and Development had some time ago estimated that the total police vacancies in the country account for 20 per cent of the sanctioned strength.

The vacancies, especially at the lower levels of bureaucracy, typically remain unfilled for years. The Indian Rallways has unfilled posts running into hundreds of thousands, despite the Comptroller and Auditor General of India castigating it for not even

into hundreds of thousands, despite the Comptroller and Auditor General of India castigating it for not even filling up enough positions required for ensuring the safety function. In government hospitals and schools, whether run by the Centre or the sates, staff shortages frequently make headlines. Across virtually every gov-

frequently make headlines. Across virtually every gov-ernment department, the situation remains the same And these are sanctioned strengths — which may or may not reflect the ideal strength required today These numbers were decided decades ago, though the population of the country has increased manifold since then. The Supreme Court, for instance, is likely

the only court that functions at its full sanctioned strength — yet it has its own backlog and pendency, primarily because the number of additional judges it requires is still being examined and debated.

This leads us to the paradoxical situation. Indias it requires its still being examined and debated.

This leads us to the paradoxical situation. Indias its onomous unemployment problem may well be reduced significantly if all vacancies were to be filled on a war footing. Sure, it would still be a drop in the ocean of total unemployment statistics, but every little bit helps. More importantly, filling up lus the current vacancies in the sanctioned strength will help reduce pain at every level of a citizer's life. So why don't governments— and we are talking both the Union and state — take decisive action to address this?

Some of this can be attributed to inefficiency and bureaucratic fundles. Newspapers frequently report on government recruitment examinations being scheduled only to be cancelled or postponed due to

Some of this can be attributed to inefficiency and bureaucratic fundles. Newspapers frequently report on government recruitment examinations being scheduled only to be cancelled or postponed due to question paper leaks. In other cases, it may be budgatary wortes — holding off on filling vacancies when revenues are lacklustre is a time-honoured practice for both the government and the private sector. There may also be worries about the pension liabilities in the future.

Concerns about automation, digitisation, and

other technology advancements reducing manpow-er requirements may be at play too. All these are er requirements may be at play too. All these are valid reasons but sitting on appointments is not the solution, except in a few areas where automation would genuinely reduce the need for filling all sanctioned vacancies.

In other areas, however— such as courts, hospitals, and police departments— unfilled vacancies lead to delays, inefficiencies, and productivity losses, resulting in potential gross domestic product lost. The governments need to understand this.

A Muslim across the communal divide



BOOK REVIEW

ADITI PHADNIS

Muslim woman in public service who rose to a career pinnacle in the Bharatiya Janata Party (BLP). Najma Heptulla's biography chronicles a fascinating journey that swept aside stereotypes and fashioned a career almost entirely on her own terms. Almost entirely? Dr Heptulla's greatest ambition — to become

Almost entirely? Dr Heptulia's greatest ambition—to become chairman of the Rajya Sabha (and vice-president of India)—remained unfulfilled for reasons that will forever be a mystery. No one could have been more qualified for the position. But in her book, Dr Heptulia doesn't waste time over regret. Instead, she describes the opportunities she got and how she tried

to engineer change, sometimes tentatively, but mostly with bold resolve. Dr Heptulla had an idyllic childhood in Bhopal. She ran through family orchards and climbed trees but also learnt embroddery, knitting and cooking, skills that stayed with her. She once called this recorder with apunusual skills that stayed with her. She once called this reporter with an unusual query. She wanted to make authentic awakdaya picke, she said, but "do you have to boil the chana before you put it in?" Her keema karela was legendary. St could have become a doctor but she was underage and her family boulked at the thought. So, she enrolled for a BSC (she was the was the solvent in bur classe) followed the was the solvent in bur classe? Solvent or the second of the solvent in bur classe? Solvent or the second of the solvent of the solvent of the second of the solvent of the solvent of the second of the solvent of the solvent of the second of the solvent of the solvent of the second of the solvent of the solvent of the second of the solvent of the solvent of the second of the solvent of the second o he only girl in her class) followed by ster's and a PhD in Zoology, winnin a Master's and a PhD in Zootogy, winning the gold medal. As she was "the favourite" grandchild of Maulana Abul Kalam Azad, Union minister in Jawaharial Nehru's government, she had access to Nehru and later to Indira, Rajiv and Sonia Gandhi. Of course, her

and soma Gandin. Or course, ner relationship to each was different. As she started public life in the Congress, her early mentors were naturally from that party. Though she

joined the BJP in 2004, there is no denigration in her book of those in opposing parties who influenced i political trajectory: Y B Chavan, th legendary Maratha strongman of Maharashtra, Indira Gandhi, Shar legendary Maratha strongman strandard Maharashtra, India Gandhi, Sharad Maharashtra, India Gandhi, Sharad Pawar, Rajiv and Sonia Gandhi and PV Narasimha Rao. She acknowledges Lalu Prasad as a helpful colleague whom she found extremely "bright". Her relationship with Sonia Gandhi was not smooth but when she left the Congress to join the BJP, it was not a transactional move; the year she moved, the Congress came to power.

came to power.

Dr Heptulla could always see both sides in an argument. And this quality of bipartisanship helped her enormously as deputy chairman of the Raiya Sabha, the only one in Indian parliamentary history to have been elected to that position four times for a total term of 17 years. As Union minister for minority affairs in a BJP government, she framed initiatives for inclusivity that continue to be in place. It can't have been easy to survive in a ministry for which many in

the Sangh Parivar saw no justification. She flags issues around Waqfland and the role of fland sharks floetingly, though it was speculated at the time that those pressures led to her replacement. She was sent to Manipur as governor. She recalls her tenure, her interaction with Kukis and Meitels and hopes fervently that peace will return to the state soon. Dr Heonulla's

PROSAIC VIEW PROSENJIT DATTA

Dr Heptulla's contributions to diplomacy, especially in the Islamic world,

make for interesting reading. The 1980s and 1990s asw tremendous global upheavals and her help was sought by the government on multiple occasions. She government on multiple occasions. She took the initiative to put plans in place that led to an invitation to Indira Gandhi to visit Saudi Arabia in 1982 (as part of that delegation, she tasted camel milk for the first time!). But the visit represented significant movement in relations between the two countries. "Mrs Gandhi was able to assure the Saudis that minorities in India were safe, trea equals, with respect," Dr Heptulla notes, adding Gandhi persuaded Riyadh to limit Saudi arms purchase aid to Pakista and replace ad hoc export of crude oil to India with regular lo ong-term supply. Ir 1990, when the Gu

1990, when the Gulf War was raging, the Chandra Shekhar government sent her to Jordan to meet King Hussein, Her Congress colleagues

pull the Chandra Shekhar

government's

IN PURSUIT OF DEMOCRACY: Beyond Party Author: Najma Heptulla Publisher: Rupa Price: ₹695

government's chestnuts out of the fire. Dr Heptulla retorted that she wa doing what she was not because of Chandra Shekhar but for India.

Dr Heptulla's innate intelligence illumined her political life. Colour television came to India with the Asian Games in 1982, but Indira Gandhi was not convinced India needed it. Dr Heptulla convinced her that Krishi Darshan, a programme watched by farmers all across india to modernise agricultural practices, would be more effect their notion." T explained how, for instance, a black-and-white programme on leaf-rust—a fungal disease of the wheat—could hardly help the farmers. They could relate to it easily if shown in colou. And it could also draw in the younger audience."

D' Heptulla says. "Indira Gandhi just looked at me in disbellef with a slight smile and at while in her eyes at my

smile and a twinkle in her eyes at my perseverance. Finally, she chuckled, 'You are so mischievous. You never give up, do you?''

up, do y MPssheo — butal dealt with found that she v MPs she dealt with found that she was nice — but also naughty. She notes that the practice of some south Indian MPs in the Ralya Sabha of holding up their weshits at "half mast" especially during protests, was ... disquieting. Those who know her can testify to her talent as a mimic. And her sense of humour managed to defuse many tense situations in the management of the Rajya Sabha. Dr Heptulla was born to privilege but strongly empathsed with those who did not have as muchas her. Her commitment to the empowerment of

commitment to the empowerment of women has remained a constant, as this elegantly written story of her life tells us





THE ASIAN AGE

India, most of all, needs harmony in New Year

s the world leaves behind a parious 2024 there is no end in sight yet of two major wars in Utraine and around the Gaza Strip and civil wars are raging in Sonalia, Haiti, Myanmar and many other countries, besides an uprising in Bangladesh, with no sign of the issues scolved.

Lesides an uprising in Bangladesh, with no sign of the issues being resolved.

The eternal optimists can, however, hope that the chronological convenience of turning the Gregorian calendar to January 2025 will bring some sense to those involved that violence leads to nothing except that it only begets more violence. Making 2023 such a turnulituous year beyond the wars and conflicts was the fact that two billion people, around a quarter of the week'ds population, went to polling booths to register their choice. Their disenchantment with the status quo and many other countries where the desire for change dominated. Significantly, the BJP lex DNA alliance survived the global storm that felled political parties, but with reduced numbers and without a majority of its own for the BJP. That brought India back to a time of coalitions with a chastened Prime Minister having to bow to alliance dharma and make mellower his party's stance on many issues.

Minister having to bow to alliance dharma and make mellower his party's trance on many issues.

The year post-polls, however, saw more political wrangling with harmony distance on many issues.

Talking of the economy, there is the condition of the economy, there is much to do as the rulers could not have missed the last couple of quarters in the last couple of quarters in the world's fastest growing large one considering the rulers and the considering the rulers and the condition of the conditi

Considering the rulers and the Opposition could not be together even at the funeral of a two term Prime Minister of this millennium in Manmohan Singh, harmony seems a concept too far for a fractured polity in a pluralist society. Apart from the renowned conomist who became an accidental PM, the country saw many a luminary of the arts like Shyam Benegal and a gem of a progressive titan of industry in Ratan Tata depart.

The world of sport remained extremely competitive and there too it was individuals like the chess champions D. Gukesh and Koneru Humpy, the Olympic twin toroze medallist Manu Bhaker and the perfess fast bowler Jasprit burnrah who shone. As far as team games went, it wasn't the best of years even if Team India did break a long ICC trophy drought by winning the T20 World Cup.

The ineffectual performances in team sports may be taken to represent Indians' difficulties in staying together amicably. Togetherness has goodness in it, so goes the saying, and it might mean something as the world propares for what could be a turbulent Trump year with his promised tariff wars adding another dimension to the suffering caused by economic downturns and climate change catastrophes.

Talking of the economy, there is much to do as the rulers could not have missed the signs of a dip in the last couple of quarters in the world's fastest growing large one. Even bickering Indians must see a need for growth for which consumption must rise too. All is not well is the message that 3224 conveyed. Hopefully, the New Year will be better for all.

Talk to farmers, find solution

With the agitating farmers communicating to the Supreme Court that their leader Jagiit Singh Dallewal will call off his indefinite hunger strike if the Union government invited them to a discussion on their long-pending agenda, it is now up to the government to take the initiative for talks and pave the way towards ending a year-long agitation. The government should not ideally have a quarrel with the farmers' demands which include a legal guarantee for minimum support price for crops, debt relief and withdrawal of cases lodged against farmers during the earlier edition of the agitation. In December 2021, the then NDA government had actually assured them that steps would be taken towards their fulfilment after repealing the three controversial farm laws. From Prime Minister Naredra's Modi who promised to double farmer income to the finance minister who listed various measures for farmers in the annual Budget, the them of farmer welfare has never gone missing from the government's agenda.

It is a shame, therefore, that the farmers have been antistate as the

ermment's agenda.

It is a shame, therefore, that the farmers have been agitating on the Punjab-Haryana border for almost a year now over these issues that are in fact critical to their survival. The government announces MSP shead of every crop season but at present is not under an obligation to do so. The farmers argue that a legal farmework on MSP would alleviate their fears and introduce a sense of surety. The demand for debt relief should cost the exchequer but history has shown that such pro-farmer measures will introduce more vibrancy in the rural economy which will have a cascading effect on other sectors.

introduce more viorancy in the trust economy with effect on other sectors.

It is a paradox that the major mediator in this agitation is the Supreme Court of India while the decision should ideally be the result of a direct conversation between the farmers and the government. The farmers' group has now offered the government an opportunity to play its legitimate role and it must honour this trust.

THE ASIAN AGE

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Dilip Cherian



As unfilled posts add to suspense, decoding Delhi's latest babu jigsaw

The recent secretary-level reshuffle in New Delhi left some scratching their heads yet again. Like an unsolvable jigaw puzzle cloed the logic behind these moves remains a closely guarded secret. But, for now, lef's try to decode at least a few of these postings. First up is the department of personnel and training (DoPT), which handles the government's personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the personnel affairs. For the third time in a year, the sound some and the personnel affairs. For the third time in a year, the sound is a woman offer, continuing a trend. Ms. Shah replaces Radha S. Chauhan, while Manisha sowner and Kavita Singh handles crucial ACC matters in the Cabinet secretariat. Coincidence: Hardly, say sources. The system seems designed to prevent leaks and surprises. It all goes smooth-to-even the personnel affairs and the state of the personnel affairs. While the personnel affairs and the personnel affairs and the personnel the personnel between the personnel affairs. For the personnel affairs and the personnel aff

of the ministry of culture. Speaking of culture, it's been on an upward trajectory, gaining significant prominence. How Mr Chawle tolances these dual responsibilities will be worth watching.

As for the ministry of culture, the suspense over who will fill Mr Chawla's shoes adds an extra layer of intrajec. With the Prime Minister's Office playing its cards close to the chest, it's a game of the contrast of the c

ing, if buffling, pastine.

WHY DID PROMISING DARBHANGA COP
OFFER HER RESIGNATION?

OFFER HER RESIGNATION?

OFFER HER RESIGNATION?

Offer, a story comes along that is intriguing
to the story comes along that is intriguing
behind the scenes. The case of Kamya Misra,
behind the scenes. The case of Kamya Misra,
behind the scenes. The case of Kamya Misra,
May Misra, who recently resigned from her post
as the rural superintendent of police (SP) in
Darbhanga, citting personal ressons, found her
resignation unceremoniously rejected by the
Bharg government, instead, she's been granted in
rently cooling her beels at the Bhar police head
quarters, awaiting a fresh posting, Reshuffles are
routine in police services, but her case feels any-

thing but ordinary.

Her husband, Avdhesh Saroj Dixit, also from the 2019 batch, is currently the SP of Googland, having previously served as the City SP in Muzaffarpur. The duo, who married in 2021, its highly regarded in bureaucratic circles. So why would an officer like Ms Misra, respected and reportedly effective, tender her resignation? And reportedly effective, tender her resignation? And the proportedly effective, tender her resignation? And the proportedly effective, tender her resignation? And the second of the proported of the proport



Will a year of global wars set off more 2025 churn?



he world was at was not the move. With crooks and commen every-where. Indians newer knew when the telephone rang whether it was a genuine caller or a trickster threatening to disconnect the line or freeze your bank account unless paid off.

I was a genuine caller or a trickster threatening to disconnect the line or freeze your bank account unless paid off.

I was not be supported in the contrary's combeack kid was on the prowd. US President-elect Donald Trump threaten benealt and Panama with seizure of the Canal. Controlling Greenland was m'absolute necessity", he declared. Canada and Mexico should become US states if they want to continue enjoying lavish subsidies. Mr Trump lavish subsidies. Mr Trump President Valenskey to make a deal with Russia's President Valenskey in a tempt to prevent US President Valenskey in manigration rules, massive deportations and the end of the constitutionally guarnaten of the constitutionally guarnaten of the constitutionally guarnaten of the constitutionally guarnaten was not the second of the constitutionally guarnaten of the constitutional guarnaten of the

America.

Prime Minister Narendra Modi reiterated that he had told Mr Putin both "directly and told reiterated that he had told Mr Putin both "directly and publicly" that "this is not an era of war". Mr Putin attacked fresh targets in Ukraine. Having pulverised Gaza, Israel began bombing Syria. The Houthi rebols targetting Fed Aviv diaht get Mr Modi's message either. Mr Modi's message either and the medical med

wars, civil and uncivil wars, cyber wars, wars to unite and to secede, India often and the secent and the

Donald Trump isn't the only world leader anxious to pull up the drawbridge against the influx of (mainly Asian) immigrants. Anti-foreigner sentiment is hardening in Germany, where

value. The "wealthy always have a way around it (uxess)", he said. Moreover, taxing penalises success: Irodia needs to optimise to optimise the success of t

organization of the committee of committee or condoned during two sints in office were unknown until the five-member commission of inquiry under a retired Supreme Court judge which Mr Yunus had appointed released its interim report, "Unfolding the Truth". Reporting more than 3,500 enforced disappearances, it hinted at some indian collusion. The report charged several high-ranking former military and police officers in with the control of the control of

economic secretary to the Treasury, whose ministerial duties include tackling flanancial corruption. Backing flanancial corruption. Backing flanancial corruption. Backing flanancial corruption and the secondary of the control of the charge of embezzing billions of dollars during Bangladesh's 2013 purchase of a Russian nuclear power plant, Reit Starmer expressed his full confidence in Ms. Siddiq who continues to handle anti-corruption issues. Donald Trump isn't the only world leader anxious to pull up the drawbridge against the influx of (mainly Asian) immigrants. Anti-foreigner sentiment is hardenling in Germany, where else-after the Magdeburg trapedy when a Saud-born psychiatrist who has lived in Germany for nearly two decades mowed down Christmas market shoppers, killing five persons, including over 200 others. Denmark, Finland, Iceland, Norway chronical and the sentences of the sentences of the sentence of the control of the sentence of the control of the sentence of the control of the sentence of the sentence of the biddle Rast Association, he know the reliable Canada to the lating the sentences of 37 out of 40 prisoners on death row, Mr Trump vowed to execute rapits, murderers, and muting and the sentences of 37 out of 40 prisoners on death row, Mr Trump control of the biddle Rast Association, he knows the region well.

As Mr Biden commuted the sentences of 37 out of 40 prisoners on death row, Mr Trump vowed to execute rapits, murderers, and muting squabbled over who owns India.

The writer is a senior jour-nalist, columnist and author

LETTERS

The news of post-crema-tion politics has wasted enough space of the newspa-pers of the nation. Whatever be the logic put forward by both the parties, the point to be taken home for future is that there should be no change from the precedent set based on approval of the Union Cabinet on May 16, 2013, for construction of Rashtriya Smriti Sthal, a common memorial site near Ekta Sthal in New Delhi. In fact, why not dispense with this practice altogether? It will put every citizen at par with each other and also save land and environment

Col R.S. Narula (retd) Patiala, Punjab

MANMOHAN BHAKTS

THERE is no way one can respect or disrespect a person once he or she has passed away. The BJP have unnecessarily waded into the question of Rahul Gandhi's impropriety of flying to Vietnam for whatever reason. Life is fast and the mourning period for any loved ones is observed in only a few countries. In India it is a custom to stop one's routine and only receive condolences from visitors. Some make a big show of their affection even if they have not been kind to the departed soul during the individual's life time. Better to take care of the ill person when the individual's life than weep torrents once he is no more.

Anthony Henriques

Mumbal

DESI POWER

FIVE MILLION Indian Amer have become one of the most influ FIVE MILLION Indian Americans have become one of the most influential communities in US society. While they may be just 1.5 per cent of the US population, they contribute \$300 billion in tax revenues annually and roughly \$450 billion in annual spending and they have been cofounders of 10 per cent of the unicorns there. Sixteen or 500 Fernancies are currently led by people of Indian origins. Needless to mention that they are top growth and technology. It has been a two way street where both parties have benefited. Mr Donald Trump must stand on this to clear all the air as the US can only ignore Indians at their own peril.

Bal Govind

Cabinet Secretary T.V. Somanathan has called out ministries for ignoring a two-year-old directive to limit decision-making to four layers. In a no-nonense letter, be pointed out that this non-compliance is causing unnecessary delays, undermining the government's push for reforms. He is clearly a man on a mission.

ment's push for reforms. He is clearly a man on a mission.

The directive aims to streamline processes by creating a leaner, flatter structure. Mr Somanathan wants special, additional, and joint scoretaries to operate as independent bureau heads, cutting out extra layers that slow things down. His message was clear: "De-layering" isn't just a bazzword; if's about speeding up decisions and improving efficiency.

He also reminded secretaries to personally that responsive, transparent governance depends on it.

on it.
Adding to this, the Cabinet secretary chimed in
with a reminder to keep communication short and
sweet. He asked secretaries to send contess
monthly updates—just one or two pages—highlighting key issues and delays. The message? Less
bareaucracy, more action.

Love them, hate them, ignore them at national peril, is the babu guarantee and Dilip's belief. Share significant babu escapades illucherian@hotmail.com.

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FIRSTCOLUMN **OVERCOMING THE GRIP** OF FEARFUL THOUGHTS

Fearful thoughts often take hold of our minds. leading to obsession with worst-case scenarios



AJIT KUMAR BISHNOI

e routinely become obsessed with fearful thoughts. The routinely become obsessed with fearful thoughts. The word obsession is defined as a persistent disturbing precocupation with an often unreasonable idea or feeling. We don't stop there; we think of the worst. What is the probability of that happening? But that does not prevent us from this common flaw; we do it willingly. There are several reasons for succumbing flavr, we do it willingly. There are several reasons for succumbing to this. We have many attachments. We are desperate for something like a good result, and a few like we shouldn't get sick. Unfortunately, these are decided by the Divine Authority based our past 'Karmas' (deeds). We have no say in it, and they manifest at their designated times. Fortunately, they are very rarely the worst we think of. If so, life would be hellish, which it is not. This earth's planet is a place of misery (The Bhagavad Geeta B.15) airight, but is not a concentration camp by any standard. But our imagination has no bounds.

The next big offender is a refusal to be prepared to tolerate. We want zero tolerance. Is it possible? Everything is changing like the weather. Bad 'Karmaphalas' (results of bad deeds) will manifest for sure because this is no Vaikuntha; we have most certainly a past with many bad karmas. How else are we here, not even in past with many bad xarmas. Now less are we here, not even in Heaven? We feel that we are intelligent, but hardly anyone escapes making this mistake. Yes, we are supposed to get fearful, because that protects us from acting foolishly, but excessive fear is due to faulty assessment. Due diligence is required. The fourth offender is greed. Our desires are open-ended. Is it wise? The evidence shows that downfalls occur due to being too greedy.



But to become greedy and then fear the consequences makes zero sense. Over-stress also causes fearful thoughts, especially about health. It is better to avoid to lessen this possibility. We want to control and are unable to. We act stupidly and then fear the worst. The same problem exists in acting big, which no one can ever become; we are intrinsically small and will remain eternally so. Acting as the sole doer also evolves fearful thoughts (sing control of our minds to fearful thoughts (if the part of the property of t ce and including a smalling conserves our early including as making our serves our entering ence is supposed to curb this tendency but, again, we find some justification in harming ourselves. This is also a sad commentary on our knowledge, about which we are so proud. A soul has severe limitations, as we realize; he must remain in the shelter of God. This

limitations, as we realize; he must remain in the shelter of God. This is the only worthwhile solution. I am sorry to be so stern, but the proliferation of mental diseases points to it only. God controls the Creation (9.10) and He, therefore, has to guide and help to deal with it. By ourselves, we are quite helpless really. How it works? It is quite simple, but a very long drawn exercise, because this problem involves our "svabhava" (nature). This is what I do. The moment a fearful thought crosses my mind, I pray sincerely for guidance and help, because I need to know a way out. I need exact guidance for my actions. God signals to me what I should do; He uses many ways to communicate. He helps where I fall short. Blissfully, my painful habit

municate. He helps where I fall short. Blissfully, my painful habit of fearing excessively is coming under some control. Thank God for this 'Kripa' (mercy).

(The writer is a spiritual teacher, views are personal)

Assessing efficacy and challenges of compensatory afforestation

With ecosystem at stake, the nation's approach to monetising and restoring nature demands careful evaluation and sustainable strategies write BKP SINHA and ARVIND KUMAR JHA

ompensatory Afforestation (CA) relates to the mitigation of environmental damage caused by the diversion of forof environmental damage caused by the diversion of for-est land for non-forestry pur-poses and is a mandatory requirement for obtaining clearances under the Forest Conservation Act, 1980; now Van Conservation Act, 1980; now Van (Sanrakshanevam Samvardham). Adhiniyam (VSSA) 1980 and Rules. The Government of India guidelines state that normally CA must be carried out on a suitable non-forest land equal to the forminimizing the adverse impact on the micro-ecology, such land should be located as near as possible to the diverted area. If suitable non-forest land is unavailable, CA may be carried out on degraded forest land equal to twice the area of the diverted forest land. The unavailability of non-forest land in a dis-

degraded forest land equal to twice the area of the diverted forest land. The unavailability of non-forest land in a district is certified by the District Collector and in the exceptional case of its unavailability in the whole state/union territory (UT), the chief secretary has to certify a coordingly and CA land may be identified preferably in a neighbouring state! UT-As regards CA, the Government of India guidelines of 2017 and 2019 emphasised compensation for loss of land by land and that of trees by trees. They indicate that at least 1000 plants are to be planted in one hectare and in case 1000 plants are to be planted in one hectare and in case 1000 plants are not possible to be accommodated, the balance may be planted in some other government forest identified by the state government. The states having more than 75% forest cover, however, are exempled from the task of procurring non-forest land for CA. Their CA can be taken up in states with deficient forest and/cover. As regards size, lands smaller than 5 hectares can also be accepted for CA if it is contiguous to a wildlife conservation area like National Parks and Wildlife Sanctuaries. Area equivalence criterion often leads to an understanding that any forest can be equated with tree plantations of any kind but the concept of Net Present Value (NPV) is additionally used to calculate the worth of diverted forests by attaching a monetary value to a whole range of goods and services provided by them. This amount is recovered from the project proposent.

The World Bank's 2002 strategy elaborates the NPV to include goods and services provided by them.

of goods and services provided by them. This amount is recovered from the project proponent.

The World Bank's 2002 strategy elaborates the NPV to include goods and services like wood and non-wood items, ecosystem services, support to wildlife, climate regulation, soil & water conservation and flood prevention, carbon sequestration, nutrient cycling, health support systems and non-material benefits which may be spiritual, inspirational, recreational, aesthetic, educational etc. Its value thus extends far beyond economics and considering the interest of different components may also vary, such as the cultural significance of a tree species versus its commercial value as timber.

The January 2022 guidelines of the Ministry of Environment, Forest and Climate Change (MoEFCC) have clubbed the forests of India into six Ecolasses to realize NPV instead of diverted forest land. Out of them, class I includes Tropical Wet Evergreen Forests, Tropical Semi Evergreen Forests, and Tropical Moist Deciduous Forests, while class II contains Littoral and Swamp Forests.



HOLISTIC DEVELOPMENT OF **GREAT NICOBAR** ISLAND PROJECT IS WORTH A LOOK. THE RS 72,000 CRORE INVESTMENT WILL DIVERT 130.75 SQ. KM. OF FOREST LAND FOR **INFRASTRUCTURE** DEVELOPMENT THAT INCLUDES A TRANS-SHIPMENT

PORT, AN AIRPORT, A POWER PLANT, A DEFENCE BASE.

Interestingly, the per hectare value of NPV for both these classes has been kept the same, an equality that appears surprising, it is crucial to arrive at a monetized figure for a unit of Nature/biodiversity and ensure that investing in it will offset the loss caused by diversion. Simultaneous sustainable development of biodiversity is of course a formidable challenge. Accordingly, any oversimplification of biodiversity assessment can lead to inaccuracies and undermine genuine conservation efforts.

The limitations faced in offsetting losses just through CA are amply

conservation efforts.

The limitations faced in offsetting losses just through CA are amply covered by CAG reports.

Unfortunately, the resource position at the world level also, despite the wrath of climate change being faced globally, shows an annual funding gap of about USD 700 billion in nature conservation. Against the above background, the proposed CA and NPV to mitigate the diversion of forest land in the "Hollstic Development of Great Nicobar Island" (GMI) project is worth a look. The Rs72,000 crore investment will divert 130,75 sq. km. of forest land for infrastructure development that includes a transshipment port, an airport, a power plant, a defence base, an industrial park, and a township.

The project involves the felling of an estimated one million trees with habitat destruction that would also impact the life, livelihood, and forest rights of the Shompen; a particularly vulnerable hunter-and-gatherer tribal group. The

DEFENCE BASE,
AN INDUSTRIAL
PARK AND A
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ing that planting native species in arid landscapes and near urban areas is of greater ecological value. Talks are said to be on with the Madhya Pradesh government for situating the balance CA area. The CA in Aravall's arid/semi-arid region, approximately 2,400 kilometres away, to compensate for the loss of pristine rainforests of Great Nicobar is a significant departure from the guideline regarding the positioning of CA land. Reportedly, the CA with 73000 crore's investment is expected to be mostly a revival plan to improve the soil texture and fertility and to make stone boundary walfs since the proposed area already has root stock requiring just protection and suprequiring just protection and sup-plemental planting wherever required. Indicative of the natural limits

required.
Indicative of the natural limits imposed by edaphic, geographical, and climatic factors, the Forest Survey of India (FSI) 2021 report on forest status shows that the carbon stock per hectare in A&N forests is fourth highest in the country; next only to Himachal, Sikkim, and Je& while Harnahas has the second lowest; next only to Delhi.

has the second lowest; next only to Delhi.
This fact does raise questions regarding the possibility and effi-cacy of compensating adequately Nicobar's loss of carbon stock and biomass by investing CA money in Haryana. Considering the aspect of NPV, it is worth noting that Nicobar Island forests are more like that of Malaysia and Indonesia while the Andaman Islands' flora: is more akin to the species found while the Andaman Islands' flora is more akin to the species found in Myanmar, Thailand, and Northeast India. FSI's rapid biodi-versity assessment in A&N Islands in 2018-19 found that shrubs and herbs together were more than double the number of trees. Many species found there do not occur in mainland India. The understory and emergent layers with pro-fuse regeneration, herbs, and

shrubs indicate a vibrant eco wherein approximately half of the mammals, a third of the birds, a wherein approximately man or mammals, a third of the birds, a quarter of the reptiles, and over a tenth of flowering plants are endemic. A crucible for the habitar rights of the Shompen tribe notwithstanding, it is home to the endangered Nicobar Megapode and Leatherback Turtle, and has over twenty thousand coral reefs in its vicinity. In 1989. The UNESCO declared a significant portion of the island as a biosphere reserve. Despite such uniqueness, distinctive parameters, and ecological significance: its NPV per hectare is exactly equals to the forests in Ecoexactly equal to the forests in Eco-classes I and II. GIN is just one

classes I and II. GIN is just one project.
An in-depth analysis of forest land diversion cases can provide, in addition to actionable issues related to limitations and risks in offsetting just through the prevalent CA and NPV model, important insights into ways to minimize harm to Nature, redeemability of loss to forest ecosystems, correct determination of NPV, efficient investments in Nature recovery and restoration initiatives, handling of habitat rights of the primitive tribes and pre-agricultural communities, and regulations needed to ensure accountability.

tions needed to ensure accoun-ability. Nature's monetization and biodi versity markets are fast emerging as potential funding sources for conservation. Their effectiveness demands an honest valuation of diverted forests and a strict implediverted forests and a strict imple-mentation of conservation strate-gies. The outcomes depend on those having the power to decide. Only time will tell, but the deci-sions made today will echo through the annals of history shaping the destiny of our coun-try and of humanity itself. (The writer are former PCCPs of U.P. and Maharashtra; views are personal)

Indian agriculture and climate change: Challenges and strategies

India is forging a path toward climate-resilient agriculture, leveraging innovative strategies, integrated farming practices and government-led initiatives

The agriculture and allied sectors play a central role in the sustainable growth and development of India's economy. These sectors not only ensure food and nutritional security for the country's 1.4 billion people but also contribute significantly to production, employment, and demand generation through various backward and forward linkages. While agriculture constitutes about 16% of India's GIDP, it supports nearly 49% of the workforce (Economic Survey, 2018). However, with over 50% of India's Cultivated land dependent on rainfed irrigation, the sector is highly vulnerable to climate variability. The ongoing challenges to sustain the natural resource base further the agriculture and allied



amplify the adverse impacts of climate change, which dis-proportionately affect the poor. Challenges Posed by Climate Change on Agriculture

Change on Agriculture
1. Rainfall Variability: The Rainfall Variability:The increasing intra-seasonal vari-ability of rainfall has emerged as a major concern. Rainfall patterns are becoming increas-ingly skewed, characterized by fewer rainy days with high-er intensity. This results in sig-

crebates the length of dry spells. Deviations in the hydrological cycle are contributing to extreme events, such as floods extreme events, such as floods caused by intense rainfall or droughts triggered by prolonged dry spells, impacting different parts of the country.

2. Temperature Riser Rising temperatures pose a greater threat to tropical countries like India, which already operate near the higher end of the temperature spectrum. Elevated temperatures influence various climatic factors, adversely impacting crop produced to the control of the countries of the c

ence various climatic factors, adversely impacting crop pro-duction. For instance, extreme heat reduces fruit setting in cir-rus crops and increases tran-spiration losses in vegetables. 3. Livestock and Poultry Impact: Climate variability also affects animal production

temperatures and higher tem-perature-humidity index lev-els lead to reduced feed intake

perature-humdity index lev-els lead to reduced feed intake, lower milk yields, and decreased meat and egg qual-ity. Poultry, in particular, suf-fers from heat stress, resulting in thinner eggshells and increased egg breakage.

4. Pests and Diseases Climate change influences the popula-tion, survival, and geograph-ic distribution of pests and dis-able conditions for pest prolif-eration, making control mea-sures more challenging and unpredictable.

Mitigation and Adaptation Strategies
Adaptation to climate change involves anticipating adverse impacts and taking proactive



measures to minimize damage or leverage emerging opportu-nities. Given that most Indian farmers are smallholders with limited coping capacity, build-ing resilience is key.

immed coping capacity, building resilience is key.

1. Water Resource
Management:Enhancing rainwater productivity through
scientific rain-water productivity through
scientific rain-water havesting,
recycling, and precision water
use is essential. Improved irrigation techniques and water
budgeting can mitigate the
impact of erratic rainfall.

Integrated Farming Systems: Combining crop cul-tivation with livestock, fish-eries, and plantations offers diverse income streams and reduces climate vulnerability. Contingency planning for alternate crops and activities based on agro-climatic condi-tions further strengthens

resilience.
3. Technology and
Innovation: Developing
stress-tolerant crop varieties,
conserving agro-biodiversity,
and promoting resource-efficient technologies are critical.
Pest forecasting models,
weather-based advisories, and
aericultural risk management agricultural risk management systems should be expanded to aid farmers in decision-mak-

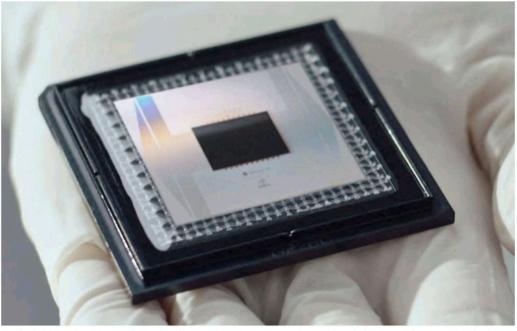
ing.
4. Community Involvement and Education: Engaging

local communities in production system management and raising awareness about cli-mate-resilient practices is vital. Farmers, consumers, and mar-Farmers, consumers, and mar-kets must be educated to embrace sustainable agricul-

mers insist of euticated to embrace sustainable agriculture practices that align with cultural and social contexts. Government Initiatives to Address Climate Change The Government of India has taken several steps to combat climate change. National Action Plan on Climate Change, NAPCCI coluded by the Prime Minister's Council on Climate Change, the NAPCC includes the National Mission for Sustainable Agriculture (NMSA), focusing on resource (NMSA), focusing on resource conservation, soil health, integrated farming, and water-use efficiency.

National Innovations or Climate Resilient Agriculture (NICRA): This initiative pro-vides scientific and technical vides scientific and technical guidance for sustainable agri-cultural development. Key Program Interventions: Policies like the Pradhan Mantri Krishi Sinchayee Voiana National Food Security

Mantri Krishi Sinchayee
Yojana, National Food Security
Mission, and Soil Health Card
Scheme aim to enhance soil
health, water efficiency, and
farm productivity.
District Agricultural
Contingency Plans: These
plans provide integrated solutions for crop, livestock, and
fishery challenges arising from
weather anomalies, supporting
farmers during extreme conditions.
(The writer is a retired IAS
officer; the views expressed
are personal)



Willow is a small chip for Google but a quantum leap for computing

A major impediment to realising quantum computers is the fragility of quantum states. Qubits collapse at the slightest disturbance. This limits the amount of time for which qubits can hold information, how error-free a quantum computer can keep its calculations, and how well it can be scaled

oogle recently unveiled its latest quantum processor, named 'Willow.' The research team that built it also tested it,

and the results were published in *Nature*. They created a great level of buzz about the realisability of quantum

about the realisability of quantum computers that could tackle many practical problems.

The results also kicked up intriguing debates about explaining the power of quantum information processing and how they could solve problems that even the most powerful classical computers struggle with.

Bit versus qubit

Computers process information stored in an array of Os and is. In classical computers, some physical system with two possible states is used to represent these 0s and is. These physical systems are called bits. A common example is an electric circuit that allows two levels of voltage, one called 0 and the other called voltage, one caned of and the other caned I. A classical computer is a collection of bits together, and the information flowing in and out of bits is controlled and in and out of bits is controlled and manipulated by physical operations calle-gate operations. For example, an 'AND' gate accepts two inputs, each either 0 or 1, and outputs I if both inputs are I and 0 for any other combination of inputs. A quantum bit, or qubit, has two distinct states representing 0 and 1. More importantly, a qubit can be in states that are also combinations of 0 and 1. This feature is called quantum superposition.

are also combinations of O and I. This feature is called quantum superposition. Classical bits can't do this. Because of this ability, each qubit needs two distinct ability, each quoti needs two distinct numbers to represent the contributions of 0 and 1 respectively, in the qubit's state. If we have two bits, we need two numbers, one for each bit, to represent the state of the collection. With two quantum bits, we

the collection. With two quantum bits, we need four numbers to represent the state. For 10 bits, we need 10 numbers to represent the state. For 10 bits, we need 10 numbers to represent the state of the collection. For ten qubits, we need 2"0, (10,24) numbers. This exponential growth in the information required to represent qubits' states and the superposition of states are the major reasons why quantum computers could be more efficient and powerful than classical computers. Like a classical computer, a quantum computer is also a collection of qubits and a host of physical operations called quantum gates that change the states of qubits to perform calculations. perform calculations.

Difficult to isolate

A major impediment to realising quantum computers is the fragile nature of computers is the fragile nature of quantum states. Specifically, while classical bits are robust and long-lasting, qubits are fragile and collapse quickly at the slightest disturbance. This in turn limits the amount of time for which qubits can hold information, how errors-free the quantum computer can keep its calculations, and how well a quantum

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It is difficult to isolate a physical gadget to avoid perturbations due to external noise. Therefore, computations are prone to errors. For example, when a bit is expected to represent 0, there is a small chance it may be in the state representing 1. This is called the bit flip error. Methods to identify and fix these errors are called error-correction

protocols.

A single O is represented by three bits in the state 000 (corresponding to each bit in the state 00. If there is a bit-flip error, the resulting state could be 100, 010, or 001 (depending on whether the first, second, or third bit is flipped). Similarly, I is represented as III. If we need to encode 01 as the basic information is true representation is need to encode 01 as the basic information, its true representation is 000111. Looking at the concatenated sequence in groups of three bits, the occurrence of 100, 010, 001, 011,101, or 110, will mean an error has crept in. 110, will mean an error has crept in. When three physical bits represent one logical digit, it is easy to figure out which bit has flipped and correct it suitably before the next step in the computation.

computation.

Similarly, one way to mitigate the effect of errors in a quantum computer is to correct them using additional qubits that keep track of errors creeping in during computations. This is a logical answer to the error problem; it is, however, unsuitable for qubits in superposed states. Creating exact copies of unknown superposed states is prohibited by the no-cloning theorem of quantum physics. On the other hand, error correction often requires error correction often requires redundancy, i.e., providing more qubits than what is needed to encode information. This makes it clear that more than one physical qubit is needed



A cryostat refrigerator for cooling quantum computing chips at Google's Quantum Al lab in Santa Barbara, California. WA REUTERS

to represent a single logical qubit. (Qubits also have another type of error called phase flip error, which presents similar challenges to error correction.) One effective method to detect and

correct errors in a quantum computer without also violating the no-cloning theorem is called surface code. Here, whithout asso violating the for-Colning theorems is called surface code. Here, engineers arrange an array of qubits on a grid. The qubits are grouped into two categories, namely data qubits and measurement qubits. While the error in data qubits is what we wish to identify and correct, any attempt to measure them will force them out of superposition, and whatever information they encode will be lost.

To avoid this, the surface code method provides the set of measurement qubits. These qubits are entangled with data qubits through suitable gate operations. (If two qubits are entangled, any measurement of one particle will instantaneously cause the other particle to lose its superposition state.) In this

instantaneously cause the other particle to lose its superposition state.) In this setup, the presence of errors in the data qubits is inferred by making suitable measurements of the measurement qubits while using the gates to prevent the data qubits from being affected, and thus correcting inconsistencies in data qubits.

The error rate
According to Google, its new quantum
processor, Willow, has significantly better
error correction and is thus significantly
faster than other quantum computers,
not to mention classical computers as
well. The researchers who developed it
tested it by using it to solve a
computationally hard problem. computationally hard problem. Willow houses 105 physical qubits and

operates at temperatures close to the theoretically possible lowest temperature (O K, -273.15° C). Nearly half of these are data qubits, and the remai measurement qubits. The measurement qubits. The superconducting qubits are not strictly two-state systems. When performing gate operations, the physical system can get excited or leak' to states other than 0 and 1. These excited states can subsequently interfere with the computations and introduce errors. So a few qubits – i.e. the measurement qubits – are reserved to correct such leakage errors.

Coherence time is the duration over which an intended state (typically, superpositions) of a qubit can survive without being changed due to interactions with the environment or with other parts of the computer. The

interactions with the environment or with other parts of the computer. The coherence time of data qubits on Willow is about 100 microseconds, which is more than the coherence time of the physical qubits. This is a consequence of the error correction protocols used. This in itself is an interesting result because it means the information-holding time can be improved by external manoeuvring.

The next milestone for researchers to achieve is to lower the error rate — calculated as the ratio of the number of qubit errors to the number of gate

Willow houses 105 physical qubits and operates at temperatures close to the theoretically possible lowest temperature. Nearly half of these are data qubits, and the

operations – as they build ever-larger quantum computers with more physical qubits and more error correction operations. Google alone has progressed from 3-by-3 to 5-by-5 to 7-by-7 arrays of data qubits, and the error rate has decreased by more than half in each step. What one expects for a collection of qubits on a circuit is that the error rate either remains the same or increases as the number of qubits is increased. That the error rate becomes smaller as more qubits are added is the below-the-threshold capability of Willow's below-the-threshold capability of Willow's below-the-threshold capability of Willow's qubits are added is the below-the-threshold capability of Willow's architecture and operation. This is vital to achieving quantum processors with enough qubits that perform almost error-free computations of problems of practical relevance — the ultimate goal.

No dead ends

No dead ends
The particular computationally difficult task with which Google tested Willow is called random circuit sampling (RCS). In the RCS task, Willow has to calculate the probability of occurrence of possible strings of 0s and is in the output when the quantum gates that act on the qubits are chosen randomly. If there is no noise, RCS is a computationally hard task, meaning that the number of calculations required to make the prediction increases required to make the prediction increases exponentially with the input size.

Willow completed the RCS task for random gate operations realisable on Willow in a few minutes. The researchers estimated that the same task on the most powerful classical computer available today would take 10 septillion years (i.e., 1

powerful classical computer available today would take 10 septillion years (i.e., 1 followed by 24 zeroes). To compare, the universe's age in years is approximately 1 followed by 10 zeroes. It is plausible that classical computers running better algorithms may eventually match Willow's feat, although researchers are not aware of such improvements today.

Researchers are still a long way away from realising quantum processors of reasonable size to be useful in practical contexts. This said, it's only natural that Willow created the sort of buzz that it did: it has shown that the major issues in realising a reliable quantum computer can be addressed and surmounted, that they are not dead ends. The work of the Google team provides hope that quantum computers may soon help us unravel nature's mysteries and also solve computationally difficult problems in drug design, materials science, climate modelling, and optimisation, among others – all with deep societal impact.

(S. Srinivasan is a professor of physics at Kra University.



A Brazilian security officer during an operation to combat illegal mining in the Amazon. REUTERS

Amazon caps brutal year of fires, drought

2024 was a brutal year for the Amazon

2024 was a brutal year for the Amazon rainforest, with rampant wildfires and extreme drought ravaging large parts of a biome that's a critical counterweight to climate change.

A warming climate fed drought that in turn fed the worst year for fires since 2005. And those fires contributed to deforestation, with authorities suspecting some fires were set to more easily clear land to run cattle.

The Amazon is twice the size of India and sprawls across eight countries and one territory, storing vast amounts of carbon dioxide that would otherwise warm the planet.

It has about 20% of the world's freshwater and astounding biodiversity,

It has about 20% of the world's freshwater and astounding bloidwersity, including 16,000 known tree species. But governments have historically viewed it as an area to be exploited, with little regard for sustainability or the rights of its Indigenous peoples.

"The fires and drought experienced in 2024 across the Amazon rainforest could be ominous indicators that we are reaching the long-feared ecological tipping point," said Andrew Miller, advocacy director at Amazon Watch, an organisation that worls to protect the rainforest.

loss in Brazil's Amazon, home to the largest swath of this rainforest, dropped 30.6% compared to the previous year, the lowest level of destruction in nine years. The improvement under leftist

President Luiz Inácio Lula da Silva contrasted with deforestation that hit a 15-year high under Lula's predecessor

15-year high under Lula's predecessor, far-right leader Jair Bolsonaro, who prioritised agribusiness expansion and weakened environmental agencies. In July, Colombia reported historic lows in deforestation in 2023. The country's environment minister warned that 2024's figures may not be as promising as a significant rise in

The Amazon has about 20% of the world's freshwater and astounding biodiversity, including 16,000 known tree species. But governments have historically viewed it as an area to be

deforestation had already been recorded

deforestation had already been recorded by July due to dry weather caused by El Niño, a weather phenomenon that warm the central Pacific. Illegal economies continue to drive deforestation in the Andean nation.

"It's impossible to overlook the threat posed by organised crime and the economies they control to Amazon conservation," said Bram Ebus, a consultant for Crisis Group in Latin America. "Illegal gold mining is expanding rapidly, driven by soaring global prices, and the revenues of illicit economies often surpass state budgets. economies often surpass state budgets allocated to combat them." In Brazil, swaths of the rainforest were

draped in smoke in August from fires raging across the Amazon, Cerrado ah, Pantanal wetland, and the state of São Paulo. Fires are traditionally used for deforestation and to manage pastures, and those human-made blaze largely responsible for igniting the wildfires.

wildfires.
For a second year, the Amazon River fell to desperate lows, leading some countries to declare a state of emergency. In Brazil, one of the Amazon River's main tributaries dropped to its lowest level ever recorded.
It was the worst year for Amazon fires since 2005. according to nonprofit

since 2005, according to nonprofit Rainforest Foundation U.S. Between January and October, 15.1 million hectares of Brazil's Amazon burned. Bolivia had a record number of fires in the first 10 months of the year.

For feedback and suggestions for 'Science', please write to science@thehindu.co.in with the

subject 'Daily page













