

Thursday, December 5, 2024

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Think Ahead. Think Growth.

mint primer

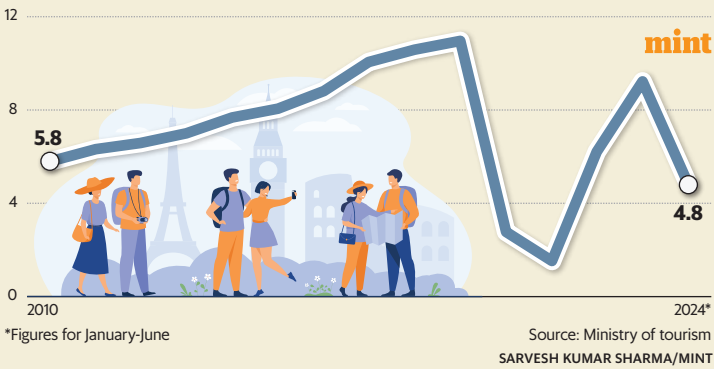
# Why are foreign tourists giving India a miss?

BY SUMANT BANERJI

A post on falling foreign tourist arrivals in Goa has gone viral on social media. But it is not restricted to Goa. Foreign tourist footfall has seen a decline in the past few years and is yet to recover to peak pre-pandemic levels. *Mint* looks at the reasons:

## Weaker inflow

Foreign tourist arrival in India is yet to pick up to levels seen before the pandemic. Foreign tourist arrival in India (in million)



### 1 How many foreign tourists visit India?

In 2023, foreign tourist arrivals in India grew 43.5% to 9.3 million from 6.4 million in 2022. However this was still significantly below the 2019 pre-pandemic peak of 10.9 million. In the first half of 2024, some 4.8 million foreign tourist arrivals have been registered. But though tourism typically peaks in the latter half of the year, it is unlikely to touch 10 million this year. India ranks 39 out of 119 countries in World Economic Forum's Travel and Tourism Development Index. The US, Spain, Japan, France and Australia are the top 5 with India placed below China, Indonesia and Malaysia.

ISTOCKPHOTO



### 2 What are the reasons for the slow recovery?

Global tourism took a significant hit during the pandemic in 2020 and 2021 but recovered sharply thereafter. In 2023, international tourism reached 89% of pre-pandemic levels and in the first half of this year, it has gone up to 96% according to the UN. India's tally during the same period was 9% more than in 2023 but was still around 10% less than in the first half of 2019. India faces strong competition from countries such as Vietnam, the Philippines, and Sri Lanka that are perceived to be more tourist-friendly. Law and order, air pollution, and modest public infrastructure are some factors keeping tourists away.

### 3 Which is the top source country for visits to India?

Bangladesh and the US are the top source countries accounting for nearly 40% of all foreign tourist arrivals, followed by the UK, Canada, and Australia. Nearly 45% visit India for leisure and recreation, while over a quarter belong to the large Indian diaspora. The national capital, New Delhi, is by far the biggest entry point accounting for 30% of tourists every year.

### 4 How has this impacted business?

Tourism is a big contributor to foreign exchange earnings. In 2023, it generated revenue of ₹2.3 trillion, higher than the ₹2.1 trillion of 2019 even as footfall lagged, which means per capita spending of travellers has gone up. In the first half of this year, ₹1.27 trillion has been generated which is 29% more than the same period in 2019. According to Crisil, the spend per foreign tourist has gone up from ₹2 lakh to ₹2.7 lakh in 2024. Higher earnings are due to higher hotel tariffs and airline ticket prices, plus a weaker rupee.

### 5 Is anything being done to reverse the trend?

Steps being taken include facilitating easy availability of e-visas and reducing the cost, promoting adventure and niche tourism and launching a 24x7 multilingual helpline. Over the past few years, around \$1 billion has been spent to improve the tourist experience and upgrade infrastructure. Yet a lot more needs to be done, especially in simplifying and expanding visa-on-arrival, where South-east Asian countries have an edge and improving air connectivity with other parts of the world.

## QUICK EDIT

# Words to be heeded

With social and development spending rising steadily, government finances have been under pressure. This seems to have put overzealous revenue authorities on a constant look-out for how to squeeze more money out of tax assessees. If such a pursuit goes overboard, however, it risks roiling India's investment environment. That Indian authorities appear mindful of this danger is clearly good news. On Wednesday, revenue secretary Sanjay Malhotra told tax officials to be careful, lest they end up hurting industry and thus the economy. Indeed, our record on tax stability has taken blows in recent times and accounts abound of firms and individuals being slapped with tax notices. While efforts have been made to simplify laws and ease compliance, cases of staggering tax demands from corporates create an impression of revenue maximization being on overdrive. Litigation over tax needs to reduce and all liability requires clarity. In general, taxation should be free of coffer-filling anxiety and must always aim to support processes of economic growth, in which investor confidence plays a significant role. The top revenue official's words of caution need to be heeded by all tax officers.

## QUOTE OF THE DAY

Policy has a key role to play at the current juncture to manage risks and to unleash the prospects for stronger, resilient and sustainable growth. This requires concerted action on monetary, fiscal, and structural policies.

ALVARO PEREIRA  
CHIEF ECONOMIST,  
OECD



## INSIDE

Mark to Market: Swiggy needs Instamart to rev up >P4

Global: How painful will Trump's tariffs be for American businesses >P8

Money: From clutter to clarity: How a jeweller fixed his finances >P11

Views: Banking reforms must show greater ambition >P12

Business of Life: Challenging conventional binaries of existence >P14

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Do you think relaxations in the income tax slabs in the last Budget were satisfactory?

A. Yes

B. No

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# India’s aviation leader pilots turbulent skies

BY MANJUL PAUL

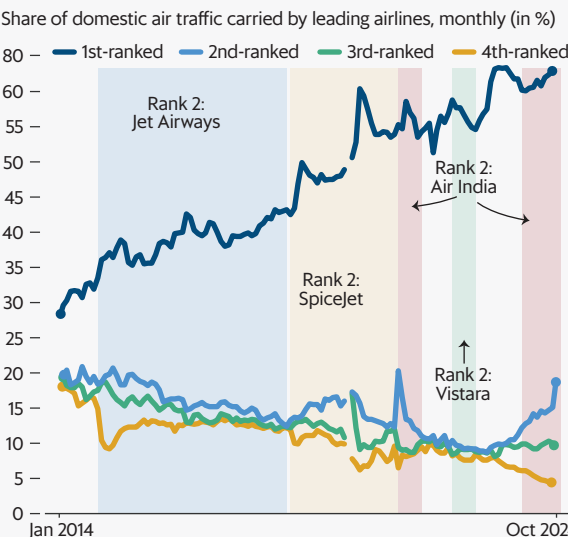
On 17 November, India’s domestic air traffic surpassed half a million passengers in a single day for the first time, a milestone for the aviation sector. As air travel soars, one player has continued to increase its dominance even as rivals explore consolidation strategies. In October, the last full month with available data, India’s top airline, IndiGo, expanded its outsized market share for the fourth straight month, to nearly match its all-time high of 63.4% set last year. The aviation sector, which has witnessed the collapse of carriers like Kingfisher, Jet Airways, and GoFirst, has found a rare pillar of stability in IndiGo. Its low-cost business model has enabled it to navigate turbulence with remarkable consistency and growth.

From a modest fleet of six aircraft in 2006, IndiGo has steadily risen to dominate India’s skies, holding the top position for over a decade. It surpassed 50% of the domestic market in 2020 and crossed 60% last year, cementing its leadership, shows data. Even the merger of Vistara and Air India in November is unlikely to challenge IndiGo’s supremacy, as the combined entity would control no more than 29% of the domestic passenger market, based on October figures. Among the top airlines in the five largest markets, according to data analytics firm OAG, —US, China, India, Brazil, and Indonesia—only Indonesia’s Lion Air Group rivals IndiGo’s dominance, with a 64.6% share in 2023. In contrast, market leaders in US and China command just 12-17% of their respective markets.

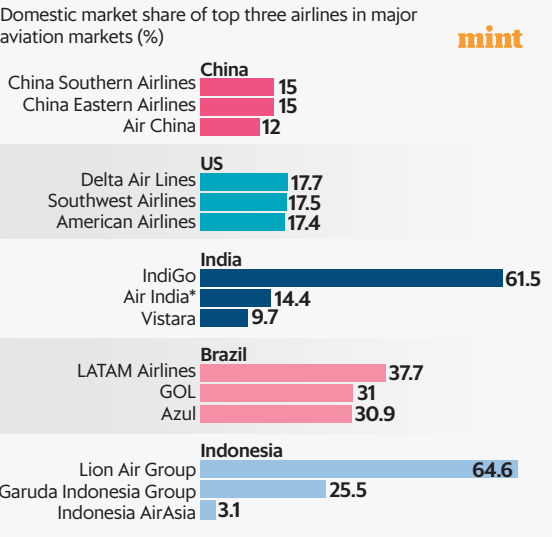


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## IndiGo has continued to extend its lead in air passenger traffic



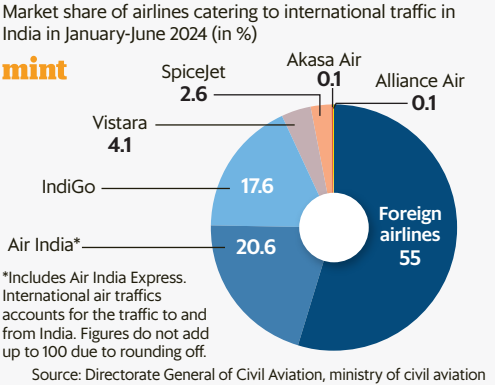
## IndiGo's dominance is an unusual case among large aviation markets



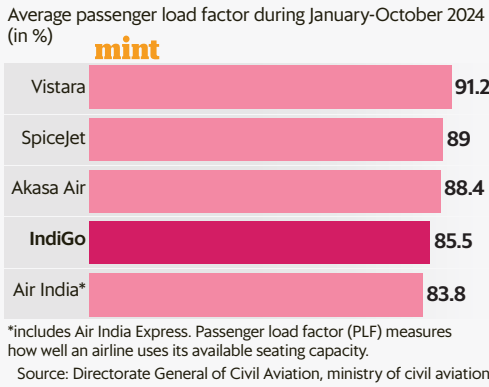
## International Reign

WITH A fleet of over 400 aircraft, IndiGo is among the world’s top 10 airlines by fleet size. The carrier dominates domestic air travel and has a substantial share of international traffic. While foreign airlines collectively handle 55% of international air traffic involving India, no single carrier dominates the segment. Even Emirates, the leader among foreign airlines, has just 7.9% of international traffic in the first half of 2024, while other foreign carriers individually held market shares below 4%. Homegrown airlines’ share of international air travel ranged from 2-20% in the first half of 2024. IndiGo led the domestic pack with a 17.6% share of international traffic during this period. However, when Air India and its subsidiary Air India Express are considered together, their combined share of 20.6% makes the group the largest overall carrier for international air traffic during January–June 2024.

## IndiGo also controls a large share of India's international air traffic



## IndiGo's relatively low PLF shows room to improve efficiency



## Full Flight Potential

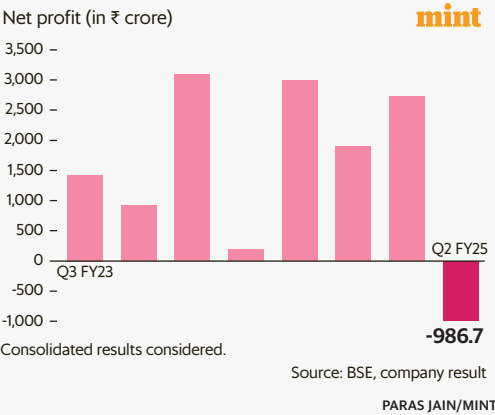
WHILE INDIGO reigns supreme in domestic air travel and has made significant strides in international markets, a deeper analysis of key performance metrics reveals a more nuanced picture of the airline’s operational efficiency. Passenger load factor (PLF) is a crucial metric of efficiency that measures how much of an airline’s seating is utilized. Between January and October, IndiGo’s average PLF was 85.5%, which was higher than Air India’s 83.8%, but both lagged other carriers. The erstwhile Vistara led with 91.2%, followed by SpiceJet at 89% and Akasa Air at 88.4%. These figures suggest that despite IndiGo’s market dominance, the airline has room for improvement in maximizing seat occupancy and operational efficiency. A higher PLF can generally translate to higher profit margins for airlines as fixed costs are spread across more passengers.

## Financial Turbulence

INDIGO FACED a significant setback in the September quarter of FY25, ending seven quarters of consolidated profit. The airline reported a net loss of ₹986.7 crore, down from the ₹189 crore profit last year and the ₹2,728 crore profit in the June quarter. The losses were due to high fuel costs and aircraft groundings. “While the cost structure problem will get resolved soon with the reduction in AoG (aircraft on ground), early signs of pricing pressure are visible as passenger revenue per available seat kilometre is likely to witness a correction in Q3,” said a Prabhudas Lilladher report. Analysts said that the airline’s market leadership will prevent a major drop in earnings due to pricing pressure. IndiGo dominates the market but faces headwinds in rising costs and profitability. As IndiGo navigates these skies, it will look at refining its plan to ensure sustained growth and profitability.

manjul.paul@livemint.com

## Fuel costs and grounding expenses dragged IndiGo's profits in Q2



## MINT NEWSLETTERS

### EASYNOMICS

BY VIVEK KAUL



Discover the economics behind IPL auctions in this week’s Easynomics by Vivek Kaul. From market dynamics to the “winner’s curse,” delve into how scarcity, strategy, and even luck shape player valuations. Gain insights into economic principles through cricket.

### MARKET TRENDS

BY VIJAY L. BHAMBWANI



December ushers in bullish sentiment as quarter and year-end dynamics drive market moves. Ticker explores how institutional strategies, RBI’s decision and geopolitics shape the landscape. Dive into sectoral trends, commodities outlook and data-driven metrics.

### SATURDAY FEELING

BY SHALINI UMACHANDRAN



Explore golf tourism’s rise, the eclectic soundtrack of All We Imagine As Light, and the rising trend of open-water swimming in India. Discover dhoti styling hacks, and step back in time with a photo exhibition on Havana. Your perfect weekend read awaits in Saturday Feeling!



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Inside the Race to Restore Notre Dame

► P10

Vodafone UK to sell entire stake in Indus Towers

► P3



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# GIC to secure majority in TPG-backed Asia Health

Singapore fund may add 15% stake, turn majority owner of hospital platform

Mansi Verma & Dipti Sharma  
MUMBAI

Singapore's GIC is close to raising its stake in Asia Healthcare Holdings (AHH) ahead of a potential public listing of the healthcare platform in the next year or two, four people aware of the development said.

The Singapore sovereign fund will acquire 15% more stake in AHH from majority owner TPG, one of the four people cited above said on the condition of anonymity. Once the transaction is complete, GIC will turn AHH's biggest shareholder.

AHH, which owns Motherhood Hospitals, Asian Institute of Nephrology and Urology and Nova IVF, was floated by TPG in 2017. It is led by Vishal Bali, Asia head of healthcare at TPG Growth and a former CEO at Fortis Healthcare and Wockhardt Hospitals.

TPG, which has invested in AHH through TPG Growth, its equity investment arm, is selling some of its stake to return cash to its investors, the second person said.

The investment may value AHH at \$800-900 million, the third

HEALTH CHECK

While TPG holds the majority stake in Asia Healthcare, GIC, which invested \$170 million in 2022, is the second largest investor

GIC to acquire 15% more in AHH

AHH to be valued at \$800-900 million

IPO planned in 1-2 years

GIC-TPG deal in the documentation stage



TAKING REINS

TPG floated Asia Healthcare in 2017; GIC invested in 2022

AHH owns hospitals including Nova IVF, Motherhood

TPG selling some stake to return cash to its investors

Growth retained the majority.

With this transaction, TPG is expected to become a minority stakeholder in AHH, while GIC will raise its stake to majority. "The deal may also include provisions for assured returns linked to the potential IPO," a fourth person said.

AHH acquired a majority stake in the Asian Institute of Nephrology and Urology in September 2023 for ₹600 crore. Earlier in May 2019, TPG sold Cancer Treatment Services International to NYSE-listed Varian Medical Systems for \$283 million.

Sumit Gupta, healthcare analyst at Centrum Broking, noted that several Indian hospitals as well as companies in diagnostics, medical devices and pharma distribution have gone public since the covid pandemic. "This trend has been fuelled by private equity promoter exits and a favourable environment for healthcare companies, driven by rising demand and strong growth prospects..Overall, in the healthcare space from April 2020, there have been more than 20 IPOs with a total size of ₹35,000 crore, he added.

*mansi.verma@livemint.com*

# Brands disguising ads for restricted items to face heat

Dhirendra Kumar  
dhirendra.kumar@livemint.com  
NEW DELHI

Music CDs sporting liquor brand logos? Playing cards named after cigarette brands? Surrogate advertising that survived for long in the face of rules is expected to face a setback, with the Centre finalizing draft rules to plug existing loopholes.

The Central Consumer Protection Authority (CCPA) plans to release much-awaited draft guidelines on surrogate advertising as early as this month, two people aware of the matter told *Mint*. The guidelines will aim to strengthen compliance, particularly in areas such as digital marketing and celebrity endorsements, the people said on the condition of anonymity.

"The draft is ready and has been designed to ensure it is appreciated by all key stakeholders. These norms have been finalized after thorough consultations with all parties concerned, including representatives from the beverages industry, consumer groups, and law enforcement agencies," one of the two people mentioned above said.

CCPA will release draft rules on surrogate ads. AFP

Under the proposed rule, liquor manufacturers leveraging glassware, music CDs, or any other item to promote their products will be required to regularly submit market reports on their retail availability and sales, the person added. This is to ensure that the product is real, and does not just appear in advertisements as a vehicle for the brand.

*Mint* first reported on the plan to crack down on surrogate advertisements on 14 March.

If the unrestricted product or service advertised is registered

DON'T MISS



Services sector growth slips in November, input costs jump

Services sector growth fell slightly in November, owing to a drop in growth of new orders and output, a survey showed. Input costs rose the fastest in 15 months, while selling prices rose at their fastest rate in almost 12 years..

►P2

Rupee at record closing low as Asian peers regain ground

The Indian rupee logged its weakest closing level of 84.74/\$ on Wednesday. The rupee was unable to benefit from gains in most of its Asian peers, including the offshore Chinese yuan which rose 0.2% to 7.28 after hitting a one-year low on Tuesday.

►P4

Pernod's internal probe shows its top India officials broke law

An internal investigation ordered by Pernod Ricard concluded that top executives at its India business violated the law by colluding with alcohol retailers in New Delhi, as per a document seen by Reuters, even as the cos' representatives denied wrongdoing.

►P5

Kuwait explores storing oil in Indian strategic reserves

Kuwait's state-owned explorer and refiner is evaluating storing crude in Indian underground caverns under the second leg of the government's programme to boost strategic petroleum reserves in the world's third biggest oil importer.

►P6

# Honda weighs cleaner models to meet tougher CAFE norms

Alisha Sachdev  
alisha.sachdev@livemint.com  
NEW DELHI

Honda Cars India is preparing to launch hybrid and electric cars in the coming years as emission norms are set to get stricter with the upcoming stage-3 of the Corporate Average Fuel Efficiency (CAFE) regulations, a top company official said.

Corporate Average Fuel Efficiency norms, which were first introduced in 2017-18, are aimed at improving the fuel efficiency of vehicles, leading to reduced fossil fuel consumption and carbon dioxide (CO2) emissions. The second stage of CAFE has been in effect since 2022-23, with the third stage set to come into force in 2027. CAFE norms apply to the average fuel consumption of all the vehicles sold by an automaker in a given financial year.

The company is looking ahead to 2027, counting on hybrid and electric vehicles to meet the stricter CAFE-III standards. It plans to introduce three new electric models by 2026-27 as part of a broader strategy to align its

Honda Cars India is looking ahead to 2027, counting on hybrid and electric vehicles to meet the stricter CAFE-III standards. BLOOMBERG

India portfolio to its global electrification goals.

"We are currently navigating CAFE-II norms, and honestly, it's a little tough at this moment," Takuya Tsumura, president and chief executive of Honda Cars India told *Mint*. "Looking ahead, we are focused on meeting CAFE-III norms with a line-up of electrified vehicles and hybrids."

Globally, the Japanese car-maker has set a target to achieve 100% electrification by 2040, which includes battery electric vehicles (BEVs) and fuel cell vehicles. By 2030, two-thirds of its sales are expected to be electric vehicles.

Tsumura confirmed that Honda's India product roadmap, which currently involves only petrol and mild-hybrid models, will also reflect the same direction, with three electric models set to debut in 2026-27. One of these will be a BEV based on Honda's Elevate mid-SUV model.

"At least hybrids are the way forward for us to meet CAFE norms and achieve our carbon-neutral goals in India," Tsumura added.

Honda faces uncertainty regarding penalties for non-compliance with current

# Careful in tax chase, revenue secy tells staff

Gireesh Chandra Prasad  
gireesh.p@livemint.com  
NEW DELHI

Cautioning tax officials to not kill the goose that lays the golden egg in the process of tax collection, revenue secretary Sanjay Malhotra told a gathering of officials that they need to be careful not to hurt the economy's interests in the hunt for revenue.

"We are here not only for revenue (collection for the

exchequer), we are here also for the country's economy," Malhotra said. "And so, if in the process of garnering some small amount of revenue, we are hurting the whole industry and the country's economy, then certainly, that is not the intent."

The revenue secretary was speaking on Wednesday at the 67th foundation day of anti-smuggling agency Directorate of Revenue Intelligence (DRI) in the capital.

The message comes in the backdrop of an explosion of tax notices, especially pertaining to GST (goods and services tax). More than 1,000 GST notices have been sent to businesses across industries such as insurance, aviation, software exporters and online gaming in the weeks to 5 August, leading to tax disputes.

That was the cut-off date for the authorities to enquire about alleged short payment

of taxes and wrongful use of tax credits in 2017-18, *Mint* had reported earlier. The final orders on these notices are expected from GST authorities by February 2025.

Malhotra urged the officials to exercise fair judgement while evaluating cases. "We have to be very careful when we take action in the case of failures of technical nature involving issues of interpretation or classification of product or service, leading to high-

pitched tax demand," Malhotra told the gathering.

He added that the CBIC (Central Board of Indirect Taxes and Customs) has rightly come out with a circular, instructing all field officers to check with the policy wing of the Board to check whether an action amounts to tax evasion or is just a technical infringement, Malhotra said.

"CBIC has been advocating

# Saudi Arabia is losing its grip on global oil markets

Summer Said, David Uberti & Benoit Faucon

Saudi Arabia's sway over the Organization of the Petroleum Exporting Countries long meant unquestioned dominance of the global oil market. Those days are over, at least for now.

The kingdom is struggling to execute its plan to keep prices elevated. Higher prices would help pay for Saudi's infrastructure-spending

spree, including \$1 trillion of projects designed to rapidly pivot the economy away from oil. It would also pinch drivers at the pump and contribute to risks that inflation could stage a global comeback.

But the cartel's increasingly fractious members are pushing to pump more and maximize short-term profits, in part due to the expectation of growing competition from U.S. shale drillers emboldened by former President Donald Trump's re-election.

The kingdom is struggling to keep prices elevated. AP

"We have more liquid gold than any country in the world," Trump said in his victory speech on Nov. 6. "More

than Saudi Arabia. We have more than Russia."

Ahead of Thursday's scheduled meeting of OPEC+, that creates a dilemma for its de facto leadership in Riyadh: continue defending the price of oil, or fight to take back market share.

It appears the Saudis aren't inclined to start another price war.

Saudi officials say the kingdom is likely to keep the spigots tight on its own production, further pushing back plans to loosen them that were already delayed twice.

"They won't be able to bring

oil back online next year," said a Saudi official.

Yet another major producer, the United Arab Emirates, has been allowed to add more barrels into the market from January. And Iraq and Kazakhstan are also lobbying the cartel to bring more production of their own, which would boost supplies further and likely depress prices.

OPEC+ is comprised of the core Saudi-led cartel as well as a group of other major oil-producing allies, including Russia.

The Saudis tried to fight U.S.





A GST hike on readymade garments could dampen the wedding season.

## Garment makers wary of GST rate hike on readymades

Dhirendra Kumar & Gireesh Chandra Prasad

NEW DELHI

An increase in the goods and services tax (GST) rate on certain readymade garments, currently being discussed by a ministerial panel, could be a dampener for the ongoing wedding season, textile manufacturers said.

According to estimates from the Clothing Manufacturers Association of India (CMAI), bridal wear accounts for 10-12% of the total clothing market, underscoring its significance.

A group of ministers (GoM) led by Bihar deputy chief minister Samrat Chaudhary as part of the GST rate rationalization exercise is discussing whether to increase the rate for readymade garments priced above ₹1,500 while reducing the tax on cheaper ones.

But the central government on Tuesday distanced itself from the proposal in an indication that the Centre and the ministerial panel may not be on the same page on it yet.

Reuters reported on Tuesday that the panel on Monday decided to hike the tax on sin goods like aerated beverages, cigarettes, tobacco and related products to 35% from the present 28%, and to rationalize the rates on apparel, quoting an official.

As per the decision, readymade garments costing up to ₹1,500 would attract 5% GST, and those between ₹1,500 and ₹10,000 would attract 18%. Garments costing above ₹10,000 would attract 28% tax, the report said.

India's wedding industry has grown to an estimated \$130 billion, making it the second-largest consumer sector after food and groceries, according to a recent report by Jefferies Group, a global investment banking firm.

Rahul Mehta, chief mentor of CMAI, expressed concern over the proposed 28% GST slab for garments priced above ₹10,000. Mehta cautioned that such a move could severely impact the industry and consumers alike, calling it a "big shocker" for the sector.

To read an extended version of this story, go to [livemint.com](#).

# Big chunk of IndiaAI Mission fund to go into AI compute

Forty-four percent of ₹10,371.92 crore earmarked for providing capacity of over 10,000 GPUs

Aditi Agrawal  
letters@hindustantimes.com  
NEW DELHI

Forty-four percent, or ₹4,563.36 crore, of the ₹10,371.92 crore approved by the Cabinet for the IndiaAI Mission in March is earmarked for providing compute capacity of more than 10,000 graphics processing units (GPUs) over a period of five years, minister of state for electronics and information technology Jitin Prasada informed the Lok Sabha on Wednesday in a written response.

Nineteen percent, or ₹1,971.37 crore, is allocated for an IndiaAI Innovation Centre (IAIC). The IAIC will develop and deploy indigenous large multimodal models (LMMs) and domain-specific foundational models in critical sectors. Another 18.7%, or ₹1,942.5 crore, is allocated for startup financing.

This was the first time that the government has given details of allocations for the seven pillars under the IndiaAI Mission. The entire corpus is meant for a period of five years. Prasada was answering a question by Trinamool Congress MP Sajida Ahmed.

In July, a new allocation of ₹551.75 crore was made for the IndiaAI Mission in the Centre's budget for MeitY.

The IndiaAI Mission will be implemented by the 'IndiaAI' Independent Business Division (IBD) under the Digital India Corporation (DIC) of the ministry of electronics and information technology (MeitY).



This was the first time that the government has given details of allocations for the seven pillars under the IndiaAI Mission.

BLOOMBERG

nology (MeitY).

A total of 8.5%, or ₹882.94 crore, is allocated for IndiaAI FutureSkills [sic] through which the government will focus on increasing the number of AI courses at the undergraduate, postgraduate and doctoral levels, and setting up data and AI Labs in tier-II and III cities to teach foundation level courses.

Hindustan Times

Another 6.6%, or ₹689.05 crore, is allocated for the Application Development Initiative while 1.9%, or ₹199.55 crore, has been allocated for the Data-sets Platform through which the government will make public sector data sets AI-ready and give real time access to data through APIs (application programming interfaces).

"The beneficiaries of the non-personal data sets curated by this platform are Indian startups and researchers for the development of AI platforms and tools, with appropriate security and privacy controls in place," the minister said.

Another 0.19%, or ₹20.46 crore, has been allocated for the 'safe and trusted AI pillar'. Under this pillar, eight projects were selected in October to ensure "responsible development, deployment, and adoption of AI technologies". These eight projects are on machine unlearning (IIT-Jodhpur), synthetic data generation to mitigate bias in

₹1,971 cr  
Allocated for an IndiaAI Innovation Centre

## Policy for wet-leasing aircraft weighed

Neha L.M. Tripathi  
letters@hindustantimes.com  
NEW DELHI

Indian airlines will soon be able to expand and launch new routes through wet-leased aircraft with the government likely to announce relaxed norms soon, two officials confirmed. Current rules do not allow airlines to launch new routes on wet-leased aircraft, which is when airlines are facing delays in inducting new aircraft due to supply chain issues across the globe.

This relaxation could benefit airlines like IndiGo and SpiceJet, which can use wet-leased aircraft to launch new routes too. While IndiGo has wet-leased dual-aisle aircraft for international operations, SpiceJet keeps inducting such aircraft for its operations.

"The government is streamlining the policy for wet-leasing aircraft that will allow airlines to use these aircraft for new routes too. While a couple of airlines are into wet-leasing aircraft, occasionally all airlines will have a need for it," an official close to the development said, requesting anonymity.

A wet lease refers to a deal



Current rules do not allow airlines to launch new routes on wet-leased aircraft.

MINT

between two airlines where one airline provides an aircraft, crew, maintenance, insurance and other services to the other for a certain period of time.

The move is set to help airlines that have plans to expand on new routes but are not able to due to supply chain issues leading to unavailability of new aircraft. Air India and Akasa, which are currently expanding on the back of Boeing 737 MAX aircraft, are set to see deliveries decline due to labour and safety issues being faced by the American aircraft maker.

India's domestic aviation market has been an outlier post

the covid-19 pandemic and has been recording growth with the one-day domestic passenger number hitting a record of over 505,000 during the month of November. The highest one-day passenger number was at 420,000 before the pandemic.

Post the pandemic, the aviation industry also witnessed an airline grounding in Go First and a sharp reduction in flight capacity by SpiceJet. Despite that, passenger numbers have maintained an upward trajectory,

and allowing wet-leased planes will help aid growth.

The official said the new rules are designed to help airlines in ease of doing business while simultaneously helping the aviation network grow.

"The reality of the challenges in India cannot be addressed overnight. On the other hand, with different parts of the country constantly developing, the number of possible routes is steadily increasing. People want to fly more, so the focus is on facilitating the growth of Indian aviation," he added.

Industry watchers want the Indian agency to have the authority to regulate these aircraft. "The government may be doing it to help a certain airline and this may help the whole industry. But the government will have to ensure that Indian agencies have full control over the regulation of these aircraft too. It is imperative that the DGCA (Directorate General of Civil Aviation) has control over these aircraft," said Mark Martin of aviation consultancy Martin Consultancy.

The move is set to help airlines with plans to expand on new routes but which are unable to due to supply chain issues

## India's services sector growth falls marginally in November

Rhik Kundu  
rhik.kundu@livemint.com  
NEW DELHI

India's services sector growth fell slightly in November from the previous month, owing to a drop in growth of new orders and output, a survey released on Wednesday showed.

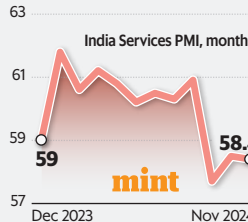
The HSBC India Services Purchasing Managers' Index (PMI), compiled by S&P Global, fell to 58.4 in November from 58.5 in October, but was higher than the 57.7 figure reported in September. It has been above the 50-point threshold that separates expansion from contraction for more than 40 straight months. The index surged to 60.9 in August but has been below that ever since.

The survey revealed that ongoing improvements in sales led to increased capacity at companies and boosted job creation.

The downside to this was an intensification of price pressures, with input costs seeing their highest increase in 15 months and selling prices increasing at their fastest rate in almost 12 years.

### On the wane

The HSBC India Services PMI surged to 60.9 in August but has been below that ever since.



Note: A reading above 50 denotes expansion, while one below 50 indicates contraction.  
Source: HSBC, S&P Global  
SARVESH KUMAR SHARMA/MINT

"Total sales increased at a softer pace than in October, but the respective seasonally adjusted index was nevertheless more than four points above its long-run average and consistent with robust growth," the survey said. "New export orders increased at a solid rate that was the quickest in three months, but well below those seen around mid-year."

The survey noted that growth was reported from clients in Asia, Europe, Latin America and the US.

The services sector—the cornerstone of India's economy—

contributes more than half of the country's gross domestic product (GDP). India's economy surged 8.2% in FY24, bolstered by a 7.8% expansion in the March quarter and surpassing the Reserve Bank of India's projected 7% growth rate for the fiscal year.

However, growth softened to 6.7% in Q1 FY25, the slowest in five quarters. GDP growth further slowed to 5.4% during Q2 owing to a slowdown in manufacturing and urban consumption, and disappointing corporate earnings.

"During November, services sector employment notably grew at the fastest pace ever recorded since this survey began in 2005. The hiring surge reflected the sector's improving business confidence, growing new orders, and vigorous international demand," said Pranjul Bhandari, chief India economist at HSBC.

"At the same time, high food and labour costs drove input and output prices to their fastest rates in 15 months and nearly 12 years, respectively."

To read an extended version of this story, go to [livemint.com](#).

## MINT SHORTS

### India's external debt rose by \$31 bn to \$647 bn in 2023: WB

**New Delhi:** India's total external debt increased by \$31 billion to \$646.79 billion in 2023, according to a World Bank (WB) report. India's interest payment increased from \$15.08 billion in 2022 to \$22.54 billion in 2023, the report added. While long-term debt stocks rose 7% to \$498 billion in 2023, short-term debt stocks fell marginally to \$126.32 billion.

### Rooftop solar installations to hit 1 mn by fiscal end: Official

**New Delhi:** The government has taken a series of steps

such as building robust information technology IT systems, cutting down regulatory barriers, and efficiency in subsidy disbursement to speed up domestic rooftop solar installations, which are expected to reach one million by the end of this fiscal under a scheme, a senior official said on Wednesday.

### 'Food inflation in policy formulation a complex issue'

**Mumbai:** Nilesh Shah, a part-time member of the Economic Advisory Council to the Prime Minister, on Wednesday said the debate on whether food inflation in policy formulation is a complex issue, and questioned if the numbers are being computed correctly. Shah, managing director and chief executive of Kotak Mutual Fund, questioned if the computation takes into account free food to over 800 million Indians under the Pradhan Mantri Garib Kalyan Anna Yojana.

### ₹15 tn needed for 2022-27 power capacity addition



**New Delhi:** About ₹15 trillion in funds is required to add electricity generation capacity during 2022-27, which includes expenditure for projects to be commissioned in 2027-32, a power ministry statement said. The projected electrical energy requirement and peak electricity demand on all-India basis is estimated as 1,908 billion units and 277GW, respectively, for 2026-27..

### 'Bids invited for barrier-free Dwarka Expressway tolling'

**New Delhi:** The government has invited proposals to implement barrier-free tolling system on the Dwarka Expressway, Parliament was told on Wednesday. The expressway connects Dwarka in Delhi to Gurugram.



### DoT seeks views from Trai on satellite spectrum allocation

**New Delhi:** The department of telecommunications (DoT) has sought views on norms for allocating satellite spectrum from the Telecom Regulatory Authority of India (Trai), Parliament was informed on Wednesday. The government has decided to allocate spectrum for satellite communication services through an administrative mechanism while telecom operators are required to purchase the radiowaves through auction.

### CORRECTIONS AND CLARIFICATIONS

A 3 December, Page 7 story, "What led Info Edge to file an FIR against Rahul Yadav?" should have said that the IIT-Bombay dropout had in 2015 reportedly sent an angry mail to Shailendra Singh, managing director of Sequoia (now Peak XV), wrongly accusing him of unethical practices, which triggered a public fallout. Sequoia was not an investor in the company. The error is regretted.

Mint welcomes comments, suggestions or complaints about errors. Readers can alert the newsroom to any errors in the paper by emailing us, with your full name and address to [feedback@livemint.com](#).





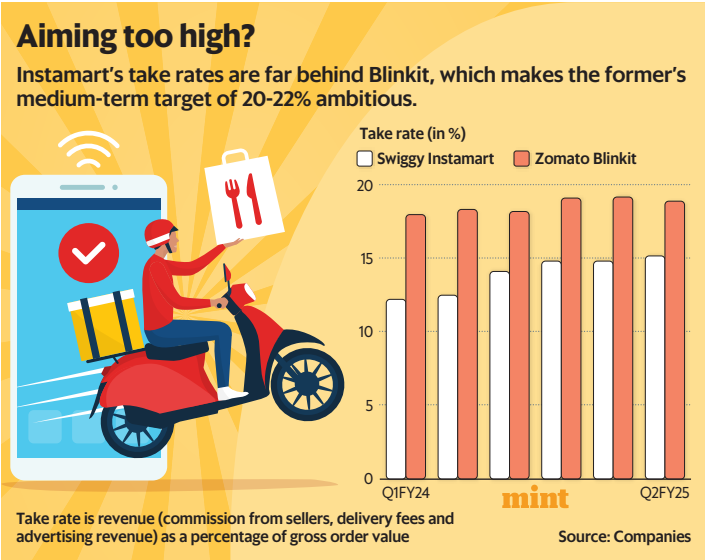


S&P BSE Sensex			Nifty 50			Nifty 500			Nifty Next 50			Nifty 100			S&P BSE Mid-cap			S&P BSE Small Cap		
CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE		CLOSE	PERCENT CHANGE	
80,956.33	0.14		24,467.45	0.04		23,099.50	0.34		72,244.85	0.49		25,428.40	0.14		47,372.25	0.83		56,617.46	0.68	
PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN		PREVIOUS CLOSE	OPEN	
80,845.75	81,036.22		24,457.15	24,488.75		23,020.85	23,075.95		71,890.75	72,196.15		25,393.25	25,443.25		46,982.17	47,189.30		56,237.47	56,498.49	
HIGH	LOW		HIGH	LOW		HIGH	LOW		HIGH	LOW		HIGH	LOW		HIGH	LOW		HIGH	LOW	
81,245.39	80,630.53		24,573.20	24,366.30		23,149.90	22,978.85		72,415.80	71,716.85		25,521.30	25,308.90		47,402.41	47,065.26		56,706.74	56,284.66	

# Swiggy needs Instamart to rev up

Manish Joshi  
feedback@livemint.com

Swiggy Ltd's first post-listing quarterly results show it that has almost matched Zomato Ltd's growth on a quarter-on-quarter (Q-o-Q) basis. For the September quarter (Q2FY25), both companies saw about 5% and 24% growth in the respective gross order value (GOV) of the food delivery and quick-commerce businesses. However, the key differentiating factors are Swiggy's relatively smaller size and its loss at the adjusted Ebitda level. Ebitda stands for earnings before interest, taxes, depreciation and amortization. In Q2FY25, Swiggy's GOV was ₹10,600 crore against ₹15,800 crore of Zomato in food delivery and quick commerce together. Swiggy's shares trade at 2.8x of the annualized GOV of Q2 versus Zomato's 4.1x. Zomato's premium valuation may be simply attributed to its better profitability. Its adjusted Ebitda in Q2 in the two businesses was ₹333 crore, whereas Swiggy's was negative at ₹247 crore, mainly due to losses in its



quick-commerce arm Instamart. If Swiggy shows it can catch up in terms of profitability, there is scope for the valuation gap to narrow. But that depends on its ability to raise revenue as a percentage of GOV, apart from the benefits of a larger scale and lower expenses. The management said in the post-

earnings call that it expects further improvement in revenue or take-rate (total of commission from restaurants, delivery fees and advertising revenue) as a percentage of GOV for the food delivery business by 150 basis points (bps) in the medium term from 25.1% in Q2. Though it has come off by 25 bps QoQ, it is still 100bps

higher than that of Zomato. Interestingly, higher revenue as a percentage of GOV has not helped Swiggy make a relatively higher contribution (revenue minus variable costs) margin versus Zomato in Q2 (6.6% versus 7.6%). This indicates Swiggy's variable costs are higher. In the quick-commerce business, Swiggy's revenue or take-rate (commission from sellers, delivery fees and advertising revenue) as a percentage of GOV could increase to 20-22% in the medium term from 15.2% in Q2. Here, Swiggy is far behind Zomato's 18.9%. On the path to increase Instamart revenue as a percentage of GOV, the management said it could be a combination of possible increases in delivery fees, advertising revenue and business enhancement services provided to the sellers. Instamart wants to differentiate itself from other players by offering a wider selection in top cities. This is possible thanks to more than dou-

bling the store size to 8,000 sq. ft from 3,000-4,000 sq. ft earlier. Swiggy plans to reach a store count of about 1,050 by FY25 from 609 now. Quick commerce is a bigger opportunity than the food delivery business. Therefore, the incremental value for Swiggy lies in Instamart. Going by a Motilal Oswal Financial Services report, Zepto has become the second biggest player with a 29% market share after Zomato's Blinkit at 46% based on annualized financials of Q1FY25. Instamart's 25% market share means it will have to invest aggressively to boost its share. This might delay Swiggy's plan of achieving positive adjusted Ebitda for the company as a whole by Q3FY26—a deciding factor for the long-term trajectory of the stock. Still, Swiggy's public issue investors can hardly complain, having made about 33% gains on the issue price of ₹390 in less than a month.

# Haier India draws interest from more strategic players

Debjyoti Roy  
debjyoti.roy@livemint.com  
NEW DELHI

Chinese household appliances maker Haier Smart Home Co.'s Indian unit has attracted interest from local strategic players as well as foreign investors, two people aware of the development told VCCircle. The Shanghai-listed company is evaluating options including the sale of a controlling stake in Haier Appliances (India) Pvt. Ltd, the people said, asking not to be identified. The move comes at a time when the Indian government has increased its scrutiny of Chinese investments in the country, especially after a deadly border clash in 2020, and has been looking to boost local manufacturing. This has prompted many Chinese companies to seek Indian partners. Earlier this year, for instance, Chinese automaker SAIC Motor sold a 51% stake in its MG Motor India unit to local investors led by billionaire Sajjan Jindal's JSW Group. JSW is also one of the companies interested in buying into Haier India, the people cited above said. Other Indian conglomerates that are interested include the Tata group and billionaire Mukesh Ambani-led Reliance Industries Ltd, the people said. The Tata group has a large household appliance manufacturing business under Mumbai-listed Voltas Ltd, while Reliance owns the country's biggest retail chain and sells electronics and home appliances at its Reliance Digital stores. The people said Goldman Sachs is one of the foreign companies looking at Haier India. Haier India is working with the investment banking arm of global financial services firm Citigroup, they said, adding



Haier is evaluating options including selling a controlling stake in its India arm.

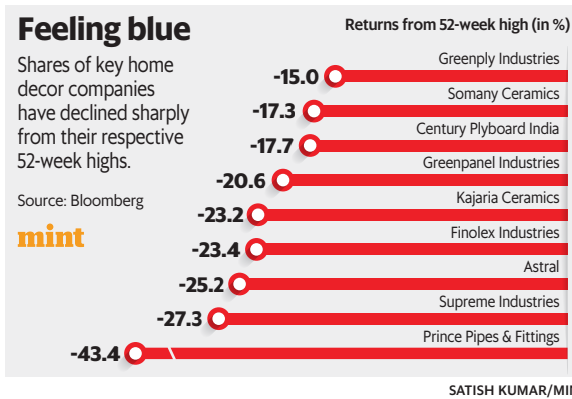
that discussions are at a preliminary stage with no certainty of a deal going through. Spokespeople for Citi, Goldman Sachs and Haier declined to comment on the matter. Emailed queries to JSW, Tata and Reliance remained unanswered till press time. The Economic Times first reported in October that Haier and JSW were in talks for a joint venture, while Bloomberg reported last month that Singapore state investors Temasek and GIC as well as Abu Dhabi sovereign wealth fund Mubadala were eyeing a stake in Haier India. However, the people cited above said, Haier would prefer a local strategic partner instead of a foreign financial investor. The people said Haier India could command a valuation of as much as \$4-4.5 billion (₹33,800-38,000 crore) depending on its estimated FY25 or FY26 numbers. They added the company is projected to generate sales of ₹7,000-8,000 crore in FY25 and ₹10,000-12,000 crore in FY26. Haier India posted consolidated net sales of ₹6,325 crore for 2022-23, up 16.5% over the year before. Its Ebitda jumped to ₹405 crore from ₹144 crore, as per VCCircle, the data research platform of VCCircle.

# Home decor companies struggle to shake off woes

Harsha Jethmalani  
harsha.j@htlive.com

Investors of listed home decor or building materials stocks are sitting on losses, with shares correcting from 52-week highs. These firms continue to struggle with challenges ranging from muted volumes, weak realizations to rising input costs. The September quarter (Q2FY25) was more of the same. Sluggish demand, along with an extended monsoon and lower infrastructure spends, weighed on earnings, prompting earnings downgrades for FY25.

The 13 building materials stocks under the coverage of BOB Capital Markets saw muted year-on-year growth in aggregate for the seventh straight quarter, up a mere 1.3% in Q2. Ebitda was down 20.9% on-year due to margin pressure on account of heightened competition in a weak demand environment, said a BOB Capital Markets report on 19 November. Ebitda stands for earnings before interest, taxes, depreciation and amortization. The managements expect things to pick up in H2FY25. A constant fall in polyvinyl chloride (PVC) prices in Q2



prompted pipe dealers to de-stock, hurting volumes. For plastic pipe makers, de-stocking and re-stocking of inventories depend on PVC

prices. In H2, PVC prices are expected to inch up; plus with the imposition of anti-dumping duty (ADD), re-stocking should resume.

According to Nuvama Research, a preliminary ADD on PVC resins is positive as this could yield an 8-10% price hike, resulting in re-stocking. The tile sector's volume growth in Q2 was constrained by heavy rains and reduced exports from Morbi. That, coupled with muted residential realty launches, added to concerns. The managements of listed tile makers Kajaria Ceramics Ltd and Somany Ceramics Ltd expect a high-single-digit volume growth for FY25, with major growth expected from H2 onwards. On the flipside, realizations are likely to stay under pres-

sure until exports recover. A potential risk to Indian tile exports could arise from the US government imposing an ADD on Indian tiles products. In the wood panel industry, while plywood companies managed to take price hikes aiding margins, MDF (medium density fiberboard) companies could not due to competition even as timber prices rose. Domestic oversupply also played spoilsport for wood panel companies in Q2. Some of these issues for the home décor sector may iron out in H2, but an earnings revival may not be broad-based.

# Not mandatory to register as SDP: Sebi

Neha Joshi  
neha.joshi@livemint.com  
MUMBAI

The market regulator has clarified that it is neither mandatory for digital platforms to seek recognition as a 'specified digital platform' (SDP), nor are they directly governed by Sebi regulations. The Securities and Exchange Board (Sebi) had on 29 August said that regulated individuals or entities, such as stock exchanges, clearing corporations, depositories and their agents, should not be directly or indirectly linked to anyone who provides advice or recommendations on securities unless registered or permitted by the regulator; and anyone who makes claims about returns or performance of securities, unless approved by it. However, it excluded associations that were recognized as SDPs based on their ability to take preventive and corrective actions against prohibited activities. In a clarification issued on Wednesday, the market regulator cited the confusion in the media about the obligation of digital platforms to be recognized as SDPs. "It is not obligatory for any digital platform to be notified as SDP and there is no regulation of these digital platforms



Sebi also clarified that SDPs are not directly governed by its regulations.

by SEBI. Curative actions currently being carried out by some digital platforms are in accordance with law. Preventive steps contemplated for any digital platform to get notified as SDP is not mandatory and it is for the platform to opt or not opt for getting notified as SDP," Sebi said in a statement.

If a platform is designated as an SDP, Sebi said, regulated entities can be assured that their association with it will not lead to violations of the market regulator's regulations. However, it added that regulated entities are not obligated to work exclusively with SDPs. Sebi clarified that its primary goal to bring regulatory changes was to provide assurance to regulated entities that working with an SDP guarantees compliance with Sebi's stringent rules.

Reuters  
feedback@livemint.com  
MUMBAI

The Indian rupee logged its weakest closing level on record on Wednesday, hurt by a lingering depreciation bias and broad-based dollar bids while dollar-rupee forward premiums extended their decline. The rupee closed at 84.74 against the US dollar, its lifetime closing low, down from 84.6850 in the previous session. The rupee was unable to benefit from gains in most of its Asian peers, including the offshore Chinese yuan which rose 0.2% to 7.28 after hitting a one-year low on Tuesday. At this point, "USD/INR is a

buy on any dips," a trader at a large private bank said. "There is only one direction of travel right now but the speed depends on how stiffly the Reserve Bank of India (RBI) will act," the trader said. The RBI was likely conducting dollar-rupee buy/sell swaps in the mid-to-far tenors on Wednesday, traders said which weighed down forward premiums. The 1-year dollar-rupee implied yield fell to a four-month low of 1.95%, having declined nearly 30 basis points over three sessions. While selling forward dollars allows the RBI to stave off

impact on headline foreign exchange reserves and rupee liquidity, a large decline in premiums can add to challenges in curbing further weakness, analysts said. The dollar index was up 0.1% at 106.5 as attention turned to the potential of a rate cut by the US Federal Reserve (Fed) this month. Remarks from Fed Chair Jerome Powell will be in focus later in the day. The RBI will deliver its policy decision on Friday, with traders expecting some form of monetary policy easing this week after weak GDP data for the July-September quarter.

**The rupee was unable to benefit from gains in most of its Asian peers, including the offshore Chinese yuan**

# 10-year bond yield at 3-year low on bets of policy easing

Reuters  
feedback@livemint.com  
MUMBAI



The benchmark 10-year yield ended at 6.6845%. BLOOMBERG

Indian government bond yields declined on Wednesday, with the 10-year benchmark yield falling to its lowest level in nearly three years, on rising optimism over monetary policy easing from the Reserve Bank of India (RBI) this week. The spread between the 10-year bond yield and central bank's key interest rate also slipped to lowest level in over seven years. The benchmark 10-year yield ended at 6.6845%, lowest level since 18 February 2022, as compared with its previous close of 6.7121%.

"In our base case, we expect a repo rate cut of 25 bps (basis points) in December versus earlier expectation of February," said Gaura Sengupta, chief economist at IDFC First

Bank. "Given the current liquidity conditions, the rate cut would need to be accompanied with some liquidity easing measure for it to be effective." Data last week that showed a sharp slowdown in the country's economic growth to 5.4% in the July-September quarter. The RBI's rate-setting panel began its three-day meeting on Wednesday, and a decision is due on Friday. Bond yields and overnight index swap rates—the closest indicator of interest rate expectations—have been declining since last Friday after the data signalled that the central bank could loosen monetary policy via a lower cash reserve ratio for banks.

# StanChart focuses on India, China in new wealth assets push

Reuters  
feedback@livemint.com  
LONDON/HONG KONG

Standard Chartered (StanChart) will target \$200 billion in new assets and double-digit growth in income from its wealth business over the next five years, as part of its wider strategy to shift to higher fee-earning businesses. The Asia-focused bank wants to expand in serving wealthy Chinese and Indian clients who have assets offshore or cross-border needs, the bank's wealth and retail banking CEO Judy Hsu told reporters on Wednesday.

StanChart's assets under management sourced from wealthy Chinese and Indians with global needs rose by about 40% and 20%, respectively, in the 12 months ending September, its data shows. The bank sees good growth opportunities particularly as clients look to move businesses out of China in light of tariffs threatened by US president-elect Donald Trump when he returns to the White House in January, Hsu said. "If you think about Trump 2.0, which potentially can bring on more tariffs, I think that 'China plus one' will gather even more momentum," she said, referring to Chinese firms shifting manufacturing offshore to blunt the impact of US trade barriers against China. "We're seeing a lot of our (China) onshore clients—the small and medium enter-



StanChart wants to expand in serving wealthy Chinese and Indian clients who have assets offshore or cross-border needs. BLOOMBERG

prises—looking to go outside of China."

StanChart aims to boost its team of relationship managers by 50% by 2028, according to plans unveiled on Tuesday, as well as upgrade branches and invest in technology to win new clients. It is beefing up relationship manager teams in markets such as India, China onshore, Malaysia and Taiwan. The bank's new strategy expands on ambitions unveiled in October to trim its retail banking business in some markets in order to fund a \$1.5 billion investment in its wealth unit, particularly targeting

mass affluent customers. The shift in focus from ordinary retail banking to more affluent clients mirrors a switch at rival HSBC, which has slashed its retail presence in markets such as the U.S. and France in recent years while investing in wealth management.

Hsu, who will move to Hong Kong from Singapore, said StanChart will continue reviewing whether to exit or scale down its consumer offerings such as credit cards and small loans, but did not say when a decision would be made or which markets might be affected.







# Kuwait explores storing oil in Indian strategic reserves

Gulf nation-run firm expresses interest in leasing space from local entity operating caverns

Rituraj Baruah  
rituraj.baruah@livemint.com  
NEW DELHI

Kuwait's state-owned explorer and refiner is evaluating storing crude in Indian underground caverns under the second leg of the government's programme to boost strategic petroleum reserves in the world's third biggest oil importer.

Participation of Kuwait Petroleum Company in phase 2 is one of the new areas of cooperation being explored, the external affairs ministry said in its reply to the parliamentary committee's query on cooperation between India and the Gulf Cooperation Council (GCC). The information was shared with KPC on 10 November 2022 and the company has shown interest in storing its crude in the facilities of state-run Indian Strategic Petroleum Reserve Ltd (ISPR), it said.

The status report on action taken by the government on the parliamentary panel's recommendations was submitted on Tuesday.

India's plan to augment strategic reserves is aimed at ensuring energy security during geopolitical tensions which tend to disrupt supplies and drive up prices, as seen in 2022 during the peak of Russia's war in Ukraine. Such reserves can be used in times of emergency.

The Union cabinet approved the construction of caverns along with single-point moorings and pipelines under phase II at Chandikhol, Odisha (4 million metric tonne) and Padur, Karnataka (2.5 mmt) in public-private partnership in 2021. ISPR has since been engaging with the GCC countries.

The external affairs ministry said that ISPR has also informed Saudi Aramco



The external affairs ministry said that ISPR has also informed Saudi Aramco and ADNOC about the opportunity to participate in the second round.

and Abu Dhabi National oil Company (ADNOC), the national oil company of the UAE, about the opportunity to participate in the second round.

ISPR, the custodian of caverns storing critical sovereign crude oil reserves,

In the first phase, ISPR created underground rock caverns to store 5.33 million tonne (mt) of crude across three locations: Visakhapatnam, Andhra Pradesh (1.33 mt), and Mangalore (1.5 mt) and Padur (2.5 mt) in Karnataka.

ENERGY SECURITY			
<b>INDIA'S</b> plan to augment strategic reserves is aimed at ensuring energy security	<b>GEOPOLITICAL</b> tensions tend to disrupt supplies and drive up the prices, as seen in 2022	<b>EXTERNAL</b> affairs ministry said the country is eyeing a term contract with Oman	<b>INDIA</b> also has deals with Saudi Arabia, the UAE, Qatar, Kuwait, and Bahrain

also operates facilities for any other entity approved by the Centre.

It also coordinates for releasing and replenishing strategic crude oil stock during supply disruptions through an empowered committee of the Government of India.

ADNOC joined phase I to store 5.86 million barrels of its crude in Mangalore. In 2018, it signed another memorandum of understanding (MoU) with ISPR to explore storing crude at its underground facility at Padur.

The parliamentary panel on external

affairs, in its report in January this year, had suggested that the government should actively engage with the GCC countries to secure their participation in phase II of its strategic petroleum reserve programme as these nations contribute almost 35% of India's oil and 70% of gas imports.

On the panel's recommendation of exploring more long-term contracts for oil and gas, the ministry replied India is also eyeing a term contract with Oman, the nation's 12th largest supplier of oil, apart from existing deals with Saudi Arabia, the UAE, Qatar, Kuwait, and Bahrain.

"These strategic engagements underscore India's efforts to secure a stable and diversified energy supply and strengthen diplomatic and economic ties with prominent energy-producing nations in the region," the ministry said, adding that it continues to explore more such opportunities.

The external affairs ministry, in its reply to the parliamentary panel, also said that to broaden the scope of strategic reserves beyond national borders, ISPR signed an MoU with Oman Tanking Terminal Company LLC (OTTCO) on 25 June 2023 to conduct feasibility studies for ISPR's potential involvement in phase I of the Ras Markaz project through equity partnership or leasing storage space.

"This endeavour presents a distinctive opportunity to establish strategic storage beyond India, particularly with an oil-producing nation," it said.

The efforts to get into a term contract with Oman coincide with the free-trade talks between the two countries. Earlier, *Mint* reported that negotiations have concluded, and the signing of the agreement would follow soon.

# Careful in tax chase, revenue secy Malhotra tells officials

FROM PAGE 1

this approach and I would take this opportunity to (urge) all the members of customs and DRI present here to keep the interest of the economy before the interest of the revenue," he said.

In August 2022, the CBIC had told field officers that it has noticed in certain cases they had issued summons to top company officials in a routine manner to call for documents and evidence that were anyway available on the GST portal.

The tax authority then instructed the officers to be judicious while exercising their power of issuing summons to senior officials of companies such as chief executive officers, chairman, managing directors and chief financial officers.

Tax experts welcomed the revenue secretary's message.

"This is a very positive development for the industry—it signals the government's intention to support the sector rather than solely focusing on revenue generation," said Saurabh Agarwal, tax partner at audit and consulting firm EY.

Agarwal added that the government's intent is further evidenced by CBIC's approach of providing clarifications and exemptions on various interpretative issues, benefiting sectors like insurance and airlines, among others.

Abhishek A. Rastogi, founder of law firm Rastogi Chambers, said that by fostering a culture of voluntary compliance and reducing the adversarial nature of tax



Revenue secretary Sanjay Malhotra urged officials to exercise fair judgement while evaluating cases.

administration, the government hopes to achieve its dual goals of maximizing revenue and supporting economic growth.

Malhotra's comments indicate that the top functionaries in the government are keeping a close eye on how tax is administered on the ground and how it impacts business sentiment.

The revenue secretary's comments are significant

given that businesses have often expressed concern over high-pitched tax assessments leading to tax demands going beyond businesses' ability to pay, for example, in the case of the online money gaming industry.

Online gaming platforms and casinos were sent show-cause notices to reclaim over ₹1 trillion in goods and services tax (GST) for FY18, *Mint* had reported in October last year. The tax dispute over taxation of online money gaming sector for the period up to end of September 2023 is currently pending in the Supreme

Court.

Public data shows that in FY23, the tax administration detected over 15,500 cases of alleged GST evasion involving ₹1.3 trillion, of which it recovered a little more than ₹33,000 crore.

To be sure, India has set an indirect tax collection target of ₹16.2 trillion for the current financial year, estimating a 9.4% growth over the collections made in the last financial year. About 55% of this year's target has been achieved by the end of October, according to the Controller General of Accounts (CGA) of India.

In FY24, the government had to revise its indirect tax revenue collection target to ₹14.8 trillion when it presented accounts in February this year as excise and customs duty collections were lower than what was estimated at the beginning of the financial year.

The biggest chunk in the Centre's indirect tax collection comes from Central GST, followed by central excise duty and customs duty. In the current fiscal, the government expects ₹10.6 trillion from GST, ₹3.2 trillion from excise duty and ₹2.37 trillion from customs duty.



Medusa began operations in 2017 and has since launched three beer variants with alcohol by volume ranging from 4.5% to 5.9%.

# Medusa Beverages eyes ₹120 cr for new beer plant in FY26

Varuni Khosla  
varuni.k@livemint.com  
NEW DELHI

Medusa Beverages Pvt. Ltd., the company behind the Medusa beer brands, aims to double its volumes by FY26 through a capacity expansion planned in Punjab in the coming fiscal year.

The company will look to raise ₹120 crore in FY26 through a combination of debt and equity issuance to set up the beer plant with an annual capacity of 4 lakh hectolitres, founder Avneet Singh, told *Mint*.

Medusa began operations in 2017 and has since launched three beer variants with alcohol by volume ranging from 4.5% to 5.9%. In 2023, it introduced its mild beer 'Air' and began operations in Uttarakhand, along with existing markets such as Delhi, Punjab, and Uttar Pradesh.

This month, the company will launch its first co-branded Warner Bros beer in India, House of the Dragon, targeting more premium beer drinkers in tier I cities. House of the Dragon is an American fantasy drama television series created by George RR Martin. At present, the company works with other beverage manufac-

turers and uses their facilities to produce beer across the northern markets. A majority of the production capacity currently is coming out of Uttar Pradesh and Punjab, which also serve as feeder markets for other north Indian regions like Delhi.

Medusa also plans to expand into new states like Assam, Andhra Pradesh, and Haryana and later focus on increasing its presence in the southern part of the country.

Singh said the company is starting operations in Chhattisgarh this year and setting up two new breweries for additional capacity expansion.

"We expect to sell 1.1 million cases this fiscal (FY25), with a majority of our business coming from Delhi. India sells about 350 million cases of beer annually, and the per capita beer consumption is quite low at approximately 2 litres per capita per year. In comparison, China's per capita consumption is about 25 litres per annum. But we hope that with the demographic dividend on our side, consumption will grow at a 10-12% CAGR until 2030," said Singh.

Unseasonal rains marred sales during the summer months last season, but this year, sales were back to normal despite some slowdown due to the elections, he said.

**Medusa plans to expand into states like Assam, Andhra Pradesh and Haryana, and later focus on the southern part**

# New surrogate ad rules soon

FROM PAGE 1

tered with the right authorities, its brand promotion won't be considered surrogate advertising. Furthermore, unrestricted products with a registered trademark will not be impacted.

Unrestricted products refer to goods or services that are not prohibited, or are subject to strict regulations on advertising and promotion. These include everyday consumer goods like food, beverages (non-alcoholic), electronics, clothing, and other items that can be freely advertised without violating any laws.

Also, unrestricted products that don't mention banned products, directly or indirectly, won't be covered by the surrogate advertising rules, according to the draft, the people cited above said.

Queries emailed to the consumer affairs ministry remained unanswered.

"In the new rules, the CCPA



Surrogate products include soda, music albums, CDs and mineral water.

has tried to strike a balance between industry interests and consumer protection by preventing the overt branding of alcoholic products," the second person added.

"We are planning to release it by this month end or early next year," this person said. "The proposed rules may be revised in the final version if we receive better suggestions for replacing certain provisions," the person added.

Common surrogate products include music albums, CDs, glassware, soda and mineral water that bear the brand names of restricted products. Liquor makers also sponsor music concerts, cultural festivals and award shows to target youth.

"We appreciate the government's extensive consultations with stakeholders in developing guidelines for brand extension advertising in the alcoholic beverages sector," said Vinod Giri, director general of the Brewers Association of India.

"The aim was to prevent misuse and misleading communication with stifling genuine brand extensions. The joint committee has done an excellent job in reaching a consensus on what is permissible. I hope the draft notification maintains this approach and avoids unnecessary interventions that could overly prescribe or quantify criteria, such as volumes, revenues, or availability, which would undermine the entire effort," Giri said.

# Saudi Arabia is losing its iron grip on global oil markets

FROM PAGE 1

shale by waging a price war in 2014 and 2020 but ultimately failed to rein in mounting American production.

This time around, the kingdom's officials are wary of making a bold move before Trump signals where he would like prices to be, they said. While the president-elect has previously said he wanted to ease pain at the pump for consumers, his campaign was funded by oilmen who also benefit from higher prices.

Crude output in the Americas has already helped slash the OPEC+ slice of global supplies to some of its lowest levels since the broader group's 2016 founding.

OPEC+ production cuts, pushed by Saudi Arabia, have made that even more uncomfortable for other members.

"It's really easy to be part of a cartel when a market is rising," said Jorge León, a Rystad Energy analyst who formerly worked for OPEC. "Nobody

wants to be in a cartel where they are cutting production."

The upshot is that OPEC+ has lost some of its geopolitical heft in Washington. U.S. Assistant Secretary of State for Energy Resources Geoffrey Pyatt said the cartel's market power these days is "less than you would imagine" as oil producers elsewhere—Brazil, Canada and Guyana—pump gushers of crude.

"In the world that I live in, the challenge as we think about strategy is, how does the United States think about its status as an energy superpower?" he said. "We don't have to be so fussed about what OPEC or anybody else is doing, because we can focus on our own story."

OPEC watchers say the shift in power has undermined Saudi Arabia's ability to corral the cartel's members or attract new entrants.

That tension spilled into public view last week, when an Iranian OPEC+ delegate published a commentary on the state-run

news agency arguing that the cartel's Saudi-led policy to keep prices elevated has largely been a failure, in part because it motivated the U.S. and other producers to pump more. The delegate noted that Angola already quit the cartel, and speculated that other countries could soon follow as a result of the policy.

The situation marks a U-turn from just two years ago, when oil traded for more than \$100 a barrel. President Biden pleaded with the Saudis to open the spigots, and some Wall Street investors projected a long run-up in prices similar to the China-driven commodity boom of the 2000s.

Now, with global prices wavering below \$75 a barrel, OPEC+ is staring down a Chinese economy that is growing more slowly than expected and becoming increasingly fuel efficient. Instead of pumping

more oil starting in January, as previously planned, it "may be wiser to wait for the end of the first quarter and higher Chinese demand to hike output," an OPEC delegate said.

The cartel's internal analysts, overseen by a Saudi official, have trimmed their estimated demand growth this year and next for four consecutive months. Those dimming expectations have contributed to the group's loss of credibility—among traders, U.S. officials and even some delegates—to accurately forecast the market.

The International Energy Agency estimates global supplies will outstrip demand by more than one million barrels a day next year if the group doesn't cut output.

"The industry is overinvesting," Torbjörn Törnqvist, chairman of Gunvor Group,

one of the world's largest trading houses, told reporters on the sidelines of an Abu Dhabi oil conference. "There is a surplus [of oil] building up now."

Those factors have pushed Wall Street in recent months to bet on weak prices ahead, contributing in September to hedge funds' first net-bearish positioning on Brent crude futures on record.

Some in OPEC+ worry that Trump's pledge to "drill, baby, drill" through looser regulation and expedited leasing of federal lands could add to the downward pressure on prices. At the same time, U.S. oil executives and analysts are wary of quickly increasing production the way Trump has promised.

Federal officials project U.S. production will average 13.2 million barrels a day this year—47% higher than Saudi's October output—growing to 13.5 million barrels a day in 2025. One county in New Mexico alone now pumps more crude than the smallest six of OPEC's core 12 members.

backs face declining sales.

"The hatchback segment is shrinking, but the lower sedan segment is holding steady with a 2% growth over the last five years," said Kunal Behl, vice-president of marketing and sales at Honda Cars India. "This trend gives us confidence that customers prefer feature-packed, safer sedans to hatchbacks."

Currently, the entry sedan segment accounts for 7.5-8% of India's car market. Honda predicts it will expand to 11.5% in the coming years, driven by a shift in consumer preferences.

Honda is positioning the new Amaze to appeal to value-conscious buyers seeking safety and advanced features. "With the new Amaze, we are confident of pulling in hatchback customers who are moving up the value chain," Behl added.



President and CEO of Honda Cars India Takuya Tsumura.

₹10,89,900 (ex-showroom, Delhi). The introductory prices are valid for 45 days from launch. With this release, the Amaze becomes India's most affordable car equipped with advanced driver-assistance systems (ADAS), the company claimed.

Honda is banking on the lower sedan segment to fuel growth, especially as hatch-



# 'Conservative lending, CASA growth priority'

## DCB Bank plans credit cards against fixed deposits, avoids risky lending

Shayan Ghosh  
shayan.g@livemint.com  
MUMBAI

**D**CB Bank, one of India's smallest private sector lenders, wants to play it safe. It is keeping a distance from unsecured loans, and banking on small businesses and individuals to bolster its relatively weak deposit ratios.

The focus will be on current and savings account (Casa) deposits and on overdraft products, Praveen Kutty, who took over as chief executive in April, said in an interview with *Mint*. Casa is the portion of low-cost deposits in banks. Savings accounts earn lower interest than term deposits or fixed deposits, while current accounts earn no interest. In banking parlance, overdraft facility is when lenders allow customers to withdraw money from their accounts even where they have little or no balance but levy an interest on it.

At present, over 55% of its loan book consists of mortgages, largely involving self-occupied residential units. Its loan book grew 19.3% y-o-y in Q2 to ₹44,465 crore. "For most customers, this self-occupied home is their single most significant possession, often mortgaged to the bank. But, when customers have surplus funds, these often remain in savings or current accounts at other banks, not DCB Bank." To address this gap, the bank will now focus on getting such low-cost Casa deposits, added Kuttly.

As of 30 September 2024, 2024, up

25.61% of its deposits were in Casa. 57 basis points (bps) higher than the same period of last year. To be sure, the bank saw its total deposits grow nearly 20% y-o-y in Q2 of the current financial year to Rs 54,532 crore. The pace of growth of Casa deposits (22.6% in Q2 FY25) is already higher than term deposits, which grew 19% in the same period.

The bank has been conservative in its

The bank has been conservative in its



Praveen Kutty, who took over as chief executive in April, is driving DCB Bank's growth strategy with a focus on secured loans, small businesses and low-cost deposits..

lending practices, looking for growth in secured segments or those where loans are backed by collateral. Its secured loans include mortgages, loan against property, auto loans, and gold loans.

“We take pride in our conservative lending philosophy and intend to maintain it. While we strive to remain cautious in lending, we aim to be more aggressive in execution speed,” said Kutty, who has been at the bank for 17 years, heading retail, agri, and small business banking. Kutty added that while the bank will continue expanding its secured lending portfolio, it does not intend to venture into unsecured loans at this stage. For instance, it plans to issue credit cards, but against fixed deposits.

According to Kutty, the credit cards against fixed deposits will cater to three groups of customers: customers who are currently ineligible for regular credit

cards due to income levels or geographical constraints; individuals with poor credit scores seeking to rebuild their creditworthiness; young customers looking to build a credit score in a controlled manner.

Meanwhile, the banking industry is going slow on credit cards. In October, banks added 0.79 million credit cards, compared with 1.69 million last October. The key reason for this slowdown is a recalibration of risks by lenders, *Mint* reported on 28 November.

Analysts see the elevation of internal candidate Kutty as one that brings continuity to the bank's operations. "RBI approved Praveen Kutty as managing director of the bank who has been part of the bank leadership team for the past 16 years; thus ensures continuity of the strategy," analyst at IDBI Capital said in a note on 25 October. In April, the bank's erstwhile CEO, Murali Natarajan, retired after 15 years, leading to the elevation of Kutty.

For an extended version of the story go to  
livemint.com

**25.61%**  
Of deposits were in  
CASA as of 30 Sept  
2024, up 57 bps yoy

Of deposits were in CASA as of 30 Sept 2024, up 57 bps yoy



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 $^{54}\text{Mn}$ 

# Moneycontrol

## 42 Mn



40 Mn

# The Economic Times



Source: Comscore MMX Multi-Platform, Total Unique Visitors, Business/Finance News Publishers, Livemint, October 2024, India

 [www.livemint.com](http://www.livemint.com)



# Experts' View



**Nand Sardana**  
Chief Financial Officer  
R Systems

**How does R Systems International approach innovation to stay ahead of the curve and build a competitive edge?**

At R Systems, innovation isn't just a priority—it's embedded in our DNA. Our approach to staying ahead combines purpose-driven R&D focused on pioneering technologies like Generative AI, Machine Learning (ML), and automation, with a culture of agility and adaptability. Through our GenAI Suite, OptimaAI, we're revolutionizing digital product engineering and enhancing every stage of the software development lifecycle.

We go beyond technology by nurturing strong partnerships with industry-leading partners and continuously upskilling our teams to stay updated. Our commitment to a collaborative, creative environment empowers our employees to explore transformative solutions that not only meet current needs but anticipate future challenges. By investing in AI-driven platforms, industry-specific solutions, and future-focused technologies, we power the digital transformation journeys of clients making us a leader in digital product engineering space.

**How does R Systems leverage cutting-edge technologies (like AI, cloud, advanced analytics, etc.) to build scalable and future-proof digital products?**

R Systems strategically harnesses AI, ML, cloud computing, and advanced analytics to build robust future-ready digital products designed for scalability, unlocking revenue growth, efficiency, and faster innovation for businesses. Our flagship OptimaAI Suite, powered by GenAI, streamlines the entire software development lifecycle with intelligent digital assistants and tailored applications, improving development speeds, enhancing QA automation, and optimizing code review processes. This suite accelerates time-to-market while ensuring high-quality outcomes, giving our clients a competitive edge.

Beyond AI, our deep commitment to advanced analytics and cloud-based solutions empowers us to create solutions that are not only efficient and responsive but are also resilient to evolving technological landscapes, including emerging advancements in 5G and 6G. By integrating these technologies into our development lifecycle, we enable clients to scale seamlessly, maintain resilience, and capture new business opportunities as the digital world advances.

**According to R Systems, what leadership qualities are essential in driving the company's next stage of growth?**


Driving a company's next stage of growth requires leaders who are not only visionary but also pragmatic. Firstly, strategic agility is vital; leaders must anticipate market shifts and pivot quickly. This means not just reacting to change but proactively shaping our direction.

Second, leaders must prioritize developing a digital mindset. This goes beyond basic digital literacy; it involves fostering attitudes and behaviours that enable teams to leverage data, algorithms, and AI to create new opportunities. Leaders should encourage a culture where employees are motivated to apply their technological skills innovatively.

Additionally, cultural leadership is important. Especially for global companies, leaders should cultivate an inclusive and adaptive culture that embraces change and encourages collaboration. Setting up an innovation hub can serve as a collaborative environment, enabling people to respond creatively without inhibitions.

Finally, emotional intelligence can't be overlooked. Leaders must connect with their teams, understanding their motivations and fostering a supportive environment. By combining digital literacy, cultural awareness, and emotional intelligence, we can create a resilient organization poised for sustainable growth.

For more information on Dun & Bradstreet India's Top 500 Value Creators 2024  
Contact: 022 4941 6666 | Email: [india@dnb.com](mailto:india@dnb.com)



# BSES Rajdhani Power Limited, New Delhi

## TENDER NOTICE

Date: 05.12.2024.

Sealed tenders under two Bid System (Unpriced & Priced) is invited for following job from all bidders.

NIT No.	Brief Item Description	Cost of EMD (₹)	Due Date & Time of Submission	Date & Time of Opening
NIT NO: CMC/BR/24-25/FK/CR/KB/1230	PROVIDING CALL CENTER SERVICES IN BRPL	5.80 Lacs	26.12.2024 15:00 HRS	26.12.2024 15:30 HRS

Cost of each Tender Document: ₹ 1180/- (Including GST).

For details in respect of Equipment/BOM/Services, Qualifying requirements, Terms & conditions, purchase/submission of tender documents etc. please visit our website [www.bsesdelhi.com](http://www.bsesdelhi.com)

**Head (Contracts & Materials)**

Regd. Off.: BSES Rajdhani Power Limited, BSES Bhawan, Nehru Place, New Delhi-110019 | Corporate Identification No.: U40108DL2001PLC111527  
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**पत्रांक:-** याई0300P/मौलिका/869/2024

**सर्वसाधारण सूचना**

**दिनांक:** 04.12.2024

सर्वसाधारण को सूचित किया जाता है कि यमुना एक्सप्रेसवे औद्योगिक विकास प्राधिकरण की आबादी भूमि आबंटन नियमावली 2020 के अनुसार ग्राम निलौनी शाहपुर के क्रमशः 328.6102 हे०, 46.4558 हे०, 20.3858 हे०, 10.0941 हे०, 12.0214 हे० व 9.2213 हे० भूमि अर्जन प्रस्ताव व क्रय भूमि के सम्पेक्ष 14/07 प्रतिशत (आबादी भूखण्डों) दिनांक 12.12.2024 को प्राधिकरण के समक्ष में प्रदर्शन 11.00 बजे को किया जाना है। अतः ग्राम निलौनी शाहपुर के क्रमशः 328.6102 हे०, 46.4558 हे०, 20.3858 हे०, 10.0941 हे०, 12.0214 हे० व 9.2213 हे० भू-अर्जन प्रस्ताव व क्रय भूमि से संबंधित कारशरकार नियत तिथि/स्थान व समय पर उपस्थित रहने का कष्ट करें ताकि आपके समक्ष उक्त भूखण्डों की को कायदाही निष्पक्ष एवं पारदर्शिता पूर्वक पूर्ण की जा सके।

**डिप्टी कलेक्टर**

यमुना एक्सप्रेसवे औद्योगिक विकास प्राधिकरण के अधिविज्ञान क्षेत्र में प्राधिकरण द्वारा स्वीकृत मानचित्र प्लान के अधिनियत 'नॉटिफाई' हाउसिंग/कोलोनी या किसी भी प्रकार का अन्य निवास पुरी तरह से अक्षेप है। सामान्य जनता एवं प्रकार की खरीद - फरोख्त से पूर्णतः सर्वत्र रद्द तथा कोलाजनाटक के प्राकृतिक विज्ञापनों से बचे। अधिक जानकारी के लिए प्राधिकरण की वेबसाइट [www.yamunalexpresswayauthority.com](http://www.yamunalexpresswayauthority.com) देखें।



## ग्रेटर नोएडा औद्योगिक विकास प्राधिकरण

प्लॉट नं-11 बरकत कोठी नं-4, ग्रेटर नोएडा सिटी, गौतम बुद्ध मार्ग-201008, जूहो  
बैंगमवाड़ा, [www.greaternoidaauthority.in](http://www.greaternoidaauthority.in) ई-मेल: [authority@gnida.in](mailto:authority@gnida.in)

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पत्रांक: स्वा/010/2024 / 2209

दिनांक: 04/12/2024

### ई-निविदा आमंत्रण सूचना

प्रभास (निविदा सेल), ग्रेटर नोएडा औद्योगिक विकास प्राधिकरण द्वारा मुख्य कार्यभागांक अधीकारी, ग्रेटर नोएडा की ओर से ई-निविदा आमंत्रण सूचना संख्या- स्वा/010/2024/2028, दिनांक 04.12.2024 के माध्यम से उल्लेखित कार्य से: 01 में अंकित कार्य को ई-निविदा आमंत्रित की जाती है। ई-निविदा की समस्त विधियां व शर्तें ग्रेटर नोएडा प्राधिकरण की वेबसाइट: [www.greaternoidaauthority.in](http://www.greaternoidaauthority.in) पर ई-निविदा लिंक एवं ई-पोर्टल <https://etender.up.nic.in> पर उपलब्ध है। किसी परिवर्तन, संशोधन व अतिरिक्त सूचनाओं के लिए उक्त वेबसाइट देखते रहें।

क्र. सं.	कार्य का नाम/वर्क सर्किल	अनुमानित लागत
1.	Request for Proposal for (RFP) Setting up compressed Bio-Gas Plant for Processing of 50 TPD Cow Dung and other Waste in Nandi Gausaha, Powari, Greater Noida.	Rs. 17.00 Crore

उक्त कार्य की निविदा दिनांक 05.12.2024 से 19.12.2024 को 17.00 बजे तक अपलोड किया जा सकता है एवं प्री-बिड बैठक दिनांक 19.12.2024 को दोपहर 03.00 बजे ग्रेटर नोएडा प्राधिकरण कार्यालय, भूखण्ड नं-01, सेक्टर-04, ग्रेटर नोएडा मार्ग-4, ग्रेटर नोएडा के प्रधानाधिकारी वनन में आयोजित एवं उपरोक्त निविदा प्राप्त करने से पूर्व निविदा से प्रतिभाग करने वाली फर्म/एजेंसी/की निविदा से पूर्व बिडक (Pre-Bid Meeting) की जायगी तथा प्राप्त ई-निविदाओं की प्री-ब्यालिफिकेशन विड दिनांक 23.12.2024 को 11:00 बजे खोली जायेगी।

**वरिष्ठ प्रबंधक (निविदा सेल)**

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NIT No. 2024-UD-359714-2/MPGMC/J174/23X91/P/1/PH/E Gwalior, Date : 02.12.2024

जनसूचिका क्र. 567
Notice Inviting Tender
दिनांक 04-12-2024

On behalf of Gwalior Municipal Corporation, M.P online percentage rate bids for the following work are invited on portal <http://mptenders.gov.in> from registered Contractors and competent firms.

Description of works	Probable Amount (in Rs.)	Completion Period (In Days)
<b>Survey and Design of Distribution network for water supply from RCC Overhead tanks/ Ground Level Service Reservoirs/Sump-wells including Providing, Laying, Testing and Commissioning of pipelines to be laid under this contract in different DMAs (District Metering Areas) of Ward No. 45 in different places within RCC Overhead tanks/ Ground Level Service Reservoirs/Sump-wells in different Poorna Vidhansabha</b>	<b>1,65,39,757.00</b>	<b>06 months i/o Rainy Season</b>

Interested bidders can view the NIT on portal <http://mptenders.gov.in>. The bid document can be purchased only on or after date **02.12.2024 to 17.12.2024** and can be submitted by **17.12.2024 up to 5.30 PM**.

**Executive Engineer,**  
Water Supply, Gwalior Municipal Corporation, Gwalior

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# How painful will Trump’s tariffs be for American businesses?

Their options range from hoarding goods and raising prices to rewiring supply chains

The Economist

In the weeks after Donald Trump’s sweeping election victory, American companies sought to reassure investors that they were amply prepared for a new round of tariffs. Some, like Stanley Black & Decker, a toolmaker, highlighted efforts to shift their supply chains away from China. Others, like Lowe’s, a home-improvement retailer, pointed to processes they have put in place to deal with tariffs after Mr Trump’s first term, during which levies were imposed on about \$380bn-worth of imports ranging from steel and aluminium to washing machines, mostly from China.

Yet the coming disruption may be more widespread and less predictable than many American businesses expect. On November 25th the president-elect announced on Truth Social, his social-media megaphone, that he would impose a 25% tariff on all products flowing from Mexico and Canada and raise the rate on goods from China by 10%. Mr Trump’s intention to follow through with his threat against Mexico and Canada was then put into doubt by subsequent posts describing “wonderful” and “productive” meetings, respectively, with the leaders of the two countries.

That has not been comforting. If Mr Trump were to slap tariffs on America’s northern and southern neighbours, the impact on American companies would be devastating. Businesses from Mattel, the maker of Barbie dolls, to Whirlpool, a home-appliance manufacturer, have factories in Mexico. Around three-fifths of America’s imported aluminium and a quarter of its imported steel come from Canada, with large volumes of steel also flowing from Mexico. According to Citigroup, a bank, Mr Trump’s tariffs would raise the price of steel for American manufacturers by 15-20%.

Among the hardest hit by the tariffs would be American carmakers. General Motors, for example, imports over half of the pickups it sells in America from Mexico and Canada. About 9% of the value of parts for cars produced in America also comes from the two countries. According to Nomura, another bank, the tariffs proposed by Mr Trump on November 25th would wipe four-fifths from the operating profit of General Motors next year. Foreign carmakers, such as Toyota, would also be hit.

Companies can respond to tariffs in three ways. The first is to stockpile goods,



According to Citigroup, Trump’s tariffs would raise the price of steel for American manufacturers by 15-20%.

REUTERS

Microsoft, Dell and HP are among the American tech companies that are rushing to import as many electronic components as possible before the new administration takes office in January. Yet there are limits to that strategy. Stockpiles may be depleted well before tariffs are lifted. And holding inventory requires warehouses and ties up cash. Many big companies already expanded their inventories in the wake of the supply-chain mayhem of the pandemic, and may have limited appetite to increase them further, particularly as higher interest rates raise the cost of doing so. According to JPMorgan Chase, another bank, the average ratio of working capital to sales among America’s 1,500 most valuable listed companies last year was higher than at any point in the past decade except 2020.

The second option for companies is to pass tariffs on to customers by raising prices. Several firms, including Stanley Black & Decker and Walmart, America’s biggest retailer by sales, have already indicated that they may do so. Again, however, there are limits. The excess savings Americans built up during the pandemic have been whittled away by inflation and there are signs the country’s jobs market is cooling. The delinquency rate on credit cards is at its highest in a decade.

The third, and most difficult, response is to rewire supply chains. New suppliers, once found, have to be tested and negotiated with, a process that can take years. Many American companies have been diversifying their supply chains away from China. According to Kearney, a con-

sultancy, China’s share of America’s manufactured-goods imports fell from 24% in 2018 to 15% last year. Meanwhile, the share from other low-cost Asian countries and Mexico, respectively, rose from 13% to 18% and from 14% to 16%. An analysis by Fernando Leibovici and Jason Dunn of the Federal Reserve Bank of St Louis shows that the fall in China’s share of imports has been biggest in industries where America has been most dependent on its rival, including communications and information technology.

Yet shifting production away from China may not be enough. The Biden administration, which kept many of Mr Trump’s original tariffs and added some of its own, has clamped down on Chinese goods entering America via circuitous routes. In July it imposed a “melt and pour” rule on Mexican steel, which requires that the metal be produced in the country to avoid tariffs. It may become increasingly difficult to source from Chinese companies, including makers of everything from television sets to seatbelts, that have set up factories abroad. On November 29th the federal government imposed anti-dumping duties on solar panels produced in South-East Asia by Jinko Solar and Trina Solar, two Chinese companies, among others.

Mr Trump’s protectionist ire is directed not just at China, but at all countries with which America has a trade deficit. As a result, companies that have shifted their supply chains to Mexico, Vietnam or other low-cost countries may be in for a bruising. Some may

decide that the only safe option is to bring production back home. That is already happening in a few industries, including semiconductors. Spending on factory construction in America was \$172bn in the first nine months of this year, twice as much as in the same period in 2019, adjusting for inflation. A self-sufficiency index compiled by Kearney, calculated as America’s manufacturing output (minus exports) as a ratio of imports (minus re-exports), has been ticking upwards since 2021, having fallen over the previous eight years. For many companies, though, making stuff in America will remain prohibitively expensive.

The coming wave of tariffs may thus prove even more painful for American businesses than the previous one. According to research by Carlyle Burd of North Carolina State University, American companies that were exposed to tariffs levied on Chinese imports by Mr Trump during his first term saw their operating profit as a share of assets shrink by 5.4 percentage points, compared with those that were not. Some were hit harder. Last month the chief financial officer of Stanley Black & Decker said that the first-term tariffs initially cost the company around \$300m annually, equivalent to a quarter of its net profit in 2017, and continue to cost it around \$100m a year. Bosses will be watching Mr Trump’s Truth Social account closely.

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## South Korean President Yoon faces impeachment after martial law debacle

Reuters  
feedback@livemint.com  
SEOUL

South Korean lawmakers submitted a bill on Wednesday to impeach President Yoon Suk Yeol after he declared martial law and reversed the move hours later, triggering a political crisis in Asia’s fourth-largest economy.

The surprise declaration of martial law in the major US ally late on Tuesday caused a standoff with parliament, which rejected Yoon’s attempt to ban political activity and censor the media, as armed troops forced their way into the National Assembly building in Seoul.

The main opposition Democratic Party (DP) called for Yoon, who has been in office since 2022, to resign or face impeachment.

Six South Korean opposition parties later submitted a bill in parliament to impeach Yoon, with voting set for Friday or Saturday. “We couldn’t ignore the illegal martial law,” DP lawmaker Kim Yong-min told reporters. “We can no longer let democracy collapse.”

There were deep divisions in Yoon’s ruling People Power Party as well, as its leader called for defence minister Kim Yong-hyun to be fired and the entire cabinet to resign. Kim has offered to resign, the defence ministry said.

Yoon told the nation in a television speech late on Tuesday that martial law was needed to defend the country from pro-North Korean anti-state forces, and protect the free constitutional order, although he cited no specific threats.

Chaotic scenes ensued as troops tried to secure control of the parliament building, although they stood back when parliamentary aides sprayed them with fire extinguishers while protesters scuffled with police outside.

The military said activities by parliament and political parties would be banned, and that media and publishers would be under the control of the martial law command.

But lawmakers defied the security cordon and within hours of the declaration, South Korea’s parliament, with 190 of its 300 members present, unanimously passed a motion for martial law be lifted, with 18 members of Yoon’s



People take part in a candlelight vigil as they call for the resignation of South Korea President Yoon Suk Yeol in Seoul. AFP

party present.

The president then rescinded the declaration of martial law, just about six hours after its proclamation.

Protesters outside the National Assembly shouted and clapped. “We won’t” they chanted, and one demonstrator banged on a drum.

“There are opinions that it was too much to go to emergency martial law, and that we did not follow the procedures for emergency martial law, but it was done strictly within the constitutional framework,” a South Korean presidential official told Reuters by telephone.

There has been no reaction yet from North Korea to the drama in the South.

Despite the overnight drama, Seoul appeared normal on Wednesday, with the usual morning rush hour traffic in trains and on the streets.

However, more protests were expected with South Korea’s largest union coalition, the Korean Confederation of Trade Unions, planning to hold a rally in Seoul and vowing to strike until Yoon resigns.

The US embassy urged citizens in South Korea to avoid areas where protests were taking place, while some major employers, including Naver Corp and LG Electronics Inc, advised employees to work from home. Financial markets were volatile, with South Korean stocks falling about 1.3% and the Won stable but close to a two-year low. Dealers reported suspected intervention by South Korean authorities to stem the Won’s slide.

Finance minister Choi Sang-mok and Bank of Korea governor Rhee Chang-yong held emergency meetings overnight and the finance ministry promised to prop up markets if needed.

“We will inject unlimited liquidity into stocks, bonds, short-term money market as well as forex market for the time being until they are fully normalised,” the government said in a statement.

Sales of canned goods, instant noodles and bottled water had soared overnight, said a major South Korean convenience store chain, which sought anonymity.

“I’m deeply disturbed by this kind of situation, and I’m very concerned about the future of the country,” 39-year-old Seoul resident Kim Byeong-In told Reuters.

The National Assembly can impeach the president if more than two-thirds of lawmakers vote in favour. A trial by the constitutional court follows, which can confirm the motion with a vote by six of the nine justices.

Yoon’s party has 108 seats in the 300-member legislature.

If Yoon resigned or was removed from office, Prime Minister Han Duck-soo would fill in as leader until a new election was held within 60 days.

“South Korea as a nation dodged a bullet, but President Yoon may have shot himself in the foot,” Danny Russel, vice president of the Asia Society Policy Institute think tank in the United States, said of the first martial law declaration in South Korea since 1980.

US Secretary of State Antony Blinken said he welcomed Yoon’s decision to rescind the martial law declaration. “We continue to expect political disagreements to be resolved peacefully and in accordance with the rule of law,” Blinken said in a statement.

South Korea hosts about 28,500 American troops as a legacy of the 1950-1953 Korean War. Planned defence talks and a joint military exercise between the two allies were postponed amid the broader diplomatic fallout from the overnight turmoil.

## Amazon announces supercomputer for training AI models

Belle Lin  
feedback@livemint.com

Amazon’s cloud computing arm Amazon Web Services Tuesday announced plans for an “Ultra-cluster,” a massive AI supercomputer made up of hundreds of thousands of its home-grown Trainium chips, as well as a new server, the latest efforts by its AI chip design lab based in Austin, Texas.

The chip cluster will be used by the AI startup Anthropic, in which the retail and cloud-computing giant recently invested an additional \$4 billion. The cluster, called Project Rainier, will be located in the U.S. When ready in 2025, it will be one of the largest in the world for training AI models, according to Dave Brown, Amazon Web Services’ vice president of compute and networking services.

Amazon Web Services also announced a new server called Ultraser, made up of 64 of its own interconnected chips, at its annual re:Invent conference in Las Vegas Tuesday.

Additionally, AWS on Tuesday unveiled Apple as one of its newest chip customers. Combined, Tuesday’s announcements underscore AWS’s commitment to Trainium, the in-house-designed silicon the company is positioning as a viable alternative to the graphics processing units, or

GPUs, sold by chip giant Nvidia.

The market for AI semiconductors was an estimated \$117.5 billion in 2024, and will reach an expected \$193.3 billion by the end of 2027, according to research firm International Data Corp. Nvidia commands about 95% of the market for AI chips, according to IDC’s December research.

“Today, there’s really only one choice on the GPU side, and it’s just Nvidia,” said Matt Garman, chief executive of Amazon Web Services. “We think that customers would appreciate having multiple choices.”

A key part of Amazon’s AI strategy is to update its custom silicon so that it can not only bring down the costs of AI for its business customers, but also give the company more control over its supply chain. That could also make AWS less reliant on Nvidia, one of its closest partners, whose GPUs the company makes available for customers to rent on its cloud platform.

But there is no shortage of companies angling for their share of Nvidia’s chip revenues, including AI chip startups such as Groq, Cerebras Systems and SambaNova Systems. Amazon’s cloud peers, Microsoft and Google, also are building their own chips for AI and aim-

ing to reduce their reliance on Nvidia.

Amazon has been working on its own hardware for customers since well before 2018, when it released a central processing unit called Graviton based on processor architecture from British chip designer Arm. Amazon executives say the company aims to run the same playbook that made Graviton a success—proving to customers that it is a lower cost but no less capable option than the market leader.

**Powered by Austin’s Annapurna**

The heart of AWS’s efforts is in Austin, Texas, home to an AI chip lab run by Annapurna Labs, an Israeli microelectronics company Amazon acquired for about \$350 million in 2015.

The chip lab has been there since Annapurna’s startup days, when it was seeking to land in a location where chip giants already had offices, said Gadi Hutt, a director of product and customer engineering who joined the company before the Amazon acquisition.

Inside, engineers might be on the assembly floor one day, while soldering the next, said Rami Sinno, the lab’s director of engineering. They do anything that needs to be done, right away—the sort of scrappy mindset more commonly



AWS announced a new server called Ultraser.

REUTERS

found among startups than trillion-dollar companies like Amazon.

That’s by design, Sinno said, because Annapurna doesn’t look for specialists like the rest of the sector. It looks for a board designer, for instance, who is also fluent in signal integrity and power delivery, and who can also write code.

“We design the chip, and the core, and the full server and the rack at the same time. We don’t wait for the chip to be ready so we can design the board around it,” Sinno said. “It allows the team to go super, super fast.”

AWS announced Inferentia in 2018, a machine-learning chip dedicated to inference, which is the process of running data through an AI model so it generates an output. The team went after inference first, because it’s a slightly less

demanding task than training, said James Hamilton, an Amazon senior vice president and distinguished engineer.

By 2020, Annapurna was ready to go with Trainium, its first chip for customers to train AI models on. Last year, Amazon announced its Trainium2 chip, which the company said is now available for all customers to use. AWS also said it is now working on Trainium3 and Trainium3-based servers, which will be four times more powerful than its Trainium2-based servers.

**Bigger is better**

As AI models and data sets have gotten larger, so, too, have the chips and chip clusters that power them. Tech giants aren’t just buying up more chips from Nvidia, or designing their own; they’re now trying to pack as many as they can in one place.

That’s one goal of Amazon’s chip cluster, which was built as a collaboration between Annapurna and Anthropic: for the AI startup to use the cluster to train and run its future AI models. It is five times larger, by exaflops, than Anthropic’s current training cluster, AWS said. By comparison, Elon Musk’s xAI recently built a supercomputer it calls Colossus with 100,000 Nvidia Hopper chips.

“The more you scale up a server, the less you need to solve a given problem, and the more efficient the overall training cluster works,” said Hamil-

ton. “As soon as you realize that, you start to work hard to get each server as large and as capable as possible.”

Amazon’s Ultraser links 64 chips into a single package, combining four servers, each containing 16 Trainium chips. Certain Nvidia GPU servers, by comparison, contain eight chips, Brown said. To link them together to work as one server, which can reach 83.2 petaflops of compute, Amazon’s other secret sauce is its networking: creating a technology it calls NeuronLink that can get all four servers to communicate.

That’s as much as Amazon could pack into the Ultraser without overheating it, the company said. By size, it’s closer to the refrigerator-esque mainframe computer than the compact personal computer, Hamilton said.

But the message isn’t strictly, “Choose us or Nvidia,” Brown and other execs say. Amazon says it is telling customers they can stick with whatever combination of hardware they prefer on its cloud platform.

Eiso Kant, co-founder and chief technology officer of the AI coding startup Poolside, said it is getting roughly 40% price savings compared with running its AI models on Nvidia’s

GPUs. But, a downside is that the startup needs to spend more of its engineers’ time to get Amazon’s associated chip software to work.

However, Amazon fabricates its silicon directly through Taiwan Semiconductor Manufacturing Co. and puts it into its own data centers, making it a “safe bet” for the AI startup, Kant said. Where it places its bets is key, because even a six-month hardware delay could mean the end of its business, he said.

Benoit Dupin, a senior director of machine learning and AI at Apple, said Tuesday on-stage that the smartphone giant is testing Trainium2 chips, and expects to see savings of about 50%.

**An invisible computing layer**

For most businesses, the choice of Nvidia versus Amazon isn’t a pressing question, analysts say. That’s because large companies are mostly concerned with how they can get value out of running AI models, rather than getting into the nitty-gritty of actually training them.

The market trend is a good thing for Amazon, because it doesn’t really need customers to peek under the hood. It can work with companies like cloud data company Databricks

to put Trainium beneath the covers, and most businesses won’t notice any difference because computing should just work—and ideally at lower and lower cost.

Amazon, Google and Microsoft are building their own AI chips because they know that their custom designs save time and cost while improving performance, said Chirag Dekate, an analyst at market research and IT consulting firm Gartner. They customize the hardware to offer very specific parallelization functions, he said, which could beat the performance of more general-purpose GPUs.

AWS also has a “misunderstood” strength in the less obvious parts of AI, including networking, accelerators and Bedrock, its platform for companies to use AI models, said Alex Haissl, an analyst at financial services and research firm Redburn Atlantic.

Company leaders, though, are realistic about how far AWS’s chip ambitions can go—at least at the moment.

“I actually think most will probably be Nvidia for a long time, because they’re 99% of the workloads today, and so that’s probably not going to change,” AWS CEO Garman said. “But, hopefully, Trainium can carve out a good niche where I actually think it’s going to be a great option for many workloads—not all workloads.”

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# INSIDE THE RACE TO RESTORE NOTRE DAME

Behind the restoration of Paris’s greatest landmark—and the controversies that nearly consumed it

Noemie Bisserbe & Kelly Crow

About a year before Notre Dame was set to reopen after a devastating fire, the French general tasked with overseeing the cathedral’s reconstruction, Jean-Louis Georgelin, disappeared.

Georgelin, a strapping 74-year-old who had once served as President Jacques Chirac’s military chief of staff, was taking a break in the summer to trek through the Pyrénées. He was known to hike alone and regularly climbed the Pyrénées’ highest peaks. When he didn’t return to his mountain refuge one August evening, the caretaker called the police to tell them the hiker hadn’t returned. A helicopter was quickly dispatched, and hours later the police found Georgelin’s body on the slopes of Mont Valier, a 9,311-foot mountain near the Spanish border.

The tragedy hit France hard. Georgelin was in the homestretch of one of the most complicated reconstruction projects that France had ever undertaken on a historical monument, and his death put even more pressure on French President Emmanuel Macron, who had staked much of his legacy on rapidly restoring a cathedral that for centuries has symbolized the country’s civic and religious life.

Macron had to quickly replace his hard-charging general with a leader who could get the project over the finish line, and his choice could not have been more different: Philippe Jost, a lanky engineer who had spent much of his career in the cogs of the country’s defense ministry making sure France’s army was well-equipped.

The ministry was where Jost had met the general, and the technician’s obsessive attention to detail had made him a natural right hand to Georgelin’s campaign to save the cathedral. Jost, a lifelong behind-the-scenes guy, worked well with Georgelin but didn’t seek the spotlight or play politics, according to people who knew both men well. But he and Georgelin both liked to hike mountains, and were devoted Catholics. Jost, without the general, knew his job had just gotten exponentially harder. “We didn’t know whether we would be able to continue at the same pace, and what uncertainties it would create,” he says.

The race to reopen the cathedral didn’t stop; in fact, it had been ticking since the moment the fire started in the early evening of April 15, 2019. Hours after the fire was extinguished, Macron went on TV and pledged to rebuild the cathedral within five years and to make it more beautiful than before—a pledge disseminated by nearly every major media outlet around the world.

For Macron, the fire marked a chance for him to revel in his role as a statesman who would rally the masses to support the renewal of the beloved icon. While the people of France supported the effort in the immediate aftermath—within days of the fire, there were donations of more than \$900 million—the years that followed were beset by pushback, controversy and outrage: first, over Macron’s plan to reopen on a rapid timeline (some experts said it would take at least 15 to 20 years), then over the more than half-billion dollars in donations from France’s wealthiest families (the restoration came as the yellow-vest protests were tearing France apart), and finally over his plans to redesign the Gothic spire, and later recommission stained glass windows (Quel culot!).

While the cathedral wasn’t ready for the Olympic Games in Paris this summer as authorities had initially hoped, its scheduled reopening for religious services this December offers a stunning cap to a year when Paris has been center stage. It will also serve as a quieter reckoning for Jost, who has stepped into the shoes of a general and been compelled to parry the whims of his president while also keeping track of around 250 companies that have participated in the Notre Dame project. One day, he’s overseeing workers cleaning up the cathedral’s interiors and reinstalling cherished relics; other days, he’s watching teams use cranes to suspend architect Eugène Viollet-le-Duc’s famously ornate spire. He also has to manage the forest of wooden latticework required to reconstruct what had been a medieval roof. Soon crowds will return to peer at it all. Before the fire, the cathedral got around 12 million visitors a year, far more than the Vatican.

Jost knows everyone who steps inside the cathedral will decide whether he pulled off the herculean task foisted upon him. Heading into the final weeks before it’s set to reopen, he’s exuding confidence,



Workers on a crane look at the Notre Dame cathedral site in Paris. The cathedral is set to re-open this month, five years after a fire ravaged it.

AFP

though it’s anyone’s guess how the body politic will react. Putting it mildly, he says, “There’s a lot of passion around Notre-Dame de Paris.”

When the Notre Dame fire erupted that spring evening in 2019, France itself was burning.

The same day as the fire, Macron was set to address the violence that had engulfed the country through its yellow-vest protests, which began over fuel taxes and morphed into nationwide riots against Macron, whom they called “the president of the rich.” In Paris, some protesters burned cars, looted stores and even vandalized the Arc de Triomphe.

Authorities have said the fire was started by an electrical issue or a cigarette; investigators still don’t know. As it spread, the banks of the surrounding Seine became thronged with horrified onlookers holding their cellphones aloft. The rest of the world watched the televised destruction into the early morning hours.

Located on the Île de la Cité, a small island in the middle of Paris, Notre Dame was first constructed between 1163 and 1345, and its elaborate Gothic design was intended to reflect the economically flush city. From its rain-funneling gargoyles to its vividly colored rose-shape windows, the cathedral, whose name means “Our Lady,” paid homage to Christ’s mother while doubling as an emblem of medieval starchitecture, historians say.

Among many historic events that took place at the cathedral, Henry VI of England was crowned king of France there in 1431, and Napoleon was officially named emperor there in 1804. In 1831, French writer Victor Hugo invited his readers to step into the cathedral and look up, hailing its “majestic and sublime” architecture. “Great buildings, like great mountains, are the work of centuries,” he wrote.

By sunrise the morning after the fire, much of Notre Dame appeared to be in ruins. Tales of heroism started to emerge, including that of the fire brigade’s chap-

lain, Father Jean-Marc Fournier, who had entered the building as it burned and, with the help of firefighters, rescued some of the cathedral’s relics. This included the crown of thorns said to have been worn by Jesus during his crucifixion.

The disaster portended a chance for France to unify. “I deeply believe that it’s up to us to turn this catastrophe into an opportunity to become better than we are, together,” Macron said at the time.

Donations poured in—340,000 people contributed across the world, including Americans, who gave around \$40 million. But most of the \$900 million derived from France’s wealthiest families. In what appeared to be a game of altruistic one-upmanship, billionaires announced their contributions in quick succession. First, Kering’s François-Henri Pinault, who, shortly after the fire, said his family would give \$113 million. Hours later, LVMH and the family of its CEO, Bernard Arnault, pledged \$226 million. Then L’Oréal and the Bettencourt Meyers family—its biggest shareholder—donated another \$226 million, in part through their foundation.

The yellow-vested protesters didn’t applaud the philanthropic gesture; instead, they returned to the streets days later to decry what they saw as a slap in the face of France’s languishing working classes. They waved banners that read, “We Are All Cathedrals” and “Notre Dame, But Not Us.” The cathedral had become an unlikely political lightning rod in the country’s class war.

“This is a false controversy,” Arnault hit back when speaking to shareholders days later. “It’s quite concerning to see that in France you are criticized even when you do something that is clearly in the public interest.”

Tucked away inside the Élysée presidential palace, Georgelin just needed to amass his troops. After he was appointed, Jost sent him a text message of congratulations, and a few days later, he hired Jost to help.

Together, the men set out to organize the donations and budgets; they submitted and then fielded bids from conservators, artisan restorers and hundreds of crews seeking to handle everything from the cathedral’s cleanup to stabilization efforts. Macron also started tossing the

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STORY

WHAT

French President Emmanuel Macron has staked much of his legacy on rapidly restoring Notre Dame, a cathedral that for centuries has symbolized the country’s civic and religious life.

■

BUT

While the people of France supported the effort in the aftermath of the fire in 2019, the years that followed were beset by pushback, controversy and outrage.

■

NEXT

Before the fire, the cathedral got around 12 million visitors a year, far more than the Vatican. When the cathedral reopens, it will be used mainly during religious services.

men, and France, his own ideas.

Within days of the fire, Macron announced that he would launch an international architectural competition for the reconstruction of that famous spire. The 315-foot spire designed by Viollet-le-Duc was created around the same time as the Eiffel Tower. Macron’s move suggested that adding a new spire designed today could add a modern-day touch to this evolving piece of historic architecture.

Parisians have reams of rules about historic preservation, and the chief architect overseeing France’s historic monuments, Philippe Villeneuve, told French radio that he would resign rather than allow a contemporary spire.

Georgelin was incensed. “As for the chief architect, I have already explained that he should shut up,” the general told the National Assembly a month later to gasps. It didn’t matter. Macron’s plan for a new spire was ultimately shot down by

the country’s National Heritage and Architecture Commission.

The spire controversy was just a side-show to the bigger problem: The roof, which acted as the linchpin of its medieval design, had been nearly destroyed, and threatened to bring the whole cathedral down with it. The roof pushed downward and outward on Notre Dame’s limestone walls, countering the inward pressure generated by the cathedral’s flying buttresses and massive facade. Without the roof in place, the limestone walls of Notre Dame’s nave risked tilting inward, and its vaulted ceiling was close to buckling. To top it off, water used to douse the flames created fissures in the massive stones that arc above Notre Dame’s nave, and seeped into the joints and mortar, leading to crumbling.

Before the fire, workers doing other repairs had erected scaffolding inside the church, and now this 350-ton metal structure stood, charred, twisted and shaky. “It was a kind of monster,” says Xavier Rodriguez, CEO of Groupe Jamias, which intervened to reach inaccessible places. “If the scaffolding had collapsed, the cathedral would have collapsed too.”

The team under Georgelin saw it as another threat to the building’s stability and built a massive additional exoskeleton of scaffolding around it so workers known as “squirrels” could rappel down and remove it piece by piece. They were just days away from starting to dismantle the scaffolding when the country went into a Covid-19 lockdown. For a month and a half, work came to a halt, Jost says, with a small team keeping guard to make sure the scaffolding, which was equipped with sensors, didn’t topple.

It took six months for the squirrels to remove the charred scaffolding after they were allowed to resume their work. “I remember holding my breath every time my team went in,” says Rodriguez, a former squirrel himself. “Once the scaffolding had been removed, we knew the cathedral was saved.”

Everything upended anew after Georgelin’s death. Jost was himself trekking in

the Alps in southeastern France when he got the terrible news. “I was high up in the mountains and I didn’t have a signal,” he says. When he made his way down to the valley, “I must have had 40 messages on my phone.”

Jost, shocked, spoke a few heartfelt words during Georgelin’s packed funeral. A week later, Macron tapped him to oversee the rest of the restoration.

On December 8, 2023, Macron visited the cathedral to check on Notre Dame’s progress. He climbed onto the roof to examine the new spire and engraved Georgelin’s name on one of its uprights. He also announced another competition: selecting an artist to create six new modern stained glass windows to replace a few also designed by Viollet-le-Duc. To Macron, changing them offered a chance to memorialize a profound moment in Parisian history. The existing windows aren’t original to the structure, and the deeply saturated and colorful windows aren’t festooned with saintly scenes; they are more plainly decorated.

To preservationists, it would be a desecration. “These stained glass windows were spared by the fire, and the fire’s destructive work would be continued by removing them,” says Julien Lacaze, head of an association defending France’s heritage, who launched a petition to block Macron’s plans.

When the cathedral reopens, it will be used mainly during religious services—and thorny issues like the stained glass controversy will likely remain unresolved. There is still money in Georgelin’s original budget, and Jost says he is committed to repairing a few areas like the back of the cathedral, which needed restoration even before the fire.

Jost says he is proud of his team’s work, especially under the circumstances. And while it’s anyone’s guess how the rest of the world will react once it’s open, his own mind is made up. “Every time I step into Notre-Dame, it’s a moment of grace and beauty,” he says. “We had forgotten how beautiful the cathedral is.”







OUR VIEW



# Banking reforms must show greater ambition

*Tweaks in Indian banking laws are welcome, but this sector needs a structural shift. Much more credit must go to small needy businesses, while big firms raise funds by issuing bonds*

The 19 amendments to banking laws that were passed by the Lok Sabha on Tuesday remove various niggles in extant provisions, straighten out some others and make life easier for bank customers, especially a tweak that allows four nominees per account. Under the present system of a single nominee, couples tend to nominate each other; should they both pass away together, say, in a road accident, their heirs would have a tough time accessing their inheritance. Instituting multiple nominees would significantly reduce the number of orphan accounts and the monies held in them. While these changes are welcome, they do not address India’s principal challenge of banking. Bank credit to the commercial sector in India has hovered around 50% of GDP. This is far below the figure for most developed countries and also China, where bank loans exceed the economy’s annual output. The only rich country where bank credit is a low proportion of GDP, like India, is the US. But then, America has a well-developed debt market that lets companies borrow from individual investors and saving pools, regardless of whether lending them money is deemed safe or very risky. Rated highly or as ‘junk,’ bonds issued by businesses tend to find takers in the US.

A 2022 report by the Lok Sabha Standing Committee on Finance put the unmet credit demand by micro, small and medium enterprises (MSMEs) at ₹25 trillion or 47% of their borrowing needs. While more than 90% of India’s nearly 60 million MSMEs are micro sized and best served by specialized non-bank finance companies (NBFCs) that have the wherewithal for this task—which involves high processing costs loaded onto small loans—our

banks must play their role, too, by lending money to NBFCs for them to lend tiny enterprises. While this has been happening to some extent, MSME associations still complain that barely 15% of their credit requirements are met from banks. Recently, the Reserve Bank of India (RBI) cracked down on some NBFCs that were allegedly making usurious loans. This was partly on the suspicion that an unhealthy chunk of retail loans were being used by borrowers to speculate on the stock market. The banking sector’s regulator is right to be concerned about that, but wrong to curtail additional lending by NBFCs. After all, a tiny enterprise that’s denied access to an NBFC would probably turn to an informal money-lender who will charge rates of interest many times higher than what even credit-card issuers do, which are typically higher than the rates RBI terms ‘usurious’ when levied by NBFCs.

India’s credit market needs a structural shift. Large well-known companies must raise funds, especially project finance, by issuing bonds instead of borrowing from banks. Large clients lull banks into lazy banking; their funds get deployed relatively safely and profitably, and they’re spared the job of doing risk assessments for relatively small loans. Since risk pricing is the core role that banks are expected to play as financial intermediaries in an economy, such laziness must end. India’s Account Aggregator framework lets banks collate financial data on small borrowers and assess risks in a way that wasn’t possible a decade ago. Banks should take on larger MSMEs as clients and invest in bonds issued by NBFCs that lend to tiny enterprises. Since they would be able to charge higher rates of interest than on loans to large corporations, it would help their bottom-lines too

# Cricket decisions to self-driving car deaths: Spot the AI paradox

*Human biases lead to frequent failures but we expect technology systems to be entirely error-free*



**DEVINA MEHRA** is chairperson, managing director and founder of First Global, an Indian and global asset management company, and author of the forthcoming book ‘Money, Myths and Mantras: The Ultimate Investment Guide’. Her X handle is @devinamehra

A recent Primer on artificial intelligence (AI) in this newspaper mentioned all the ways AI could go wrong. Some of the issues related to AI taking over, like robots coming up with a language of their own. But there were also examples like self-driving cars causing accidents or AI giving wrong medical diagnoses.

Even in cricket, while rule-enforcing systems have been in place for a while, there are still occasional murmurs from players, commentators and spectators about the number of errors these make. People still talk about the wrong dismissal in 2014 of Pakistani opener Shan Masood in a Test match against New Zealand on account of a review call taken by the Decision Review System.

It is rather obvious that human beings will be reluctant to outsource decision-making to systems like this which make errors. This appears to be the right way to do things. But is it?

Let us do a thought experiment. India has more than 150,000 people dying each year in road accidents—among the highest in the world even on a percentage-of-population basis. Now suppose all vehicles are changed to self-driving ones and the death toll drops to 50,000. What will newspaper headlines be? Think carefully before you read any fur-

ther. Will the headlines be, “Self driving vehicles reduce death toll by two thirds”? Or will they be, “Self driving vehicles kill 50,000 Indians every year.” My guess is, it will be the latter.

This is the paradox!

My favourite academic Daniel Kahneman talks about this phenomenon in his book *Noise*, albeit not in the context of AI or self-driving cars.

One key takeaway: A well designed algorithm/rule-based system will almost always beat a so-called experienced expert in any area of human enterprise that requires judgement.

The reasons are simple. One, human beings are prone to biases, which are more systematic. For instance, biases for or against a race, caste, gender, etc. as well as others like loss aversion bias or hindsight bias. Two, having human decision-makers adds noise, which is random variability, to the mix.

Equally experienced experts in areas like judicial sentencing, insurance or investing will differ dramatically in making a judgement on the same issue and with exactly the same facts or information. The same person may come to divergent conclusions at different points in time. Tip: judges are more generous in granting bail or other reliefs after, rather than before, lunch.

This variability is noise, which can be reduced by having a proper system. You can easily visualize this: Give the same company information to an array of stock market experts, analysts or fund managers, and each will have their own take on it. We have all seen that skilled well-known doctors will often differ in their opinion both on the diagnosis of an ailment and the recommended treatment. That, in short, is noise.

The book illustrates that in almost all human endeavours, right from reading mammograms to whether an accused should be granted bail, well-constructed algorithms consistently outperform human beings—that too humans who have a lot of experience and expertise—say, compared with

judges with decades of experience.

So, what’s the problem? It lies in how we judge the competing systems. We intuitively know that human beings will make errors. For instance, doctors routinely misdiagnose ailments and human cricket umpires make mistakes. But we consciously or not expect a machine-led system, say an AI system, to be error free.

We are willing to ditch it at the first mistake: the first wrong diagnosis based on a mammogram or the first accused out on bail who commits a crime. Never mind that doctors and judges are also error-prone. In short, instead of evaluating whether the machine works better than human beings, we expect the machine system to be ‘perfect’.

This is irrational. What we should be testing is whether the machine system improves on the alternative, rather than whether it is completely error-free on a standalone basis.

This usual pattern of thinking leads to wrong choices, as we may abandon a system or machine even if it is better than what was being done earlier.

That is why in the case of self-driving cars, we are not willing to live with a single fatality, even though human car drivers make many more errors and cause more deaths. It is also the reason why we discuss wrong cricketing decisions made by the system far longer than we do the more numerous mistakes made by human umpires.

The moral of the story is this: When it comes to evaluating alternative processes or systems, always pause and think, especially whether you are using the same yardstick to evaluate all the systems or have unrealistic expectations of one.

As an aside, this book is an endorsement of the path that we chose at First Global some years ago to put all our decades of research expertise into a system, which could then be applied on a bias- and noise-free basis across the whole universe of stocks. Of course, this system does not outperform in every single month or quarter—and that is not a bug!



JUST A THOUGHT

Technology... is a queer thing. It brings you great gifts with one hand, and it stabs you in the back with the other.

CARRIE SNOW

MY VIEW | WORLD APART

# Australia’s social media curbs are worthy of emulation

RAHUL JACOB



is a Mint columnist and a former Financial Times foreign correspondent.

Australia’s barring of children under 16 from accessing social media is a giant leap forward for humankind in its effort to police tech companies. The new law, passed in Australian parliament last week with support from the opposition as well, trains a spotlight on the damage that social media does to society. Australia has done the world a service.

Technology companies are mandated to take “reasonable steps” to prevent underage users from using social media services or risk being fined \$32 million. The bill was backed by Australia’s main opposition party, the Liberal Party.

It is 60 years since Donald Horne, an academic, called Australia “the lucky country”, a phrase intended as an insult. Instead, on every visit, I find a pragmatic and sensible country, relative to the thoroughly polarized US and UK. This past week saw calm responses to a freak electricity blackout in Sydney, and then, in the field of cricket, there was the always classy Pat Cummins’

refusal to reflexively axe members of his team after a thrashing by the Indian team.

Critics of the social media bill will point out that enforcement is likely to prove, well, impractical. Certainly, deciding on what form of identity will serve as proof-of-age will be complicated by the need to protect the privacy of citizens.

Yet, the common-sense approach taken by Australian politicians of all stripes in acknowledging the damage social media does to young children is worth emulating. One need look no further than *The Anxious Generation*, a recent book by New York University social psychologist Jonathan Haidt. It documents how rates of depression, anxiety, self-harm and suicide among American undergraduates rose sharply in the decade between 2010 and 2020; anxiety by 134% and depression by 106%. Haidt places the blame squarely on the increased use of smartphones since then.

In Haidt’s telling, the reason exposure to social media of teens and preteens needs policing is straightforward: “While the reward-seeking parts of the brain mature earlier, the frontal vortex—essential for self-control, delay of gratification, and resistance to temptation—is not up to full capacity until the mid 20s, and preteens are

at a particularly vulnerable point in development,” Haidt writes. “As they begin puberty, they are often socially insecure, easily swayed by peer pressure, and lured by any activity that seems to offer social validation.” I happen to be a gay man who has never had any interest in having children, but several passages in this riveting book gave me the chills. As Haidt points out, we don’t allow children to buy alcohol or tobacco or visit casinos—all three admittedly easier to police than access to the world wide web—so why would we allow unrestricted access to social media?

To take just one seemingly harmless example, the selfie, which has harmed young girls’ sense of self-esteem disproportionately. Haidt notes “the increasing prevalence of posting images of oneself, after smartphones added front-facing cameras (2010) and Facebook acquired Instagram (2012), boosting (the practice’s) popularity.” Many among Gen Z, the generation born between 1997 and 2012, became the first

casualties: “Succeeding socially in that universe required them to devote a large part of their consciousness—perpetually—to managing what became their online brand.” Instead of spending time enjoying necessary unstructured play time with their peers, more and more children (and adults) spend their time online on social media. Negotiating differences on the playground or in less rule-bound games and benefiting from face-to-face camaraderie turns out to be a key foundational skill for children that helps in their social development.

Except when governments such as Australia’s or the UK’s move to police them, tech entrepreneurs are brazenly direct about the spell they are casting on us. Asked to name his top competitor, Netflix chief executive officer Reed Hastings said it was sleep. Similarly, by billboarding likes, shares and retweets, Facebook and other social media companies created “a social-validation feedback loop... exactly the kind of thing a hacker like

myself would come up with because you’re exploiting a vulnerability in human psychology,” as Sean Parker, a senior executive at Facebook, is quoted as saying almost a decade ago.

Australia’s social media ban on children under 16 should make adults sit up and pay attention to the damage social media is doing to the fabric of society. The polarization of politics worldwide and the swing right in countries as disparate as the US, the Netherlands and Germany is one sign of this. The toxic quality of much of the discourse on X another.

Billionaire Elon Musk’s outsized role in the US election and his elevation to head a Department of Government Efficiency heralds an era of governance by tech oligopoli- tists that even great novelists could not have dreamt of. Musk has recently taken aim at the British government, calling it a “police state” because the Labour government has prosecuted and jailed people who spread hate speech online during riots in the UK earlier this year.

It is abundantly clear that so-called Tech Bros are not shy about throwing their weight around. More governments, like Australia’s and the UK’s, urgently need to find ways to discipline them.









# International GITA Mahotsav

28 November-15 December  
Kurukshetra, Haryana

सर्वधर्मान्परित्यज्य मामेकं शरणं ब्रज ।  
अहं त्वा सर्वपापेभ्यो मोक्षयिष्यामि मा शुचः ॥  
भगवद्गीता 18-66

सम्पूर्ण कर्तव्य कर्मों का आश्रय छोड़कर तू केवल मेरी शरण में आ जा ।  
मैं तुझे सभी पापों से मुक्त कर दूंगा, शोक मत कर ।

Abandoning all duties, come to Me alone for shelter.  
Be not grieved, for I shall release you from all evils.

## International Gita Mahotsav

### Inauguration

December 5, 2024

By

**Sh. Bandaru Dattatraya**

Governor, Haryana

**Lt.Gen. Gurmit Singh (Retd.)**

Governor, Uttarakhand

**Sh. Arif Mohammed Khan**

Governor, Kerala

**Ms. Tabia**

Minister for Information, Youth & Culture,  
Zanzibar

and

**Sh. Nayab Singh Saini**

Chief Minister, Haryana

#### Main Programmes

- 09:00 am Gita Yajna and Gita Pujan  
(Brahma Sarovar, Kurukshetra)
- 11:15 am Inauguration of the Pavilions of  
Haryana, Partner State Odisha and  
Partner Country Tanzania
- 12:30 pm Inauguration of International Gita  
Seminar
- 05:00 pm Bhajan Sandhya and Maha Aarti
- 06:00 pm The Cultural Evening



“सभी देशवासियों को गीता जयंती की अनंत शुभकामनाएं।  
श्रीमद्भगवद्गीता सदियों से मानवता का मार्गदर्शन करती आई है।  
अध्यात्म और जीवन-दर्शन से जुड़ा यह महान ग्रंथ हर युग  
में पथ प्रदर्शक बना रहेगा।”

**- नरेन्द्र मोदी**



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