# Daily Current Affairs

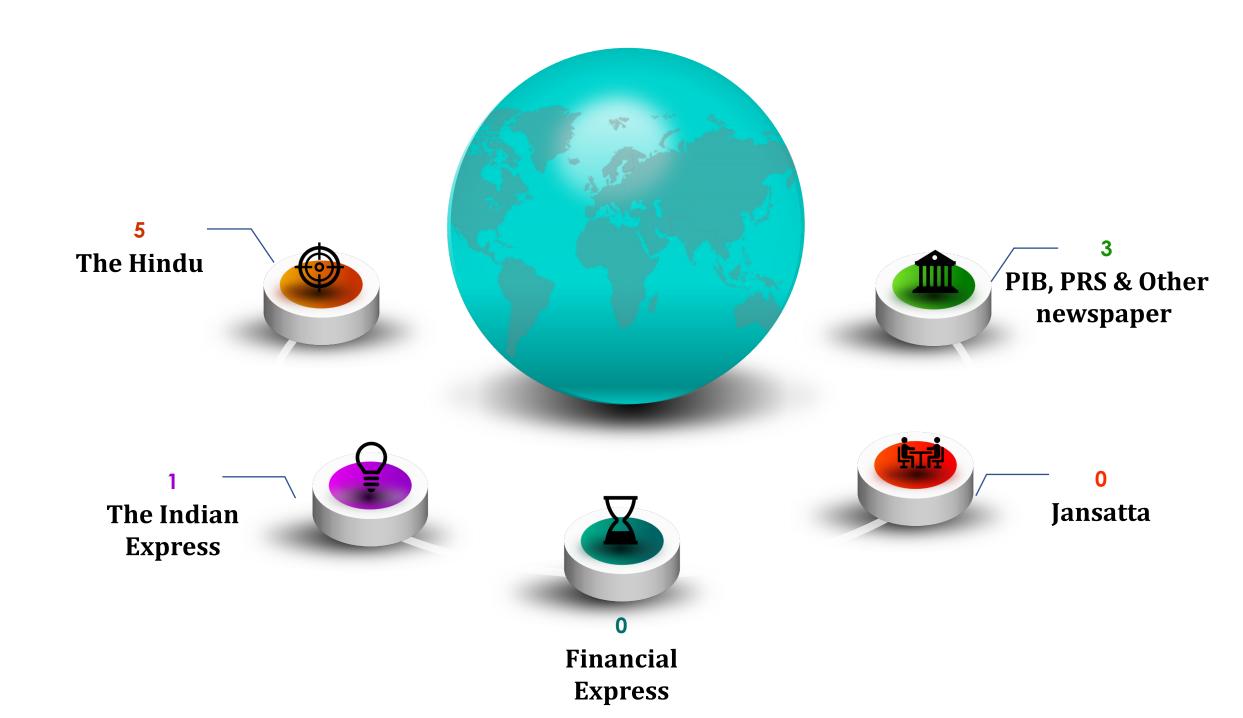












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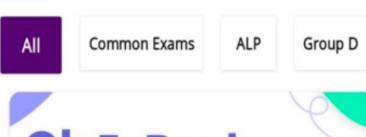
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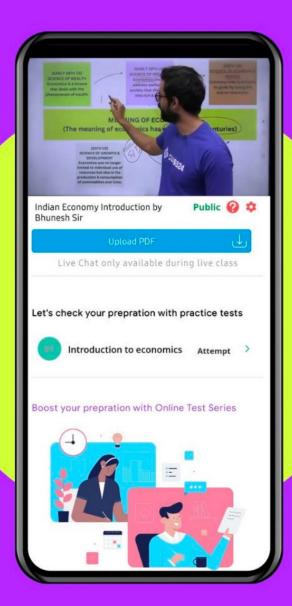
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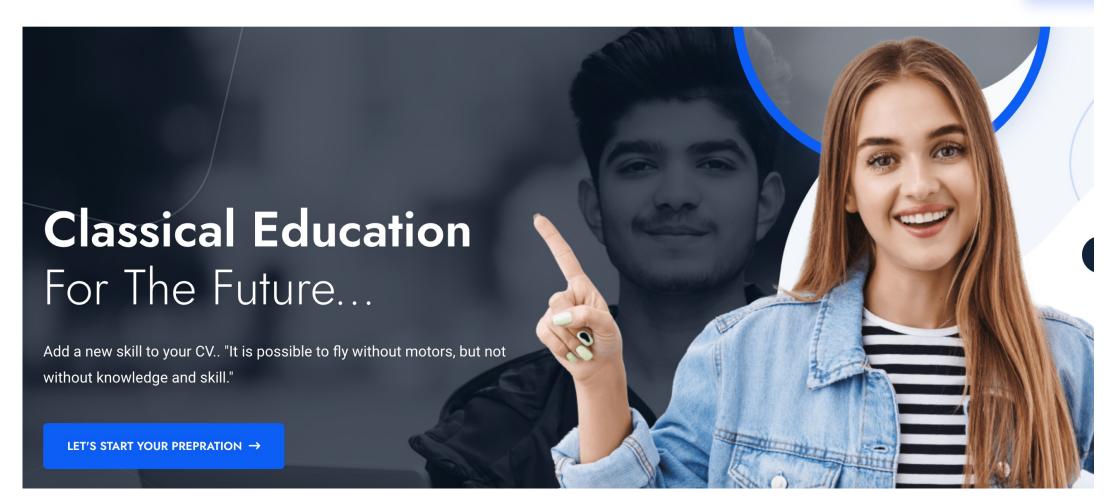






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-- Helen Keller











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**Unboxing** 'export turnaround in India's toy story The reason is protectionism, not domestic sector growth



9 YEARS OF MODI GOVT. Every step guided by desire to help people' NEWS » PAGE 12

#### Wrestlers defer plan to immerse medals

#### Mehul Malpani

Gathesed on the banks of the Ganga at Harishwar to immerse their medials as an act of protest just two days and the gather of the gather of the gather of the gather were stopped by the gather was a state of the gather were stopped by the gather was gather was a state of the gather was gather was

CONTINUED ON

#### **Amit Shah appeals for** 15-day peace in Manipur

Home Minister meets Kuki civil society groups in Churachandpur district; Centre likely to appoint a judicial commission headed by a retired Supreme Court judge to probe violence in the State

#### Vijaita Singh Rahul Karmakar

nion Home Minis-ter Amit Shah on Tuesday appealed for a 15-day peace in Mani-pur during a meeting with Kuki civil society groups in Churachandpur district, a member of the Kuki group

said. The Centre is likely to The Centre is likely to announce a judicial inqui-ry commission headed by a retired Supreme Court judge to probe the violence in Manipur, Muan Tomb-ing, general secretary of the Indigenous Tribal Leaders Forum (ITLF) told

The Hindu.

"The Home Minister said peace be given a chance for the next IS days for a solution to be achieved. He said the

Centre will appoint a Judi-cial commission and sepa-rate teams will visit Imphal and Churachandpur dur-ing the period. We assured the Minister that we will not attack any group but if attacked, we will defend ourselves," Mr. Tombing said.

He said Mr. Shah pro-

#### ethnic clash, not insurgency: CDS

is primarily an ethnic clash and has nothing to do with insurgency, said the Chief of Defence Staff General Anii Chauhan. "It is a law-and-order kind of situation and we are helping the State government," Gen. Chauhan said. 30 PAGE 12

mised a Central Bureau of Investigation (CBI) probe. He said the Kuki groups pressed for President's Rule and reiterated de-mand for a separate admi-nistration from Manipur. "The Minister asked us ourselves. We told him that till Meitel groups – the Aa-rambai Tenggol and Meitel Leepun – surrendered the weapons looted from pol-ice armoury, we will not lay down arms," Mr. Tomb-ing said. ing said.

#### 10 pilgrims killed as bus falls off bridge in Jammu

#### The Hindu Bureau

Ten pilgrims were killed and 57 injured when a bus heading for the Mata Vaish-no Devi shrine fell off a bridge in Jammu's Katra

Initial reports said the Initial reports said the victims were from Bihar. 
"The bus was on its way to Katra from Amritsar when the Incident took place about 15 km from Katra, in Jammu district," Senior Superintendent of Police, Jammu, Chandan Kohli said.



OPPORTUNITIES IN PAGE 19







#### Jagan to shift to Vizag before September: YSRCP leader

Andhra Pradesh Chief Minister V.S. Jagan Mohan Andhra Pradesh Chief Minister Y.S. Jagan Mohan Reddy is likely to shift from Amaravati to Visakhapatnam, and start functioning from the city well before September. Speaking about the decision to set up three capitals, Sajjala Ramakrishna Reddy, VSRCP general secretary and adviser (Public Affaira), told the media here on Tunedaw. The administration procedure of and agrees? (PUSIC ARIAITS), tool the media here on Tuesday, "The administrative procedure of shifting from Amaravati to Visakhapatnam may commence much before September. There are certain legal issues that need to be sorted out before shifting to the Executive capital."

#### Davananda is the new Police Commissioner of Bengaluru

The Karnataka government posted B. Davananda as the Bengaluru Police Commissioner on Tuesday. He was previously heading the State Intelligence Bureau. He replaced C.H. Pratap Reddy who has been transferred and posted as the DGP, Internal Security Division. K.V. Sharah Chandra, ADGP, CDI, has been transferred and posted as ADGP, Intelligence, in place of

#### Free bus travel for women in Karnataka after Cabinet meet

The much awaited free travel for women in The much-awaited free travel for women in ordinary buss — one of the promises of Cabinet Congress — will be implemented after the Cabinet Transport Ramalinga Reddy. On Tuesday, he met officials of the four State-run Road Transport Corporations — State-run Road Transport Corporations— Scheper (Ille submitted to Chief Minister Siddaramaiah on Wednesday, On June 1 a decision will be taken, "he said.

#### Population-based delimitation | CM Mann decides to unfair to southern States: KTR

BRS leader asks all parties in South India to raise their voice against the 'impending injustice', highlights that they are likely to be punished for following Centre's population control policies

orking presi-dent of the Bharat Rashtra Bharat Rashtra Samithi (BRS), K.T. Rama Rao, has asked people and politicians of the southern Samithing to the property lines to train their politicians of the ragainst the "impending in-justice" staring at them with the proposed delimi-tation of constituencies to be taken up in 2026, based on population.

on population.
It is unfortunate that the southern States which followed the Centre's policies to control the population growth are going to be punished for the same in the delimitation of consti-



trolling population growth would help the country overcome several pro-blems, the southern States had followed the popula-tion worted podicional

tion control policies and succeeded in the goal, the Telangana IT Minister said.

However, the southern

population. At the same time, the States which did not care about the Centre's words for population con-trol, particularly the northern States, are poised to benefit in the delimitation exercise on the grounds of higher population growth, he pointed out.

The Hindu Bureau

Andhra Pradesh, Karnata Andhra Pracesh, Karnsata-ka and Telangana which followed the progressive policies to control the pop-ulation growth and stayed ahead in all human deve-lopment indices compared to the northern States we going to be punished in the delimitation, he noted.

delimitation, he noted.
"With only 18% popula-tion, the southern States have been contributing 35% to the country's GDP and the proposed delimita-tion based on population is a gross injustice to them", he said. He added that the proposed delimitation was not only "irrational" but ties in the federal structure" and stressed the need to raise voice against

#### expand Cabinet with two more Ministers

The Hindu Bureau

The Aam Aadmi Party (AAP) government in Pun-jab is all set to expand its Cabinet with two legislators slated to be drafted in

Ahead of the Cabinet expansion and possible resh-uffle, State Minister Inderuffle, State Minister Inder-bir Singh Nijjer resigned from the Council of Minis-ters. Punjab Chief Minister Bhagwart Mann forward-ed his resignation to Gover-nor Banwari Lal Purobit

for early acceptance.

Kartarpur MLA Balkar

Singh and his Lambi counterpart Gurmeet Singh Khudian would be inducted into the Cabinet

The government has re-uested the Governor to

Unite against Sangh Parivar, says Pinarayi



A government state-ment said that in a commu-nique to the Governor, Mr. Mann had impressed upon resigned on personal grounds.
The portfolios too could

be rejigged, sources said. In Punjab, there are 15 Mi-

#### Kerala gears up for southwest monsoon

The Hindu Bureau HIRUVANANTHAPURAM

Kerala has decided to create a reserve of equip-ment needed for emergen-cy rescue operations at the cy rescue operations at the local body level for better

disaster response.

The decision was taken at a meeting of the Kerala State Disaster Management Authority called by Chief Minister Pinarayi Vijayan to review the monsoon

preparedness here on Tuesday. As the State ex-pects above-normal rain-fall during the southwest monsoon this year, Mr. Vi-jayan has directed all the district administrations to district administrations to hold a review of the mon-soon preparedness in the first week of June, July and

for the reserve will be allo-cated from the State Disas-

#### "During the freedom

struggle, there was one group which wanted the British rule to continue, Accusing the Union goplayed no part in the strug-gle and belittled the strug-gle. After we gained free-dom, they wanted to turn this into a nation where revernment and the Sangh Parivar of pushing the country towards becoming a theocratic state, Kerala Chief Minister Pinaravi Vi-Chief Minister Pinarayi Vi-jayan on Tuesday called on secular-minded people to step up interventions to counter such attempts. He was speaking at the closing ceremony of the 60th State conference of the Kerala NGO Union here on Tuesday. 'Theocratic state'

turning the wheel of governance of our country. Those who are supposed to protect secularism are trying to destroy it and turn this into a theocratic state. This was evident even in the inauguration of the new Parliament, which

he said.

Mr. Vijayan said that
constitutional values are
being deliberately undermined as a part of this attempt towards creating a theocratic state. Minorities

rious States and those res-ponsible are getting the protection and support of the Union government. Even in the rare cases in

which they are punished the convicts are being freed from jail using the go-

#### Explosives seized from house in

Kasaragod The Hindu Bureau

A special team of the Excise Department which came looking for drugs and contraband stumbled upon a huge quantity of ex sives at a house in Kera

la's Kasaragod on Tuesday. A large collection of ex-A large collection of ex-plosives, including detora-tors and gelignite sticks, were seized. According to an officer, they were seized from the house of Mo-hammed Mustafa. The accused was taken incustody and a case has been registered against

The police said an investigation was being con-ducted to identify the

#### Starting trouble



#### **Uddhay Thackeray camp** says Shinde faction MLAs. MPs unhappy with BJP

After the Uddhav Thacke ray-led Shiv Sena (UBT) claimed that 22 legislators and nine Lok Sabha members of the rival Eknath Shinde-led Shiv Sena were reportedly unbappy with the Bharatiya Janata Party (BPS), Maharashtra Deputy (BPS), Maharashtra Deputy Padmavis responded by alleging that there was "massive unrest" within Mr. Thackeray's custin is due to three-four people. It will be out in the public soon. Why should it speak about It's Everyboody will come to reportedly unhappy with

A police officer who fought for gender equality

An edit in the Saamana claimed th 22 MLAs and nine ned that MPs of Shinde's faction could quit

know about it," said Mr. Fadnavis on Tuesday. While the BIP leader refused to elaborate on who was allegedly creating 'un-rest' within the Thackeray rest' within the Thackeray camp, it is believed his jibe was directed at the circle close to Mr. Thackeray, particularly Sena (UBT) MP Sanjuy Raut, who is ex-ecutive editor of his parEknath Shinde's faction could quit as they were re-portedly feeling stifled by the "step-motherly treat-ment" of their ally, the BJP. The edit further claimed that senior Shinde camp leaders like MP Gajanar Kirtikar had reportedly ex-pressed displeasure over the BIP's attitude to the

As many as 40 legisla-As many as 40 legisla-tors and 13 MPs of the then undivided Shiv Sena led by Uddhav Thackeray had joined Mr. Shinde follow-ing the latter's revolt in June last year, which brought down Mr. Thacke-ray's repartite Maha Vilkas

#### Scientist team discovers new exoplanet with mass 13 times that of Jupiter

#### Hemanth C.S. BENGALURU

A new lumiter-size exopla-A new Jupiter-size exopla-net with the highest densi-ty known till this date and mass IS times than that of times than that of vered by an international team of scientists led by Prof. Abhijit Chakraborty at the Exoplamet Research Group of the Physical Re-search and the control of the Ahmedabard atory (PRL).

An exoplanet is any platem and the one disco-

land and the U.S. is with a density of -14 g/cm3.

Massive giant exoplanets are those having mass greater than four times that of

ter than four unite time to Jupiter.

The Indian Space Re-search Organisation (ISRO) said that the discovery of this massive exoplanet was made using the indigenous-ly made PRL Advanced Ra-ticLoudering Abu-sky dial-velocity Abu-sky Search spectrograph (PA-RAS) at the 1.2 m telescope of PRL at its Gurushikhar Observatory in Mt. Abu by measuring the mass of the planet precisely. The newly discovered exoplanet was

found around the star called TO14603 or HD ing Exoplanet Survey Satel-lite Initially declared TO14603 as a possible can-body of unknown nature. "What sets this discov-erable into the transition mass range of massive giant planets and sow-mass ranging from II to 16 times.

ranging from 11 to 16 times the mass of Jupiter. Only fewer than five exoplanets are currently known in this mass range so far," the IS-RO said.

Till 2002, khaki sari was the uniform of women in the Kerala Police. But N.A. Vinaya, who joined the force in 1991, refused to wear sari which she found \*difficult and embarrass-

"difficult and embarrass-ing" while on duty. She wore pants and a tucked-in-shirt like her male counter-parts, which invited ire in the constant of the counter-ter of the counter-te tuck in their shirts. the DGP's circular in court

alleging that it was "dis-criminatory and anti-con-

the right to disobey an or This was one of the many legal battles Ms. Vinaya has fought for gender

ments which were cut as disciplinary action. In 2014, the police force itself officially adopted the gender-neutral uniform. The entire life of Ms. Vi-

The entire life of Ms. VI-naya, now sub-inspector of the Thrissur Rural Wo-men's police station and al-so the station house officer (SHO) there, has been a crusade for the cause of women's rights. Ms. Vinaya, who had been instrumental in many

been instrumental in many path-breaking changes for gender equality in Kerala, is retiring from service on May 31.

In 2002, women were not allowed to take part in the march past at the Kerala State Police Meet, She

questioned the practice. At last, three of them were alleaves the points they earned in the competitions were not counted. Ms. Vitrack in protest. The incitrack in protest. The incident led to her suspension and later dismissal. However, the counter of the counter of

case against gender dis-crimination in government application forms in 1999. The forms used to ask names of only father and 2002 suspension husband, never the mother and wife," she says

make application forms gender-neutral. But the or-der was implemented only

Breaking male bastions Three suspensions and a dismissal in the 32-yearlong service had only strengthened Ms. Vinaya.

In 2016, Ms. Vinaya, along with three other wo-men, participated in Pullic-kali, breaking into a 200-year-old strictly male bas-tion. She formed WINGS (Women's Integration and Growth Through Sports) to site olds recovery. sess and games.

ments are always 'enter tions for society. I want to The High Court in 2001 she adds.

# Scientist team discovers new exoplanet with mass 13 times that of Jupiter

#### Hemanth C.S.

**BENGALURU** 

A new Jupiter-size exoplanet with the highest density known till this date and mass 13 times than that of Jupiter, has been discovered by an international team of scientists led by Prof. Abhijit Chakraborty at the Exoplanet Research Group of the Physical Research Laboratory (PRL), Ahmedabad.

An exoplanet is any planet beyond the solar system and the one discovered by scientists from India, Germany, Switzerland and the U.S. is with a density of ~14 g/cm3.

Massive giant exoplanets are those having mass greater than four times that of Jupiter.

The Indian Space Research Organisation (ISRO) said that the discovery of this massive exoplanet was made using the indigenously made PRL Advanced Radial-velocity Abu-sky Search spectrograph (PARAS) at the 1.2 m telescope of PRL at its Gurushikhar Observatory in Mt. Abu by measuring the mass of the planet precisely. The newly discovered exoplanet was

found around the star called TOI4603 or HD 245134. NASA's The Transiting Exoplanet Survey Satellite initially declared TOI4603 as a possible candidate to host a secondary body of unknown nature.

"What sets this discovery apart is that the planet falls into the transition mass range of massive giant planets and low-mass brown dwarfs with masses ranging from 11 to 16 times the mass of Jupiter. Only fewer than five exoplanets are currently known in this mass range so far," the IS-RO said.



30% GAS GIANT

The size of Saturn or Jupiter (the largest planet in our solar system), or many times bigger. They can be hotter than some stars!

31% SUPER-EARTH

Planets in this size range between Earth and Neptune don't exist in our solar system. Super-Earths, a reference to larger size, might be rocky worlds like Earth, while mini-Neptunes are likely shrouded in puffy atmospheres.



4% TERRESTRIAL

Small, rocky planets. Around the size of our home planet, or a little smaller.



35% NEPTUNE-LIKE

Similar in size to Neptune and Uranus. They can be ice giants, or much warmer. "Warm" Neptunes are more rare.

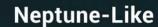
5000+ PLANETS FOUND

## **Exoplanet Types**



#### **Terrestrial**

Earth-sized or smaller, mostly made of rock and metal. Some could possess oceans or atmospheres and perhaps other signs of habitability.



Similar in size to our own Neptune and Uranus, with hydrogen or helium-dominated atmospheres. "Mini-Neptunes," not found in our solar system, are smaller than Neptune but larger than Earth.

#### **Gas Giants**

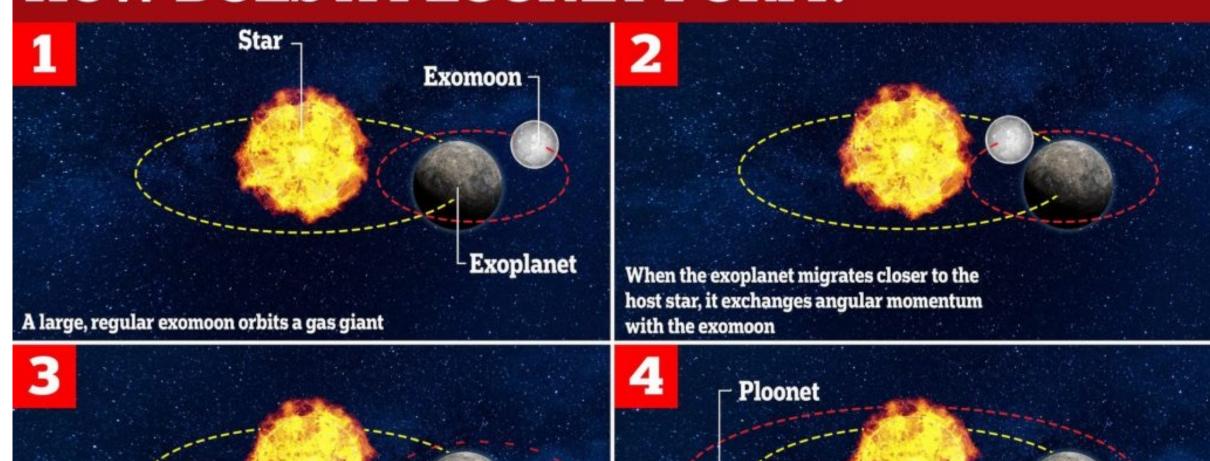
The size of Saturn or Jupiter, or much larger. They include "hot Jupiters" - scorching planets in close orbits around their stars.



### Super-Earth

Typically "terrestrial," or rocky, and more massive than Earth but lighter than Neptune. They might or might not have atmospheres.

## **HOW DOES A PLOONET FORM?**



This enables the exomoon to escape its original orbit around the gas giant



- An exoplanet is any planet beyond our solar system.
- Most orbit other stars, but free-floating exoplanets, called rogue planets, orbit the galactic centre and are untethered to any star.
- They can be gas giants bigger than Jupiter or as small and rocky as Earth.
- They are also known to have different kinds of temperatures boiling hot to freezing cold.
- Scientists rely on indirect methods for discovering exoplanets, such as the transit method, which is measuring the dimming of a star that happens to have a planet pass in front of it.

### About red dwarf stars:

- Such types of stars are the most common and smallest in the universe.
- As **they don't radiate much light**, it's very tough to detect them with the naked eye from Earth.
- However, as red dwarfs are dimmer than other stars, it is easier to find exoplanets that surround them.
- Therefore, red dwarfs are a popular target for planet hunting.

#### **Despite Gehlot-Pilot truce, key** 'issues' are yet to be ironed out

While Pilot remained silent, Gehlot talked about patience and waiting for the right opportunity to serve the party; to

he Congress may have announced truce between Ra-jasthan Chief Minister Ash-ok Gehlot and his former Deputy Sachin Pilot, and asserted that the two would unitedly fight the Assembly polls, but sources claimed "core issues" have not been addressed.

both Mr. Gehlot and Mr. Pi-lot told The Hindu on Tuescluding one to make him the Pradesh Congress Committee (PCC) chief



Balancing act: Congress chief Mallikarjun Kharge with party leaders Rahul Gandhi, K.C. Venugopal, Sukhjinder Singh Randhawa, Ashok Gehlot and Sachin Pilot in New Delhi on Monday. Ptl

rebellion against Mr. Geh-lot in July 2020.

"I remember the words of Sonia Gandhi who at the Congress convention had asked party workers to have patience and they would get to serve the par-ty in some way. I keep this in my heart and tell party people to have patience. They would get the opportunity to serve the party in some way. So I call for pa-

More the words might the words and the words and the words and the words are the words and the words are the words and the words are the words are words and the words are words are words and the wor

plays." ma. Earlier, Mr. Pilot had given an 'ultimatum' to his message to Mr. Pilot, who own government to order a

nign-level probe into al-leged corruption during the previous Vasundhara Raje-led government by the end of May. "He [Mr. Pilot] has no other option but to start

his agitation programme it no firm announcement is made. Maybe, he will wait till June II [his father Ra-jesh Pilot's death anniversaryl and then make an an-

sary) and then make an am-nouncement. But he is firm about his demands," said one of his supporters. We have the Hindu that apart from the press conference of Mr. Ve-maporal with the two lead-regress chief Mallikarjum khange's house, the top leadership held separate gress chief a plota spearate them and all of them posed together for a photo inside Mr. Khange's official resi-dence.

Migration agents letting students down: Australian envoy

#### Government drops plans to host SCO summit in Delhi, will now be in virtual format

In a sudden change of plans just a month before the Shanghal Cooperation Organisation (SCO) summit, the Ministry of External Affairs (MEA) amounced that India will now Chair the summit in our case of the company of t virtual format, not in-per-son, as planned before. "Under India's first-ever

Chairmanship, the 22nd summit of the SCO Council of Heads of State will be of Heads of State will be held in the virtual format on July 4, 2023, chaired by Prime Minister Narendra Modi," said an MEA press release, adding that lead-ers of "all SCO member states": China, Russia, Ka-zakhstan, Kyrgyzstan, Pa-kistan, Tajikistan and Uz-bekistan, have been bekistan, have been invited to attend the summit via video conference. Turkmenistan is a permadents of Iran, Belarus and summit in New Delhi."

The Centre has not got confirmation from some SCO

ed as Observer States. No reason was given for the change, although the original invitations to SCO leaders, including Russian President Vladimir Putin President Vladimir Putin, Chinese President Xi Jinping, Pakistan PM Shehbaz Sharif and leaders of Cen-tral Asian states, had invit-ed them to Delhi. In addi-tion, during the SCO Poreign Minister's meeting in Goa, an official release issued after a meeting bet-ween Minister of External Affairs S. Jaishankar and SCO Secretary-General Zhang Ming had referred to cooperation on "suc-cessfully holding the main nent invitee, while Presi- event, specifically, the SCO

Diptomatic sources said the government's decision to hold the summit via vi-deoconference was only intimated to them just be-fore the MEA announce-ment. An "urgent" letter sent by India's SCO Nation-al Coordinater Volva Patel states and Mr. Ming simply said that the "Indian side SCO summit on July 4 will be held in virtual form

Sources told The Hindu

ing war in Ukraine, and re-cent escalation of drone attacks in Kviv and Moscow

#### India keen to boost ties with Cambodia

#### + Press Trust of India

President Droupadi Mur-mu on Tuesday said India is keen to further elevate its defence relations with Cambodia besides increasing tourism and people-to Welcoming Preah Bat

Samdech Preah Borom neath Norodom Sihamoni the King of Cambodia at Rashtrapati Bhayan, Ms Murmu said there is great potential for further Cambodia. She said India is keen to further elevate its defence relations with the Southeast Asian

dia, she said his visit demportance that Cambo dia attaches to its ties with India as the two countries share a rich and vibrant relationship. "We value our shared

history and consider Cam bodia as our civilisatio

Orging students wishing to study in Australia to be cautious of "migration agents" who fill false information in their applica-tions, Australian High Commissioner Barry tons, Australan High Commissioner Barry O'Farrell said that the "up-tick" in fraudulent applica-tions had led to universi-ties in Australia to bar applicants from six Indian States. These include Pun-States. These include Pun-jab, Haryana, Uttarakhand and Uttar Pradesh, and Jammu & Kashmir. Mr. O'Farrell, who ends his tenure in India shortly,

EXPRESSION OF INTEREST

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said that India can never been "ignored" again in Australia given the growing diaspora there, and insist-ed that Australia welcomes Indians from every part of the country.
"What we see is a failure by migration agents who are letting down students by not completing their forms accurately. We have

had raised issues such as had raised issues such as recrultment exams paper leak, Mr. Gehlot asserted that his government had delivered on the ground. The amouncement of truce by general secretary (organisation) K.C. Vena-gopal, without directly ad-ditional of the property of the control of the property of the pr

mands of Mr. Pilot has put his supporters in a dilem-ma. Earlier, Mr. Pilot had

ganised by the Indian Assoseen an uptick of false in-formation and fraudulent ciation of Foreign Affairs Correspondents (IAFAC). applications and as a result a very small number of Orrespondents (IAFAC).
Mr. O'Farrell, former
Governor of New South
Wales Province, was appointed High Commissioner to India by the then Australian Prime Minister a very small number of [Australian] universities have turned the tap off on migration agents responsi-ble," Mr. O'Farrell told

Referring to the diaspora event in Sydney last week, Mr. O'Farrell said that the India-Australia relation-ship is at the "best ever" le-vels and that the Indian

vels and that the Indian community in Australia had an important role in strengthening ties. Indian migrants form the second-highest popula-tion of residents in Austra-lia with a population of more than 7,00,000 and about 86,000 Indians stu-dy at Australian universi-

ties. He also said that initia-tives such as the Economic Cooperation and Trade Agreement (ECTA), and an FTA under negotiation, the common vision of the Quad and the Indo-Pacific, and hopes of building resi-lient supply chains had brought the two countries

closer together. "Australia has elements that India needs to grow." he said pointing to critical minerals and rare earths needed for Electric Vehi-

ments in the country, and the incidents of vandalism the incidents of vandalism and painting of anti-India and anti-Modi graffiti on temples in the country

"It is disturbing for me diaspora has been seen as diaspora has been seen as a very law abiding and peaceful community." He said that whoever was be-hind the attacks was "blackening the name of Australia" that prides itself on being a multicultural society.

#### NIA names 'mastermind' in Ludhiana blast case

#### The Hindu Bureau

The NIA has filed a supple mentary chargeshee

The agency has alleged that Pakistan-based Lakhbir Singh Rode, who is from Moga in Punjab, was the mastermind of the at-tack. He had got Impro-vised Explosive Devices (IEDs) smuggled into India

₹10 lakh on him. He was a rested in December 2022 soon after he landed at the Indira Gandhi Internatio al (IGI) Airport in New Del-hi from Malaysia.



Particulars of the bid may be visited on the procurement p. (http://eproc.rajoethan.gov.in, http://eppp.mj.nic.in/ of the state. USN No.: 88723245L0808005				
Raj.Sarwand/C/23/3105	Commissioner (Inv. & NR Is)			
MERALA WATER AU	THORITY e-Tender Notice			
(1) Improving water supply to Fort Rochi area of 600mm (2) 80 sumpling main for a langth	L24/SEIPHC/CHN GENERAL - AMRUT 2.0 - - Supplying, laying, testing and commissioning of 3000m from Beach road Jr., to Fort Knoh C to the existing consisted schemes is Knoh			

TIRUMALA TIRUPA	ngineer	TENDER MOTOR
Adv. No. 17/93/05/TRD/2023-24 *Name of works: (1) Facility Manage at maintenance for Madhavam Rest	ement Service for House House (164 Rooms) at	e keeping and Sanitation are Ulinguiti for the years 2023
2024, 2024-2025 & 2025-2026 (fo 36 moeths, #Schodu le Develond St End Date: 26-06-2023 (1,00 P.M.) (2,00s, m. INDEE: Forth Bistolik less	ert Date: 07-06-2023 ■ Last Date for bi	(05,00 p.m.): •Bove leader d submission: 26-06-2021

Note: For further details visit www.apeprocurement.gov.in	Sci- Dr.V. Radhika Reddy REGISTRAR
<ol> <li>Supply and installation of high availability servers to Vijeyswaids.</li> </ol>	
Name of the work	
Sealed Tenders are invited for the following work at Dr. YSR Universi	ity of Health Sciences, Wjayawadi
Houst A We/TS/DRIZ/23 TENDER HOTICE (2nd Cod)	
VIJAYAWADA — 52	



DELHI JAR. BOARD. GOVY, OF M.C.Y. OF DELHI OFFICE OF THE CHAIR PROMISERS (DIFFINION).  VARUNALAYA BULLUT HIS STATEMENT OF THE CHAIR PROMISERS (DIFFINION DELIN-11900)  MICHAELERSECTION LOSSIN. MICHAELERSECTION LOSSIN.					
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Providing House Bower Connections from rearest DJB Marindest chambers to individual house in Sangam Whar GDC, dicalonies under EE/C/DH-XV Sender ID: 2023 DJB 241862 1	3,85,03,4115	15004 Non refundable	7,70,068/-	04 Months	10.06.2023 a 03:10 PM
Providing House Sewer Connections to individual households in Sangam Whar (14 colonies), Tender ID: 2023_DJB_241862_2	4,43,20,274	19004 Non refundable	0,00,405	04 Months	19.06-2023 a 03:10 PM

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Cambodian King Norodom Sihamoni meeting President Droupadi Murmu and Prime Minister Narendra Modi. SUSHIL KUMAR VERMA

# 'India keen to boost ties with Cambodia'

#### **Press Trust of India**

**NEW DELHI** 

President Droupadi Murmu on Tuesday said India is keen to further elevate its defence relations with Cambodia besides increasing tourism and people-topeople contacts.

Welcoming Preah Bat Samdech Preah Boromneath Norodom Sihamoni, the King of Cambodia, at Rashtrapati Bhavan, Ms. Murmu said there is great potential for further growth in trade and investment between India and Cambodia. She said India is keen to further elevate its defence relations with the Southeast Asian country.

Welcoming King Sihamoni on his first visit to India, she said his visit demonstrates the importance that Cambodia attaches to its ties with India as the two countries share a rich and vibrant relationship.

"We value our shared history and consider Cambodia as our civilisational sister country," Ms. Murmu said.

		Religion (2019)	97.1% Buddhism (official) <sup>[3]</sup> 2.0% Islam 0.3% Christianity 0.5% Others <sup>[4]</sup>	Area • Total • Water (%)	181,035 km <sup>2</sup> (69,898 sq mi) (88th) 2.5
		Demonym(s)	Cambodian · Khmer · Kampuchean (historical)	Population • 2022 estimate	16,713,015 <sup>[5]</sup> (72nd)
			Unitary dominant- party parliamentary	• Density	87/km² (225.3/sq mi)
			elective constitutional monarchy	GDP (PPP)  • Total	2023 estimate ▲\$98.228 billion <sup>[6]</sup> (97th)
Show	v globe	Monarch     Prime Minister	Norodom Sihamoni Hun Sen	• Per capita	▲ \$6,081 <sup>[6]</sup> (144th)
	Southeast Asia ow all mbodia (green)	President of the Senate     President of the National Assembly	Say Chhum Heng Samrin	GDP (nominal)  • Total	2023 estimate ▲\$30.708 billion <sup>[6]</sup> (108th)
Capital	Phnom Penh	Legislature	Parliament	• Per capita	▲ \$1,901 <sup>[6]</sup> (151st)
and largest city	11.57°N 104.91°E	Upper house     Lower house	Senate National Assembly	Gini (2013)	36.0 <sup>[7]</sup> medium
Official language and national language	Khmer <sup>[1]</sup>	Formation • Funan	68–550	HDI (2021)	▼ 0.593 <sup>[8]</sup>
Official script	Khmer <sup>[1]</sup>	Chenla     Khmer Empire	550–802 802–1431		medium · 146th
Ethnic groups (2019)	95.6% Khmer 2.4% Cham 1.5% Chinese 0.2% Vietnamese 0.3% Other <sup>[2]</sup>	Middle period     French protectorate     Independence from France     Current constitution	1431–1863 11 August 1863 9 November 1953 24 September 1993	Currency	Riel (\$) (KHR; de jure and de facto) United States dollar (\$) (USD; de facto) [9][10]

- Cambodia is a representative of Indian cultural outreach to the Asian region because the biggest Hindu temples like Angkor Watis in Cambodia which has recognition of UNESCO world heritage site. India is involved in the restoration and preservation of Angkor Wat which is an honour for India. It is part of the joint cultural heritage of Cambodia and India.
- The cultural ties with Cambodia and other ASEAN nations is a factor of India's soft power.

- India agreed to provide lines of credit, including nearly \$37 million to finance a Cambodian water project.
- India also offered lines of credit for setting up specialty hospitals, expanding road, rail and digital connectivity and construction of a high-powered electric line.
- India and Cambodia also signed a MoU on the prevention of human trafficking under which the two countries will seek to increase bilateral cooperation on the issues of prevention, rescue and repatriation related to human trafficking.



Location Siem Reap, Cambodia

**Altitude** 65 m (213 ft)

History

Builder Started by Suryavarman II

Completed by Jayavarman

VII

Founded 12th century<sup>[1]</sup>

**Cultures** Khmer Empire

**Architecture** 

**Architectural** Khmer (Angkor Wat style)

styles

#### **UNESCO World Heritage Site**

Official name Angkor

**Type** Cultural

Criteria i, ii, iii, iv

**Designated** 1992 (16th session)

Reference no. 668 ₺

Region Asia and the Pacific

#### IN BRIDE

14



#### 4,433 kg of poppy straw worth ₹1 cr. seized in Gujarat; 2 held

In a major haul, the Central Bureau of Narcotics (CBN) Madhya Pradesh unit has seized 4,433.45 kg of poppy straw packed in 2006 plastic bags and hidden behind boxes of a popular biscuit brand in a container truck at Mehsana toll plaza in Gujarat, an official said on Tuesday. The market value of the stock is estimated to be about ₹1 value of the stock is estimated to be about \( \)
croce, as per sources. Two persons were apprehended, and the poppy straw, cover cargo and the truck were seized under provisions of the Narcotic Drugs and Psychotropic Substances (NDPS) Act, deputy narcotics commissioner Dr. Sanjay Kumar Meena said. PR

#### HC reserves order on plea against ₹2,000 note recall

The Delhi High Court on Tuesday reserved its verdict on a second public interest litigation (PIL) petition challenging the Reserve Bank of India's (RBI) decision to withdraw €2,000 denomination (RBI) decision to withdraw £2,000 demonization (RBI) decision to withdraw £2,000 demonization filed by Rajneesh Blaskack (1994a, said that the RBI notification gave no other reason except "Cleam Note Polley" for the whithdrawal. The Plea Tripath, who is representing the RBI, by saying that if was a "currency management exercise" and the same properties of the result of the lower another PIL plea was dismissed by the court only on Monday.

#### Sole Congress MP from Maharashtra passes away

In a blow to the Congress party in Maharashtra, its Ione Lok Sabha member, Chandrapur MP Suresh Dhanorkar, also known as 'Balu' SMI DIBATORIAE, AISO KITOWI AS 'BABE' Dhanorkar, passed away at Gurugram's Medanta Hospital early on Tuesday morning, party sources said. He was 47. Dhanorkar had been admitted to a Nagpur-based hospital last week for treatment of kidney stones. However, he was moved to the NCR in an air ambulance when his condition worsened on Sunday. At a time when all of Maharashtra's tall Congress leaders fell like dominoes before the BIP onslaught, Dhanorkar held his own and proved himself a 'giant-killer by trouncing Mr. Ahir, a former Union Ministe

#### HC notice to Haj Committee on collection of extra charges

The Naggur Bench of the Bombay High Court recently directed the Haj Committee of India to reply to allegations of unequal charges levied on the Haj Committee of India to the Haj Court of the Haj Court of the Haj From Naggur have claimed that they have to paying 62,000 extra as compared to those embarking from Mumbui. The pleas filed by residents of Vidarbha and Nagpur point out that the circular by which the excess amount has been charged is in violation of Article 14 (equality before the law) of the Indian Constitution. The court has issued notice to the Haj Committee and directed it to file a reply by June 15.

#### 35 lakh students of Class X failed or dropped out in 2021-22: Education Ministry

Government also wants to analyse which Boards perform well in NEET or secure better ranks as there may be significant variance in syllabus leading to barriers for national-level common tests

A pproximately 35 lakh students en-rolled in Class 10 in 2021-2022 did not progress to Class II, according to an analysis exercise carried out by the Ministry of Edu Of these 35 lakh stu-

dents, 27.5 lakh failed, and 7.5 lakh students did not appear for the Class 10

while the failure rate of students in Central Boards, including the Central Boards, including the Central Board of Secondary Education (CBSE) and the Council for the Indian School Certificate Examinations (CISCE) is as low as 5%, it can be as high as 16% in State Boards. State Boards. Sanjay Kumar, Secretary

(School Education), MoE, said that the significant variance in syllabus taught in different Boards, espe-cially related to Physics,



Of the 35 lakh students who fail, only 4.5 lakh appear in exams

Chemistry and Biology, creates burriers for nationchading Common University Entrance Test (CUET), Joint Entrance Test (CUET), Joint Entrance Test (Test), and the state of t

Testing Agency on stu-dents that qualify for the

NEET, and the Ministry wants to analyse students of which Boards perform well in NEET, or secure better Table.

10 To the Committee of the Com

these are going for open schooling. This missing co-hort can be caught for skill-ing them or increasing open schooling enrol ments," the official said.

Analysis of State-wise data on students passing and failing in Class 10 and 12 exams by the MoE reeals that results of stu dents studying across up to 60 State Boards in India va

of State Boards in India vary considerably from one State to another.

The state of the state of the state of the State of State

#### Khalistan reference removed from Class XII NCERT textbook

The Hindu Bureau

The lines which refer to a The lines which refer to a plea for a separate Sikh na-tion referring to the crea-tion of Khalistan have been dropped by the National Council of Educational Re-search and Training from the realisted science tests. the political science text-book of Class 12, officials from the NCERT said on Tuesday. The decision was taken

after receiving a representation from stakeholders particularly after a letter Parhandhak Committee was received by the Minis-try of Education. The letter ury of Education. The letter referred to withdrawing al-legedly objectionable con-munity by misropresenting-tion of the con-traction of the con-traction of the con-pur Sahib in Punjab by a section of Akalis is faction involved in bringing re-traction of the con-traction of itical autonomy for the re-gion, by redefining the Centre-State relationship. In this regard, a commit-tee of experts was consti-

The decision was taken after Ministry of Education received a letter from the SGPC

tuted by the NCERT to exa-mine the issue. After examining the issue, it rechapter - Regional Aspira-tions - of the rationalised Class 12 political science

In the NCERT textbook Sri Anandpur Sahib Reso-lution, the line - 'but it lution, the line - 'but it could also be interpreted as a plea for a separate Sith nation' has been dropped. The line preceding this - 'The resolution was a plea for strengthening federalism', has been retained.

of the rationalised books are already out and may not reflect the change, the digital soft copy of the

digital soft copy of the Class 12 textbook has been uploaded on the NCERT website with appropriate changes, said Sanjay Ku-mar, Secretary (School Education), Ministry of Education.

#### INMA Awards: The Hindu In School gets honourable mention

The Hindu Bureau

The Hindu In School's 32page weekender has re-ceived an honourable mention at the Internation-al News Media Associa-

tion's (INMA) 2023 Global Media Awards in New York. The weekender was in The weekender was in the final list under the National Brands: Best Subscription Niche Product category which recognised products that consistently engaged with subscribers. The Hindu In School's priority over the past year has been to make the weekender interesting to children tred of online learn-

ng. By featuring visual essays and creative activities, it helped them cope with the transition to the offline mode. Five special issues were also brought out on

various themes. "As key contributors to the field of education. The Hindu Group always finds ways to keep children mea-ningfully engaged and

The Hindu Bureau to final list in the National Brands: Best Subscription Niche

their interests thriving. Such milestones give us encourag

Such miessones give use hope and the drive to meet and exceed expectations of our young audience, "said sident, sales and distribu-tion, The Hindu Group. This year, the INMA-tries from newspapers, magazines, television and radio in 40 countries. and and in 40 countries. The dr in School weekender, vi-sit www.fehrindu.com/ thesewebrnd.

the curious minds to the hows and whys of scientific hows and whys of scientific discovery, and the lesser-known facts of history and geography that go beyond academics, every issue is carefully curated and at-tractively packaged.

#### Row over contraceptives in kits gifted to newly-weds

SUDOKU

7

96

8 6

A political controversy was triggered in Madhya Pra-desh after condoms and birth control pills found it make-up kits gifted t brides during a mass mar riage programme under a government scheme in Ihawas district on Monday. Earlier, as many as 296 couples tied the knot un-der the Mukhyamantri Ka-

der the Mukhyamantri Ka-nya Vivah/Nikah Yojana, and when the make-up boxes/kits gifted to the newly married brides were opened, packets of cor-doms and birth-control pills were found alongside the make-up products. Attacking the gowenment, the Congress said this was an insult to both women and tribals. BJP spokesperson Neha Bagga said the Nayi Pahal kits that carry the contra-

ceptives are given to newly-weds as part of guidelines of the National Health Mission for educating them about family planning.

#### Fresh excavation reveals pre-Mauryan era signs in Delhi's Purana Oila site

A fresh round of excavations at the site of Delhi's Purana Qila (Old Fort) have incovered evidence of the continuous history of the city since the pre-Mauryan era. The findings include

era. The findings include shards of Painted Gray Ware pottery which are usually dated to around December of the control of the could host one of the ac-companying events during the G-20 leadership sum-mit in September. The Pur-Shah Suri and Maghal em-peror Humayun, is be-lieved by many to be the site of Indragransha, as mentioned in the Mahabbi

arat. The new excavations have also found remains of a 900-year-old Vaikuntha Vishnu from the Raiout period, a terracotta plaque of Goddess Gaja Lakshmi from the Gupta period, the



ASI excavation site at Purana Oila, SPECIAL ARRANGEMEN

structural remains of a 2,500-year-old terracotta ring well from the Mauryan period, and a well-defined four-room complex from the Sunga-Rushan period dating back to 2,300 years ago, besides beads, seals, copper coins and a bone needle.

Trade centre "More than 136 coins and 35 seals have been discoseass have been disco-vered from a small excavat-ed area, indicating the site's pivotal role as a centre for trade activities," Culture Minister G. Kishan

Reddy, who visited the en keddy, who visited the ex-cavation site on Tuesday, said. This was the third round of excavations at the site, beginning from Janu-ary. Earlier excavations had been carried out in 2013-14 and 2017-18.

These efforts have re-vealed nine cultural levels, representing different hisrepresenting different ras-torical periods, including pre-Mauryan, Mauryan, Sunga, Kushana, Gupta, post-Gupta, Rajput, Sulta-nate, and Mughal. The Culture Minister said that the Purana Qila

#### To solve this puzzle online. TH GROSSWORD + 13879 To solve this puzzle online, get across to our crossword site. get across to our crossword site. get across to our crossword site. get across to our crossword site.



13 Makes off with billion in a moment breaking electronic surveillance initially (8)

4 Doorkeepers (sprore herein addicts (5)

18 Lukewern food getting putrid basically is rejected (0)

18 Ram lives here? (5-3)

24 Male goat's head butchered to cook porridge (7)

See model drowning in drinks with senator (7) He works casually - transfer on hold on review (4-5) Cement in free market finally moves to West (5) 29 Excited state, perhaps? (5.7)

1 I don't know the answer embarrassingly at times about British

I don't Nirou this amouse amour assungly at times about stricts. English C.S.7, acopylic tog the record of past sweets (7). To some extent, enema to determine roundwarm (8) index state reportedly fed up with North Korean statesmen (6). Egyptian Beetles Injure sallors (7). Right assay cannol summon to spirit (5). It's a game played in court when prison detains American on bail assentially (1).

 Cycle part postry (S)
 Upset maid admits crime over stock again (9)
 Rossted meat from lamb - Half trimmed and moderately hot, eat heartily (8)

ent hearthy (0)

1 Naybe fougur ingredient causes new disease eliminating drinkers finally (7)

10 Drink that filled duck abruptly (4,3)

21. Force out past coaseffre ignoring Conservative for Democrat (7)

23. Shoots old for new serbis (2)

23. Neep quiet and extremely careful, Wild animal is around (4,2)

25. Some propriet or a teleposth countered fortune-tabler (5)

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#### FAITH

#### Mahaperiyava's message

There are a few mahans on earth whose very name brings one unlimited joy and immeasurable inner peace. As soon as one thinks of such a great saint, the mind is rid of impurities, our thoughts become clear and our confusions vanish. Think of Sri Chandrasekhara Mahaswamigal and your mind and heart are in unison, in complete inner peace, said Suchithra Balasubramanian in a discourse

peace, said Suchithra Balasubramanian in a discourse. He is the one who is feed as Kali Yugar's living god. He lived his life as per the codes, norms and values - characteristics that define a maintain. Why does the world celebrone with the control of the contr

to God.
It is observed in the legends that all the days and nakshatras, considered as "bad", approached the Lord and beseeched him to alleviate their status as bringers of bad omen and misfortune. The Lord acceded and thus Rama was born on Navami, Krishna was born on Ashtami and Anjaneya was borm under Moola Nakshatram. Maha Periyara was likewise born in Fradhamal period.

As a just three years old, he observed a dog craving for jaggery getting its head stuck in jar. He inferred and de-clared that desire is the root cause of all problems humans encounter and one should be wary of the perils of it. At 13, he was made the 68th Pontiff of the Kanchi Peedam.



30 What you do on a chess board to get cracking? (4.1.4) 11 Opposing a gossip about popular n

12 Setter calls son in difficulty (2,1,4)

SM (SM)

# Fresh excavation reveals pre-Mauryan era signs in Delhi's Purana Qila site

#### Sreeparna Chakrabarty NEW DELHI

A fresh round of excavations at the site of Delhi's Purana Qila (Old Fort) have uncovered evidence of the continuous history of the city since the pre-Mauryan era. The findings include shards of Painted Gray Ware pottery which are usually dated to around 1200 BC to 600 BC.

Sources said that the site could host one of the accompanying events during the G-20 leadership summit in September. The Purana Qila, built by Sher Shah Suri and Mughal emperor Humayun, is believed by many to be the site of Indraprastha, as mentioned in the Mahabharat.

The new excavations have also found remains of a 900-year-old Vaikuntha Vishnu from the Rajput period, a terracotta plaque of Goddess Gaja Lakshmi from the Gupta period, the



ASI excavation site at Purana Qila. SPECIAL ARRANGEMENT

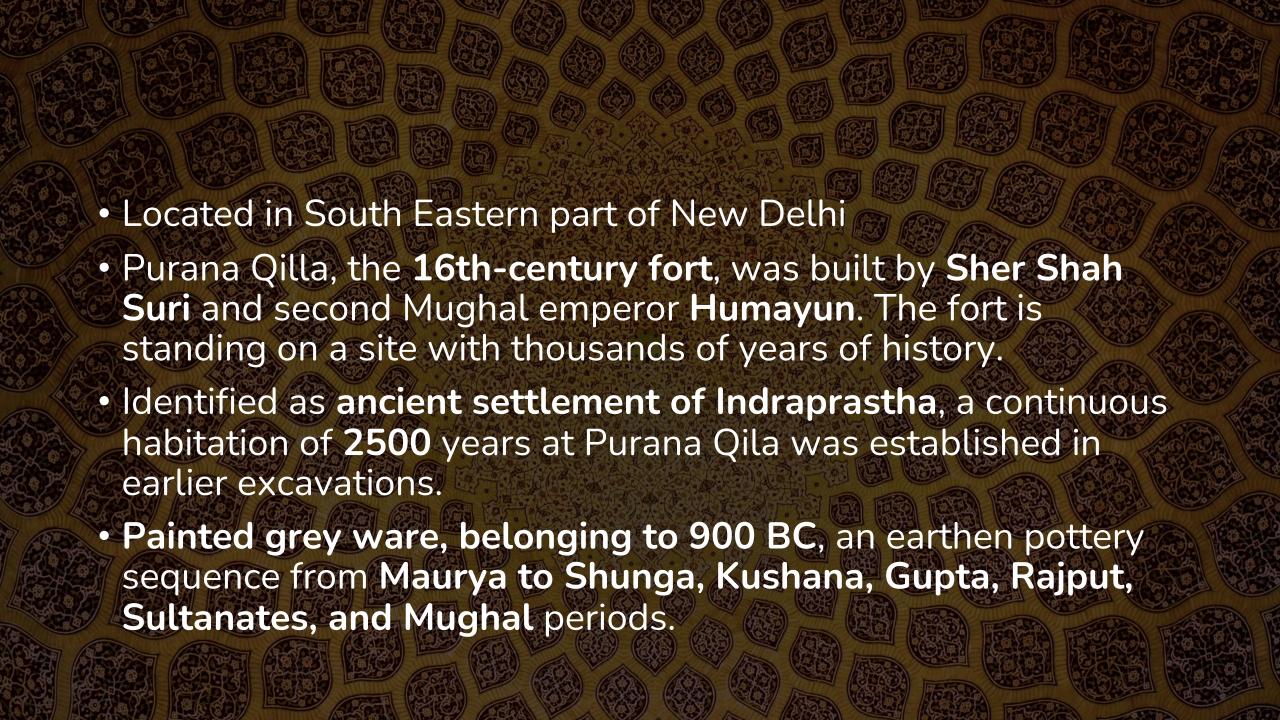
structural remains of a 2,500-year-old terracotta ring well from the Mauryan period, and a well-defined four-room complex from the Sunga-Kushan period dating back to 2,300 years ago, besides beads, seals, copper coins and a bone needle.

#### **Trade centre**

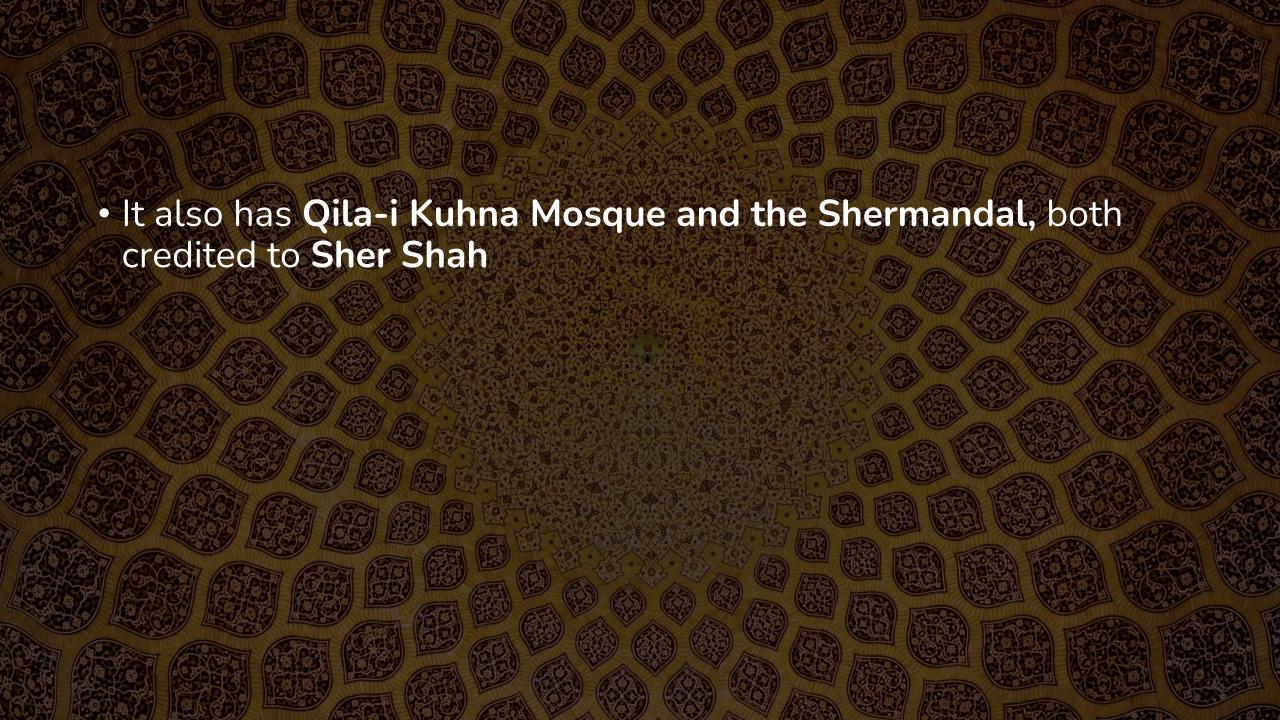
"More than 136 coins and 35 seals have been discovered from a small excavated area, indicating the site's pivotal role as a centre for trade activities," Culture Minister G. Kishan Reddy, who visited the excavation site on Tuesday, said. This was the third round of excavations at the site, beginning from January. Earlier excavations had been carried out in 2013-14 and 2017-18.

These efforts have revealed nine cultural levels, representing different historical periods, including pre-Mauryan, Mauryan, Sunga, Kushana, Gupta, post-Gupta, Rajput, Sultanate, and Mughal.

The Culture Minister said that the Purana Qila would soon be reopened.



- Excavated Artefacts such as sickles, parers, terracotta toys, kiln-burnt bricks, beads, terracotta figurines, seals and dealings excavated.
- Historian Alexander Cunningham identified the fort with that of Indraprastha
- A fortification wall about 30 metre long was also found.
- Three arched gateways: the **Bara Darwaza** (Big Gate) facing west, which is still in use today; the south gate, also popularly known as the '**Humayun Gate**' and lastly, the '**Talaqi Gate**', often known as the "forbidden gate".



Macau's new national security law puts curbs on political opposition



Israeli civilian shot dead near the entrance to West Bank settlement



Elon Musk meets Chinese Foreign Minister Qin Gang during visit



UN chief 'very concerned' over Uganda's harsh anti-gay law



#### **Drones hit Moscow buildings** as Kviv struck for third day

Russia blames Ukraine for the attack and says eight drones were used in the assault of which five were downed and three disabled; Kyiv says it shot down 21 Russian drones over the capital region

#### Agence France-Presse

swarm of drones hit Moscow on precedented attack, while Russian drones struck Kyiv for a third struight day as jor offensive against Russian Forces.

The blaimed Kyiv for the attacks that saw three drones crash into residented from the control of the control of

Officials said no one was seriously injured and there was only "minor" damage to buildings. The Russian Defence Ministry said eight drones were used in the at-tack, adding that five of



apartment building after a drone attack in Moscow on Tuesday. AFP

them were downed and building in a suburb of the three disabled.
Of the three that hit residential buildings, two
crashed into high-rises located in Moscow's affluent
southwest, while a third
damaged a residential

plosion followed by a co-lumn of smoke rising into

lumn of smoke rising into the sky.

Mykhailo Pododyak, an adviser to Ukrainian Presi-dent Volodymyr Zelensky, lation, to the Mostow at-tacks. Also on Tuesday, Uk-raine said it had down-varies said it had down-yover the skylv region in the latest Russian barrage capital in 24 hours.

capital in 24 hours.
On Monday, Russia fred
a burrage of missiles at Kyiv, sending panicked residents running for shelter
in an unusual daytime attack following overnight

#### China declined meeting with Lloyd Austin: Pentagon

#### Agence France-Presse

Seiting has declined a U.S.

Beijing has declined a U.S. invitation for a meeting in Singapore between Design and the second state of the second secon "The PRC's concerning

unwillingness to engage in meaningful military-to-military discussions will not diminish (the Defense De-

ast Date



Lloyd Austin

partment's) commitment to seeking open lines of communication with the People's Liberation Army," he said. When asked about the

meeting, the Chinese Fo-reign Ministry would not confirm that Beijing had declined the invitation. "The U.S. should ear-

nestly respect China's con-cerns of sovereignty, secur-ity and interests,

immediately correct its in-correct actions, show sin-cerity, and create the at-mosphere and conditions

certify, and create the arfor China-U.S. military dialogue," spokeswoman Mao
logue," spokeswoman Mao
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logue, and spokeswoman Mao
chined invitation as "just
the lastest in a litany of excertification of the spokes of the
chined invitation as "just
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color of the spokes of the
logue of t ing Russian weapons, but the Pentagon says that does not prevent Mr. Austin from conducting official business with him.

#### Imran Khan appears in court, submits surety bond

#### Press Trust of India

Pakistan's former Prime Minister Imran Khan on Tuesday appeared before an anti-terrorism court in four cases, including the attack on Lahore Corp Commander House, and submitted surety bonds in connection with his pre-ar rest bail till tune 2.

rest ball till June 2.

"Khan appeared before the ATC Lahore judge ljaz Ahmad Buttar and submitted surety bonds worth PKR 100,000 each in the four terrorism cases in gleen head acceptable and the surety ball till be a court official said.

lenged the search warrants of the former premier's La-hore residence.

#### NATO soldiers on guard in Kosovo Serb town after clashes

Dozens of NATO troops se-cured a municipal building in the Kosovo town of Zvecan on Tuesday, a day after 30 NATO soldiers and 52 Serb protesters were in-jured in clashes that EU and NATO officials said and NATO officials said were unacceptable as they urged calm. Russia said on Tuesday "decisive steps" were needed to de-escalate ten-

"We call on the West to finally silence its false propaganda and stop blamling incidents in Kosovo on Serbs," Russia's Foreign Mi-

nistry said.

Unrest in the region has intensified since ethnic Alintensified since ethnic Al-banian mayors took office in northern Kosovo's Serb-majority area after April elections the Serbs boycot-ted, a move that led the U.S. and its allies to rebuke Pristina on Friday.

#### Theranos founder Elizabeth Holmes begins prison term

Associated Press

Theramos founder Eliza-beth Holmes entered Texas spend the next II years for overseeing a blood-testing hoas, that became a para-is Silicon Valley. Holmes, 39, on Tuesday entered a federal women's the spendid of the second leyan, Texas – where the federal judge who sen-enced Holmes in Novem-

outside Moscow. Some of the debris was found around 15 km from Presi-dent Vladimir Putin's No-vo-Ogaryovo residence.

ber recommended she be incarcerated. The mini-mum-security facility is about 95 miles northwest of Houston, where Holmes grew up aspiring to be-come a technology vision-ary along the lines of Apple co-founder Steve Jobs

Two children
Holmes is leaving behind two young children – a son born in July 2021 a few weeks before the start of



daughter who was con-ceived after a jury convict-ed her on four felony counts of fraud and conspi racy in January 2022

Holmes was free on bai up until Tuesday, most re-cently living in the San Die-go area with the children's father, William "Billy" 2017 around the same tim 2017 around the same time Holmes was under investi-gation for the collapse of Theranos, a startup she founded after dropping out of Stanford University when she was just 19.

Name of the post Vice-Chancellor

#### NAVA NALANDA MAHAVIHARA beemed University, Ministry of Culture, Government of Indi-Bhikshu Jagadish Kashyap Marg, Nalanda, Bihar, India

#### Advertisement for the Post of Vice-Chancellor Advt. No. Estt./NNM/VC/Rectt./02/2023

Applications are invited in duplicate from eligible capdidates for filling up the post of Vice Chancellor, Nava Nalanda Mahavihara (NNM), Nalanda, Bihar, an autonomous body under the Ministry of Culture, Govt. of India. The eligibility criteria and other details are given below The application form and other details can also be downloaded from the website of Nava Nalanda Mahavihara: www.nnm.ac.in and that of Ministry of Culture: www.lndiaculture.nic.in

2.	Number of post	One	ı
3.	Mode of Recruitment	Deputation/Short Term Contract	ı
		Deputation/Short Term Contract  Deputation  The Vice Chancellor shall be a whole time salaried officer of Institution  The Vice Chancellor shall be appointed by the Visitor/chancellor from  a panel of three names suggested by a Search cum Selection Committee.  Person of the highest level of competence, integrity, moral and institutional  commitment shall be appointed as Vice Chancellor. The Vice Chancellor to be  applied to the commitment of the Vice Chancellor of the Vice Chan	
		Desirable Qualification  I. Doctorate Degree in Buddhist Studies/ Buddhist Philosophy/Pali from a recognized university recognized university recognized university in written and spoken Hendi and English Languages.  II. Evidence of outstanding research and published works in nationally international journals of repute or as well acknowledged books in the field of Buddhist Studies. Upper age limit for applying: Not exceeding 55 years	

on the closing date of receipt of applications

Short Term contract:

Qualification: As prescribed for deputation Upper age limit for applying: Not exceeding 65 years

The Vice-Chancellor shall hold office for a term of 5 years

The vice-Chanceror shall not office for a term of 5 years.

He shall be eligible for a second term provided that in no case shall he/she hold office beyond the age of seventy years.

i. Notwithstanding the expiry of the period of 5 years, he/she may continue in office for not more than six months or till his/her successor is appointed.

and the latter assumes office, whichever, is earlier.

The Charcelor shall appoint the Victor committee of or and or panel of three names recommended by the Search-cum-Selection Committee. Thereafter, the proposal will be sent to ACC for approval.

The period of deputation including the period of deputation in any other ex-cadre post held immediately preceding this appointment in the same or some other organisation / department of the Central Government shall

ordinarily not exceed 5 years.

Duly filled in applications (in duplicate) complete in all respect, forwarded through proper channel by the concerned organisation in case of departmental candidate should reach the Under Secretary, BTI, Room No. 209, 2nd Floor, Puretativa Bhawan, GPO Complex, INA. New Delhi within 45 days from the date of publication of advertisement for this post in the Employment Newsl Rozargar Samachar. In case of Deputation, applications not received through the proper channel will be summarily rejected.

Nava Nalanda Mahavihara, Nalanda

#### Chinese mission with first civilian reaches space

#### Agence France-Presse

China sent three astronauts to its Tiangong space station on Tuesday, putting a civilian into orbit for the first time as it pursues plans to send a crewed mission to the Moon by

mission to the Moon by 2030. The world's second-lar-gest economy has invested billions of dollars in its mil-itary-run space pro-gramme in a push to catch up with the United States and Russia.

and Russia. The Shenzhou-16 crew took off atop a Long March SM (COM 



First step: Gui Haichao, left, Zhu Yangzhu, centre, and Jing Haipeng at the seeing-off ceremony in Gansu province on Tuesday, APP

2F rocket from the Jiaquan Satellite Launch Centre in northwest China at 9.31 a.m. (0301 IMT). They docked at the space sta-tocked at the space sta-

tronauts are in good condi tion", Zou Lipeng, director of the Jiuquan Satellite Launch Center said

Launch Center said.

Leading its crew is commander Jing Haipeng on
his fourth mission, as well
as engineer Zhu Yangzhu
and Beihang University
professor Gui Haichao, the
first Chinese civilian in

china was the third country to put humans in orbit and Tiangong is the crown jewel of its space programme, which has al-so landed robotic rovers on

## Theranos founder Elizabeth Holmes begins prison term

#### **Associated Press**

BRYAN

Theranos founder Elizabeth Holmes entered Texas prison where she could spend the next 11 years for overseeing a blood-testing hoax that became a parable about greed and hubris in Silicon Valley.

Holmes, 39, on Tuesday entered a federal women's prison camp located in Bryan, Texas – where the federal judge who sentenced Holmes in November recommended she be incarcerated. The minimum-security facility is about 95 miles northwest of Houston, where Holmes grew up aspiring to become a technology visionary along the lines of Apple co-founder Steve Jobs.

#### Two children

Holmes is leaving behind two young children – a son born in July 2021 a few weeks before the start of



Elizabeth Holmes

her trial and a 3-month old daughter who was conceived after a jury convicted her on four felony counts of fraud and conspiracy in January 2022.

Holmes was free on bail up until Tuesday, most recently living in the San Diego area with the children's father, William "Billy" Evans. The couple met in 2017 around the same time Holmes was under investigation for the collapse of Theranos, a startup she founded after dropping out of Stanford University when she was just 19.



#### How the old found sanctuary and the new blossomed under CSK umbrella

The M.S. Dhoni-Stephen Fleming partnership, that has been in place since 2009, provided the perfect environment for a successful title run

#### N. Sudarshan

ootball is a simple game: 22
ball for 9 men arbase at the end, the German sat ways win, English footballer Gary Lineker once said. Indian Premier League cricket and Chennis Super Kings come very close. Injuries, bad form, rot-

ten luck... nothing seem ingly dims the chances of M.S. Dhoni & Co. And un-like the straightjacketed Germans of vore clothed in black and white, the mer from Chennai do it with nanache and more than a dash of resplendent yel-

The five-wicket triumph The five-wicket triumph in the final over Gujarat Ti-tans at the Narendra Modi Stadium in the wee hours of Tuesday best embodied

this.

After a bad bowling and fielding performance, CSK
After a bad bowling and fielding performance, CSK
OT raked up a record 244run total. And with just 22
needed from 15 balls to 
tened f71-run target (45 ovtened f71-run target (45 ovtene

white Sharma for a six and four off the last two balls to bring home a fifth IPL title.

While the result wasn't a

While the result wasn't a



taincy fasco in 2022 and there were injuries galore, including to its top players, including to its top players and the same and in a departure from the past, it lost three of its servers chepsule.

Vet, CSK devised a way, learning from the tough the same and the s

four off the last two bails to bring home a fifth IPI. die. surprise, the season was unlike any for CSK. It first had to branish the painful when it finished ninth; Ja-deja had to be successfully recintegarsted after the cap

pande, who had played just seven IPL matches, played 16 this edition and placked out of thin air, literally.

When the place of the place of the place of the place Almeys Rahnes back to life is a great example of top-moth man-management.

In the place of the place in place of the place in place of the place played 14 matches, scoring played 14 matches, scoring place of the place of the place played 15 matches, scoring place of the place of the place played 15 matches, scoring place of the place of the place of the place played 172.49, including a crucial

326 runs at a strike-rate of 172-49, including a crucial 13-172-49, including a crucial 13-174 per rice of the tag of him being the gay whom you bat around," said Fleening. "That had hung much. He wasn't in our intial thoughts, but the win against Mumbai was one of the control of the catalyst behind that (27-ball 61). From there, he

The victorious season has also helped CSK identify a winning core. Ambati Rayudu, who in his last game for CSK pluyed a near core of the c

2022.

"Last year we took a bit of time, just introducing players the CSK way and getting them accustomed to the IPL. Emotionally we 

214. FALL OF WICKETS 1-67 (Gill, 6.6 overs), 2-131 (Saha, 13.6), 3-212 (Sudhar 19.3), 4-214 (Rashid, 19.6). SUPER KINGS BOWLING Despain (Chahar 4-0-18-1, Despande 4-0-56-0, Judeja 4-0-38-1, Pathirana 4-0-44-2, CHENNAI SUPER KINGS (Revised target: 171 in 15 overs) Ruturai Gallowad C. Rashid b

Conway c Mohit b Noor 47 (25b, 4r4, 2r6), Shivam Dube (Impact 444, 225), Shivam Dube (Impact Player in place of Pathirana) (not out) 32 (216, 2v6), Ajinkya Rahane c Wijay Shankar b Mohit 27 (236, 2v4, 2x6), Ambati Rayudu c & b Mohit 19 (86, 1x4, 2xS), M.S. Dhornic Miller b Mohit 0 (1b), Ravindra Jadeja (not out) 15 (6b, Let, 1xS); Extras (lb-1, w-4); S; Total (for five wkts. in 15

overs): 171.
FALL OF WICKETS
1-74 (Rutura), 6.3 overs), 2-78
(Corway, 6.6), 3-117 (Rahane,
10.5), 4-149 (Rayudu, 12.4),
5-149 (Dhoni, 12.5).
TITANS BOWLING

Shami 3-0-29-0, Hardik 1-0-14-0, Rashid 3-0-44-0, Noor 3-0-17-2, Little (Impact Player in place of Sudharsan) 2-0-30-0, Mohit 3-0-36-3. Test: CSK; Pohl: Corway.

Super Kings won by five wickets off the final delivery (DLS method):

may all change. It is so-mething we have been in something that Gujarat [Ti-tans] have also done."

GU JARAT TITANS

Wiiddhiman Saha c Dhoni b Deopak Chahar S4 (38b, 5w4, 2x5), Shubman Gil st. Dhoni b Jadeja 39 (20b, 7x6), B. Sudharsan Ibw b Pathirana 96 (47b, 6x4, 6x6), Hardik Pandya (not out) 22 (22b, 2x6), Rashid Khan c Ruturaj b Pathirana 0

SUPER KINGS BOWLING

Noor 26 (16b. 3rd. 7x6), Devor

cause in a year's time, it the thereabouts [of], and

#### Dhoni keen to pad up | Redemption well and truly complete for Super Kings' trusted lieutenant



for one more season

as a gift for the fans

Every indication pointed towards the fact that the 2023 IPL will be M.S. Dhoout the word of the control of th

do is to work hard for nine months and try to play one more IPL season. . But for the amount of love I have received from CSK fans it would be a gift for them to

game at CSK everyone was chanting my name. My eyes were full of water, I needed to take some time play one more season," he added. added. Speaking about the rousing reception he has received throughout the year, Dhoni said, "You do get emotional, the first get emotional, the first can."

SM CON

uper Kings of IPL				
dalsen	Champion			
8000	Rajasthan Royals			
9009	Deccan Chargers			
1010	Chennai Super Kings			
2011	Chennai Super Kings			

2012 Kolkata Knight Rider 2013 Mumbai Indians It has been a tough two years for Ravindra Jadeja in the IPL. After being anoint-ed captain of Chennal Sup-er Kings last year, the all-rounder saw the job taken away midway through the season after the team lost. This season the 44-wer. 2020 Mumbai Indians

This season, the 34-year-old had to endure somethold had to endure someth-ing no elite athlete wants to. For the first 15 games, every time Jadeja walked out to bat, the crowd — even at CSK's home ground (MAC Stadlum) — rooted for his dismissal and wanted M.S. Dhoni to walk out to bat. But when the trophy seemed to be slipping away The season's awards

Purple Cap: Mohammed Shami Emerging player: Yashasvi Jaiswal Super Striker: Glenn Maxwell (strike-rate: 183,48) Most Valuable Player: Gil Game-changer: GII Most fours: Gill (85)

Longest six: Faf du Plassis (115m

The final-over drama

13 。

#### Batters: Dube and Jadeja; Bowler: Mohi

They say there are no

from the Men in Yellow —
they needed 10 runs off two
they needed 10 runs off two
they needed 10 runs off two
Rajkot smashed a six and a
four, setting off on a triumphant run to the Super
Some of the might was a
cone who seldom lets emotions get the better of himhugging and lifting his
ment conveyed much more
than the joy of winning the
The runnour mills were that was one. It's been a difficult 18 months, MS has been very supportive, proactive in getting him up there

title for the fifth time.
The rumour mills were
abuzz that Jadeja was
miffed when the captaincy
was taken away from him
and there were reports of a
friction with Dhomi too.
Viewed in that light, the Ja-

ried a lot of significance.

"I'd like to dedicate this win "I'd like to dedicate this win to a special member of the – M.S. Dhoni," Jadeja said. But it has not been smooth sailing this year. Despite shiring on the field – he had three Player-of-the-Match awards – Jadeja

had been cryptic and, at times, open about his pred-icament, giving a feeling of not being loved enough.

After receiving an award for the Most Valuable Player, he took a dig at his detractors, tweeting, "Up-stox knows but some fans don't." However, in the fi-nal, Jadeja ensured he had the last word, shining with bat and ball. On a day when both teams scored at nearly

both teams scored at nearly II am over, Jadeja returned figures of one for 38 before delivering the final blow. It is the following the following steps out to bat In Chepaus even if the player with the No. 7 jersey is padded up— the crowd will, and should, be more appreciative of the one sporting No. 8.

Raina's heroics drive the Super Kings' first triumph



ien title win over Mumbai Indians with an all-roun contributions helped CSK lift the trophy.

Vijay, Hussey shine bright as CSK defends title at the MAC



snee Prissely and re. Vegy last one groundwork against Royal Challengers Bangalore with a massive opening stand of 159 runs. Vijay went on to score 95, at the time the highest individual score in an IPL final, R. Ashwin then spun a web around RCB's batters producing figures of 3/16.

#### LIONS ROAR BACK

Watson leads the charge with an unbeaten century



#### FANTASTIC FOURTH

Redemption after missing the playoffs in previous season



CSM 21021: After missing the playoffs the previous sease CSM was the first finalists of 2021. Fall or Plessis racked 86 runs to help post a fighting total. The bowling unit, spearheaded by Shardul Thakur who picked up three wickets, was consummate. CSK won by 27 runs.

CSK joins Mumbai Indians as the most successful franchise



CSM 2028 in a rain-affected match, the DLS rule came into effect. CSK had to chase 171 in just 15 overs. Contributions from every batter proved to be vital as the game went down to the wire. Ravindra Jadeja kept his cool in the last fover to hit the winning runs and handed his team is fifth trophy, making it the just meets accossful franches along with Numbal Indians.

-

# How the old found sanctuary and the new blossomed under CSK umbrella

The M.S. Dhoni-Stephen Fleming partnership, that has been in place since 2009, provided the perfect environment for a successful title run

IPL-16

N. Sudarshan AHMEDABAD

ootball is a simple game: 22 men chase a ball for 90 minutes and at the end, the Germans always win," English footballer Gary Lineker once said. Indian Premier League cricket and Chennai Super Kings come very close.

Injuries, bad form, rotten luck... nothing seemingly dims the chances of M.S. Dhoni & Co. And unlike the straightjacketed Germans of yore clothed in black and white, the men from Chennai do it with panache and more than a dash of resplendent yel-



Resplendent yellow: Dhoni's Super Kings had the final say in a thrilling summit clash against Hardik's Titans on Monday. K.R. DEEPAK

# Redemption well and truly complete for Super Kings' trusted lieutenant



Tears of joy: Jadeja is being lifted by a welled-up Dhoni as they celebrate Super Kings' fifth crown. K.R. DEEPAK

#### The season's awards

#### Orange Cap:

Shubman Gill (890 runs in 17 matches)

Purple Cap: Mohammed Shami (28 wickets in 17 matches)

Emerging player: Yashasvi Jaiswal

Super Striker: Glenn Maxwell

(strike-rate: 183.48)

Most Valuable Player: Gill

Game-changer: Gill

Fairplay: Delhi Capitals

Most fours: Gill (85)

Longest six: Faf du Plessis (115m)

Best pitch and ground:

Eden Gardens and Wankhede Stadium





### The final-over drama

RUNS NEEDED











Batters: Dube and Jadeja; Bowler: Mohit

## Super Kings of IPL

Season	Champion
2008	Rajasthan Royals
2009	Deccan Chargers
2010	Chennai Super Kings
2011	Chennai Super Kings
2012	Kolkata Knight Riders
2013	Mumbai Indians
2014	Kolkata Knight Riders
2015	Mumbai Indians
2016	Sunrisers Hyderabad
2017	Mumbai Indians
2018	Chennai Super Kings
2019	Mumbai Indians
2020	Mumbai Indians
2021	Chennai Super Kings
2022	Gujarat Titans
2023	Chennai Super Kings

## Season rewind

As the curtains came down on IPL 2023, a recap of the edition

#### **Highest total**

257/5 LSG vs PBKS (LSG won by 56 runs)

## Lowest 59 RR vs PC

RCB won by 112 runs

#### **Most Runs**



Shubman Gill

890

Most 100s: (3)



Faf du Plessis 730



Devon Conway 672

**Highest strike-rate:** Glenn Maxwell (183.48) Most sixes by a player: Faf du Plessis (36); Most by a team: 140 (MI) Most fours by a player: Shubman Gill (85); Most fours by a team: 265 (MI)



Most partnership runs in a season ever:

939 Faf du Plessis and Virat Kohli equalled Virat Kohli and A B de Villiers

#### **Most Wickets**



Mohammed Shami



Monit Snarm



Rashid Kha

27

## **♦**The Indian **EXPRESS**

IOC FLAGS MAY 28 EVENTS, CALLS FOR 'UNBIASED PROBE'

**Very disturbing, protect athletes** 

#### Shah asks groups in Manipur to keep peace Global Olympics body steps in: for 15 days, hold talks

Tribal leaders seek President's Rule, separate administration

#### JIMMY LEIVON & SUKRITA BARUAH

IPOSITION OF President's Rule Manipur and creation of a sep-ate administration for tribals forward. Shah also assured an inre among the key demands in tribal leaders who met ion Home Minister Amit Shah



l committee, said sources. Shah is on a four-day visit to

## body threatens to FOR THE first time since India's top wrestlers, including two Olympics medal winners, al-

Wrestlers Sakshi Malik, Vinesh Phogat, Sangeeta Phogat and Bajrang Punia along with oth protesters at Har Ki Pauri in Haridwar on Tuesday. Abbinay Saha

# RELATED REPORT In and the cide could be taken HC rejects Sisodia bail plea: Can't ignore CBI fear that he may influence witnessess MANUSPERSON

MALAVIKAPRASAD



A single judge bench of Justice Dinesh Kumar Sharma said the court was "restraining" CONTINUED ON PAGE 6

#### 3 WRESTLERS, 20 MEDALS VINESH PHOGAT Asian Games: Gold.

suspend Indian federation WFI

World Championship: 2 when they were manhandled and detained for hours, was very disturbing," The IOC asked for an "unbi-

Cwealth Games: Silver, World Championships:

Cwealth Games: 2 Gold, Asian: Gold, Silver

#### After Haridwar huddle, wrestlers rethink move to drop medals in Ganga

HARIDWAR, NEW DELHI, MAY 30

ON A day of high drama, the protesting wrestlers, led by Olympic medallists Bajrang Punia and Sakshi Malik and World Championship medallist Vinesh Phogat, announced on Tuesday that they would 'imresse' their medals in the Ganga
human chain of family members merse' their medals in the Ganga river, and reached Har ki Pauri in

After sitting in a huddle on the banks of the river for over an hour-and-a-half, where some of them could be seen subbing as they clutched their medals and citations, the wrestlers reversed

fore Tikatt's arrival, as the
dark grew higger, a
in chain of family members
the peleviums shielded the
CONTINUED ON PAGE 6

Government study.



#### DATA FROM STATE EDUCATION BOARDS

In Class XI-XII, most students in South opt for Science; in 3 key states, just 2% take Arts

Bottom 5 in Science: W Bengal, Punjab. Haryana, Gujarat, Jharkhand

Nadu, Telangana, Andhra Pradesh, Kerala and Karnataka

Arts ratio — and the geo-graphical split — frame the challenge for policy-

CONTINUED ON PAGE

#### **HOW TO GET QUALITY** INTERNATIONAL EDUCATION WITHOUT PAYING IN POUNDS OR DOLLARS

college is affiliated with the University of Mumbai offering undergraduate and postgraduate ses in Arts, Science, Commerce and Management. Xavier's was the first college to be granted autonomy by the University of Mumbai in 2010. In 2022 St. Xavier's was awarded the X+' grade by National Assessment and Accreditation Council (NAAC) The alumni of St. Xavier's College include some of the most illustrious contributors

Highlights of a Xavier's Education: Faculty from the Industry • Projects with premium Research Agencies • Hands on live project-based learning • 100% placements • Networking with Illustrious Alumni • 150 years' legacy-internationally renowned.

#### Admissions through Xavier's Entrance Test-XET 2023

Master in Arts-Public Policy Master in Arts-Economics

(Urban and Rural Development and Strategic Planning)
Bachelor of Management Studies-BMS BA-Mass Communication & Journalism

MSc Biotech MSc Big Data Analytics

to Indian and global leadership.

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Leadership programme leading to MS-CIS degree

at Marquette Univ USA. XET application link: https://entrancetest.xaviers.edu/li

Global Leadership





#### THE TEST COULD HELP PATIENTS UNDERSTAND WHETHER THEY REALLY NEED EARLY TREATMENT FOR HEART DISEASE

# Polygenic risk score: A genetic test takes aim at young hearts

#### **GINA KOLATA**

NEW YORK, MAY 30

KATIE ELKINS has a family history of heart disease, and she was worried. Her father had a heart attack this year on Easter morning at the age of 53 — the same age his mother was when she had one.

Elkins's doctor suggested a blood test, which revealed that her LDL cholesterol level was 160. That is high for someone at her age of 34. The doctor referred her to Dr. Daniel Rader, at the University of Pennsylvania, who specialises in preventive cardiology.

Should Elkins start taking a cholesterol-lowering statin? The guidelines say she is too young. But high cholesterol levels damage blood vessels slowly, over a period of decades. Was her risk high enough to intervene early?

Dr. Rader suggested Elkins take a new genetic test, known as a polygenic risk score. Cardiologists hope to use such tests to identify people most likely to have heart attacks long before they have them.

Dr. Rader said Elkins's LDL level could put her at risk for a heart attack — but probably not for at least a couple of decades. But a heart attack at any age is life-al-



Katie Elkins's doctor recommended she get a new kind of genetic test to better assess her risk of a heart attack. NYT

tering and can have severe effects, even with advances in medicine. So the question of how to protect young people whose risk may manifest years later is pressing.

Despite the high hopes for the new tests, there are many guestions. Some critics say that a focus on treating younger people is misplaced because they may not comply with taking a statin or another drug for the rest of their lives. It can be difficult for young people to focus on possible threats to their health decades in the future. The real need, these critics say, is with the huge group of older people who need cholesterollowering treatment but are not

getting it, or who are abandoning their prescriptions. In one study, about 40 percent of people 65 and older who had a heart attack and need lipid-lowering medications for the rest of their lives stop taking statins within two years.

Others, like Dr. Rita F. Redberg. a cardiologist at the University of California, San Francisco, is concerned that polygenic risk scores could introduce new problems.

"There is a lot of downside to labeling people with a disease," she said. The label, she added, "inexorably leads to tests and a search for treatments." And, she said, "because the person, who now has become a 'patient,' is asymptomatic, more tests and possible treatments in most cases will not make the person feel any better."

Others, while enthusiastic about the prospects for polygenic risk scores, say that doctors need to know more about how effective early intervention might be.

Dr. Sadiya Sana Khan of Northwestern University emphasised the need for more research.

Dr. Rader and his colleagues in preventive cardiology at Penn are proceeding with the assumption that the risk scores can help them make treatment decisions for patients when it is not clear whether or how aggressively to lower their LDL levels. These people typically are between the ages of 20 and 50 in whom traditional risk assessments are not helpful.

They also include patients who are reluctant to take statins. Sally Thompson, in her late 40s. has an LDL cholesterol level of 160 milligrams per deciliter, not high enough to make a statin imperative. But her doctor said it was advisable. She said she would prefer to postpone starting a statin because she already is taking seven drugs for other chronic conditions. She agreed to have the genetic test and take a statin, if it showed her risk is high. It was in the 70th percentile — and she was persuaded.











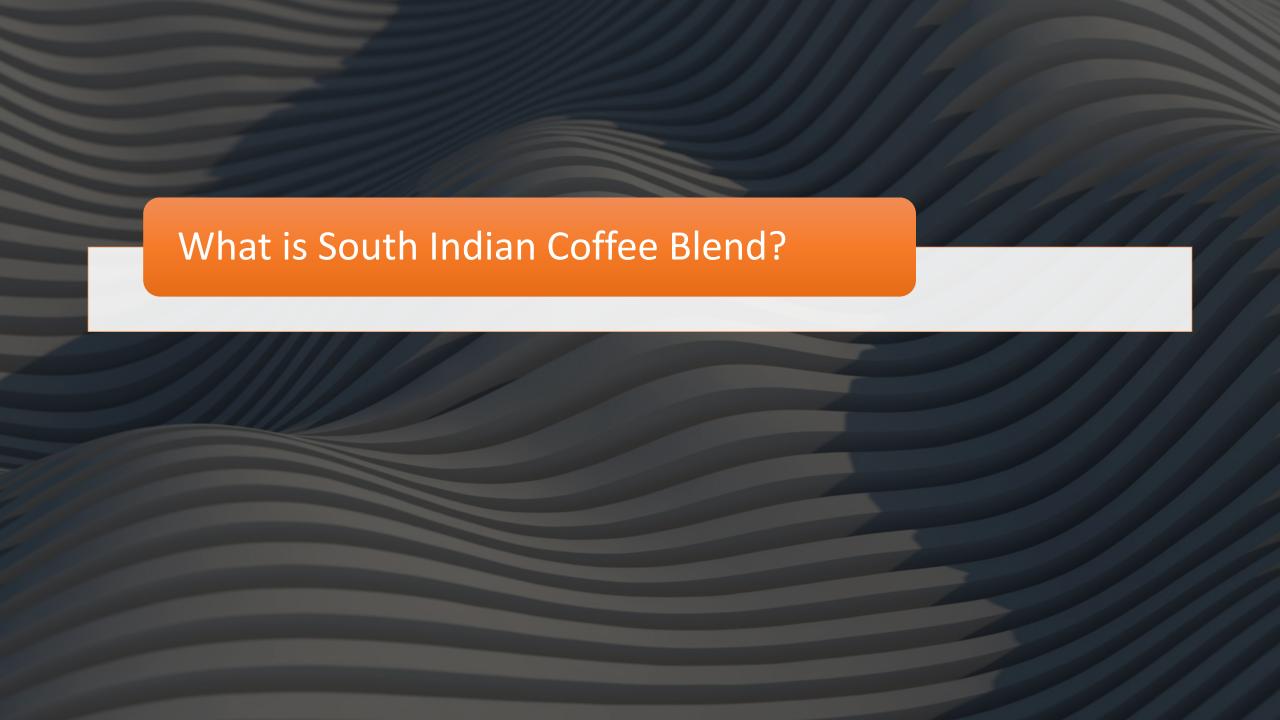












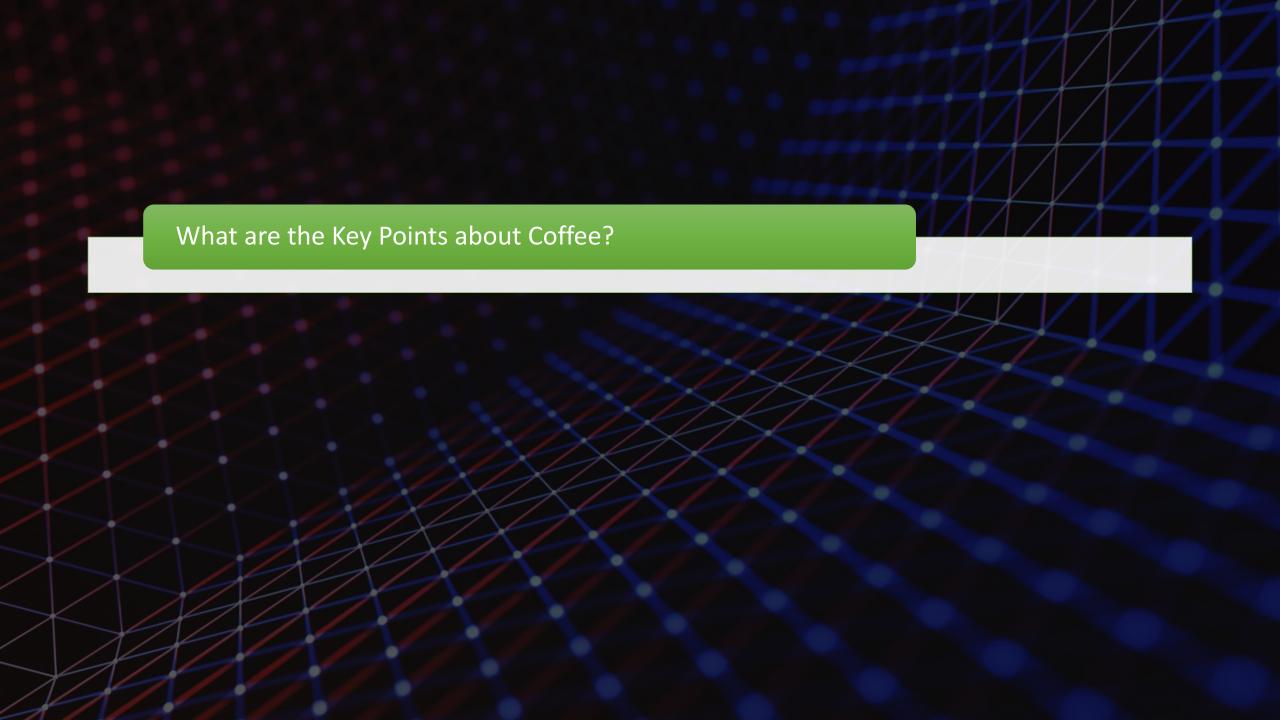
# Chicory:

- Herb native to Europe and Asia.
- Contains inulin, a starchy substance beneficial for health which is found in a wide variety of fruits, vegetables, and herbs, including wheat onions, bananas, leeks, artichokes, and asparagus.
- Possesses mild laxative properties and it decreases swelling and is rich in beta-carotene, providing superior protection against oxidative damage.
- Absence of caffeine in chicory makes it a suitable complement to coffee, which contains caffeine.

What are the Health Benefits of Coffee?

#### Coffee with Milk and Potential Health Effects:

- While plain coffee is popular in many parts of the world, South Indian filter coffee is typically served with hot milk.
- The addition of milk enhances the taste and flavor of coffee.
- Research from the University of Copenhagen suggests that coffee with milk may have an anti-inflammatory effect, aided by the combination of proteins and antioxidants present in milk.
- A large-scale human trial is underway to study the health effects of milk-added coffee, sparking interest among Indian coffee lovers.



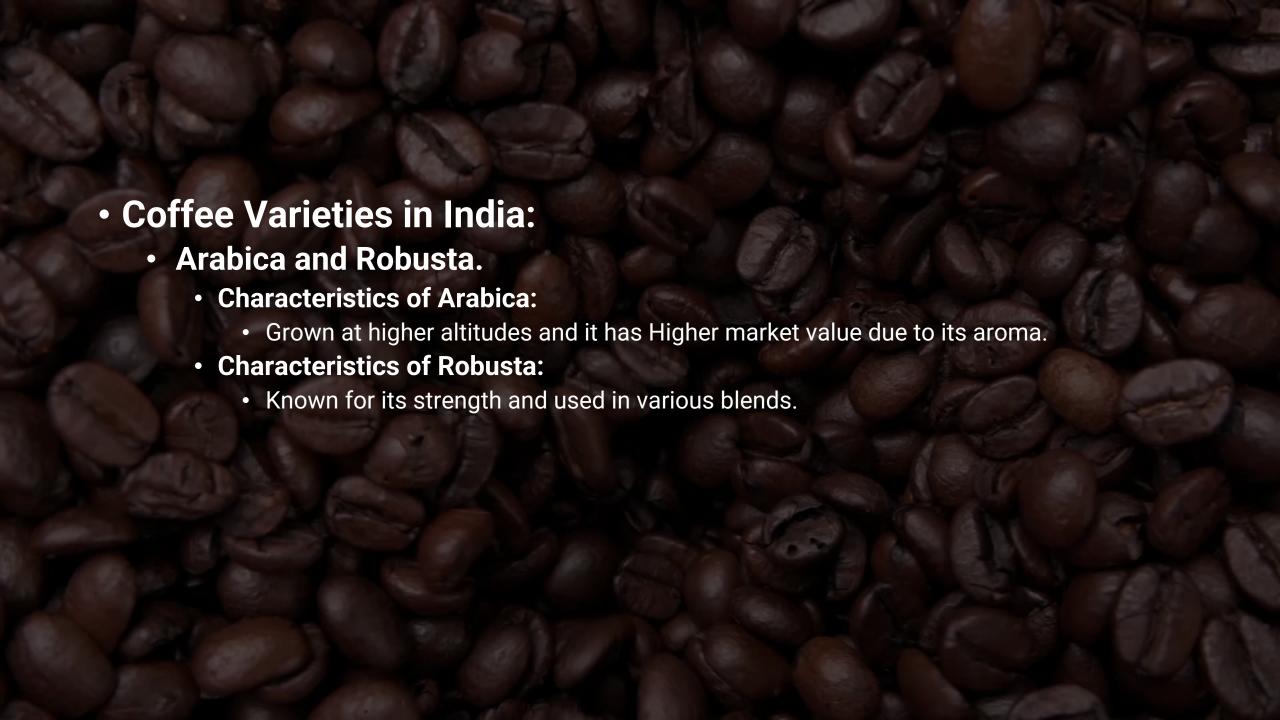


# **Cultivation and Biodiversity:Coffee Plantation Practices in India:**

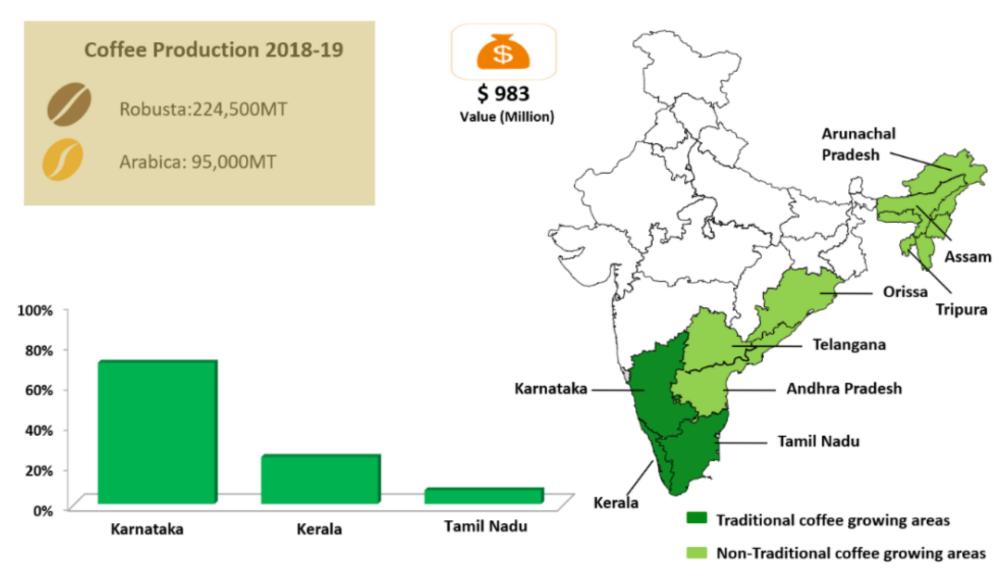
# Climatic Conditions and Soil Types:

- Climate Conditions:
  - Hot and humid climate, Temperature 15°C to 28°C, and Rainfall 150 to 250 cm.
- Harmful Conditions:
  - Frost, Snowfall, High temperatures above 30°C, and Strong sunlight.
- Ideal Soil Conditions:
  - Well-drained loamy soils, Presence of humus and minerals (iron, calcium), Fertile volcanic red earth, and Deep sandy loam soils.
- Less Suitable Soil Conditions:
  - Heavy clay soils, Sandy soils.





# INDIA COFFEE MARKET-KEY DATA

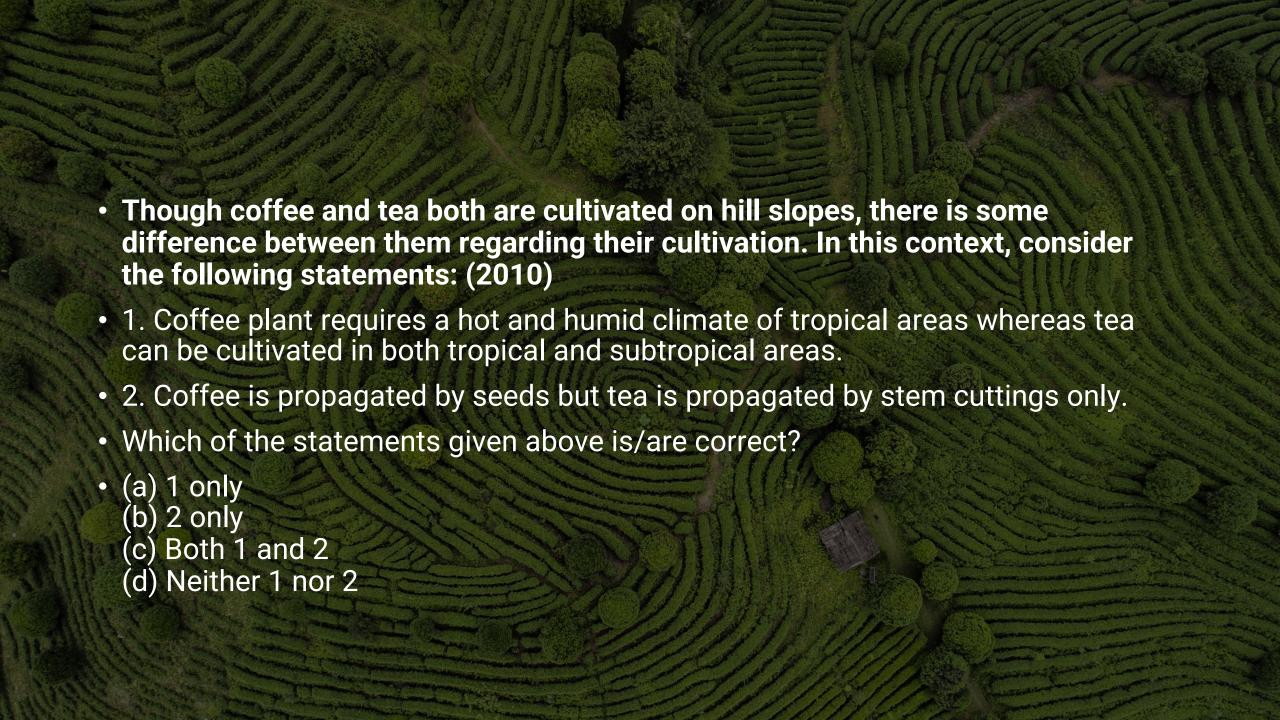


Source: Coffee Board of India, Wikipedia

- The Coffee Board of India
- It is a statutory organization that was constituted under Section (4)
   of the Coffee Act, 1942.
- It functions under the administrative control of the Ministry of Commerce and Industry, Government of India.
- The Board comprises 33 Members including the Chairperson, who is the Chief Executive and it functions from Bangalore.
- The Board mainly focuses its activities in the areas of research, extension, development, market intelligence, external & internal promotion for coffee.

- UPSC Civil Services
   Examination Previous Year
   Question (PYQ)
- <u>Prelims</u>
- Q. 1 Match List-I with List-II and select the correct answer using the code given below the Lists: (2008)
- Code: A B C D
- (a) 2 4 3 1
- (b) 1342
- (c) 2 3 4 1
- (d) 1 4 3 2

List-I (Board)	List-II (Headquarte rs)
A. Coffee Board	1. Bengaluru
B. Rubber Board	2. Guntur
C. Tea Board	3. Kottayam
D. Tobacco Board	4. Kolkata



# Fortification of Rice



Why in News?



In a response to the **recent wave of criticism surrounding the distribution of** <u>iron fortified rice</u>, the Union Food Ministry has released an official statement dismissing the allegations levelled against the iron fortified rice.

- Fortification is the process of adding nutrients to food products that are not naturally present or are present in insufficient amounts.
- Fortification of rice can be done by coating the rice grains with a premix of micronutrients, or by producing extruded rice kernels that are enriched with micronutrients and then blended with regular rice.
  - According to Food Safety and Standards Authority of India
     (FSSAI) norms, 1 kg fortified rice shall contain iron (28 mg-42.5 mg),
     folic acid (75-125 microgram) and Vitamin B-12 (0.75-1.25
     microgram).



Rice is one of the most widely consumed staple foods in the world, especially in Asia and Africa.

Per capita rice consumption in India is 6.8 kg per month. Therefore, fortifying rice with micronutrients is an option to supplement the diet of the poor.

- Iron deficiency also is a major public health problem that affects more than two billion people globally, causing anaemia, weakness, fatigue, impaired learning and increased risk of infections and maternal mortality.
  - To address this problem, some countries have adopted the strategy of fortifying rice with iron and other micronutrients, such as folic acid and vitamin B12.
  - Most of the iron we need comes from meat, which gets absorbed 50% by our body. Through vegetables, there is limited intake and only 3% absorption. This is the reason why iron deficiency is a major problem in India.



- What are the Key Points Related to the New Parliament?
- Triangular Shape:
  - The new building is triangular in shape, mostly because the plot of land that it is built on is a triangle.
  - The new building's design is influenced by sacred geometry found in various religions. Its design and materials are meant to complement the old Parliament, with the two buildings expected to function as one complex

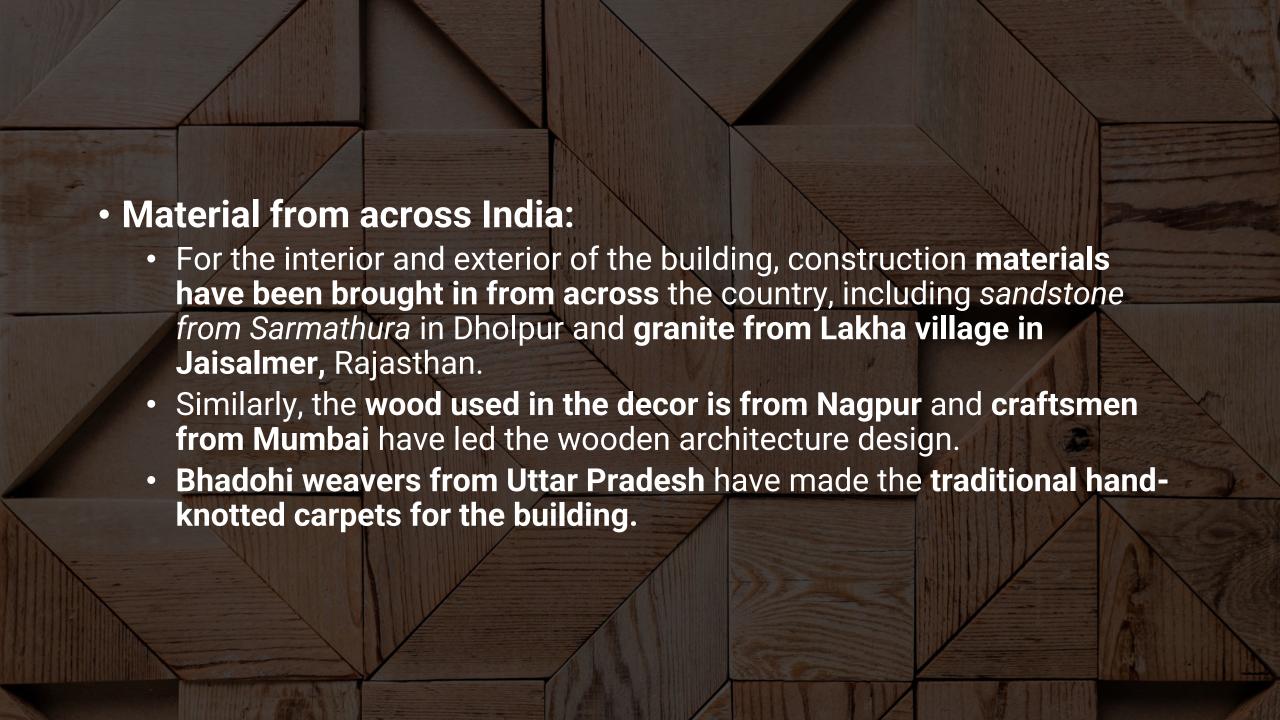


#### **Earthquake-Safe:**

• Since Delhi is in seismic zone-V, the **building is primed to be Earthquake**-**safe**.

# Rajya Sabha:

- The Rajya Sabha chamber has been decorated with the lotus as its theme, with red carpets.
- In both the Lok Sabha and the Rajya Sabha, two MPs will be able to sit
  on one bench and each MP will have a touch screen on the desk.
  - The Rajya Sabha chamber can accommodate 384 Members of Parliament (MPs), as opposed to the existing capacity of 250. The increased capacity of both chambers is meant to cater to any future increase in the number of MPs following Delimitation.



#### Gandhi Statue:

- The 16-foot-tall bronze statue of Mahatma Gandhi, originally placed at the main entrance of Parliament in 1993, has been relocated between the old and new buildings.
- It now faces the old building, near the entrance used by the Lok Sabha Speaker. The statue has been a significant site for protests, gatherings, and photo-ops for students and Members of Parliament.
  - It was created by renowned sculptor Ram V Sutar, a recipient of the <a href="Padma Bhushan award">Padma Bhushan award</a>.

#### National Symbols:

- The building is replete with national symbols, including the national emblem the Lion Capital of Ashoka that weighs 9,500 kg and is 6.5 metres in height, and is visible from a distance.
- To support this massive bronze sculpture, a **structure of 6,500 kg was constructed on top of the central foyer.** At the entrance, the Ashoka chakra and the words 'Satyameva Jayate' have been carved in stone.



- Foucault Pendulum:
- A Foucault pendulum installed inside the new Parliament building. At the latitude of Parliament, it takes 49 hours, 59 minutes and 18 seconds to complete one rotation.
  - The Foucault pendulum, named after French physicist Léon Foucault, is used to demonstrate the earth's rotation.

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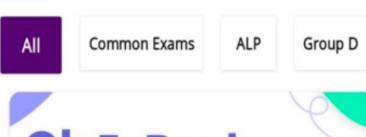
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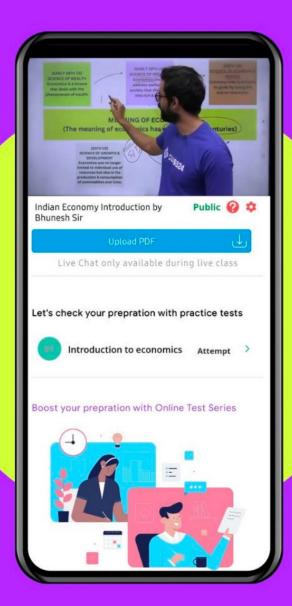
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