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6		Market Research		
7	SEO Research & Analysis	Keyword Research and Analysis		
8		Competitors Website Analysis		
9		SWOT Analysis of Website		
10		Search engine algorithms + Doubt Solving Session		
11		Content Research		
12		Content Guidelines		

36	Competitors Analysis	How to find your SEO competitors?			
37		Competitor Link Analysis			
38		What Are Your Competitors Doing?			
39		Tracking and Reporting			
40		Google analysis			
41		Website SEO			
42	Website vs YouTube SEO	YouTube SEO			
43		Use of Social Media in SEO			
44		Web 2.0 Sites			
45		Creating Web 2.0 Sites + Doubt Solving Session			
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Kota Police. coaching centres step up efforts

Ridding India of food insecurity Policies must ensure access to healthy diet



Kohli, Rahul and Kuldeep make it a perfect day SPORTS » PAGE 15

CBI does not require permission to probe pre-2014 cases too: SC

Court says its 2014 verdict invalidating the provision, which mandated prior permission to probe corruption cases, has retrospective effect

Constitution Bench on Monday held that a Supreme Court judgment of 2014 which declared invalid a legal provision mandating the Central Bureau of Investigation (CBI) to take prior permission before in prior permission before in-vestigating corruption cas-es against senior govern-ment officials has a retrospective effect. A five-judge Bench headed by Justice Sanjay Kishan Kaul said the provi-sion in question. Section

sion in question, Section 6A of the Delhi Special Pol-ice Establishment (DSPE) Act, the statute that go-verns the CBI, was void from the very day of its inConstitution Bench iudement in case [of 2014] will have

sertion on September II, 2003. The 106-page judgment held that Section 6A violat-ed fundamental rights, and "once a law is declared to be unconstitutional, be-ing violative of Part-III (fundamental rights) of the Constitution, then it would be the constitution, then it would be the constitution of the con-still born, unenforceable and nonex. sertion on September 11,

volved in corruption cases even before the date of the even before the date of the Supreme Court judgment invalidating the need for prior sanction would no longer be able to avail the protection of prior approval. and non est.

This means that senior

Launch of West Asia economic corridor is a historic step: PM

Two days after the launch of the India-Middle East-Europe Economic Corri-dor, Prime Minister Naren-dra Modi on Monday de-

dra Modi on Monday de-scribed Saudi Arabia as "one of the most important strategic partners of India".

The exchange between the two sides took place during the state visit of Crown Prince Mohammed Bin Saiman of Saudi Arabia when they agreed to set up a joint task force to fasttrack the West Coast refin ry project.
"As two of the world's

our partnership is impor-tant for the stability of the entire region. Yesterday, we took the historic step to connect India, West Asia, and Europe through an economic corridor. Apart from connecting the two control the incorridor will be the property of the control of the control of the two control of the corridor of the two control of the corridor of the control of the control of the property section of the control of th nomic growth, energy sec-



tor and digitisation," said Mr. Modi, conveying In-dia's gratitude for the Kingdom's initiatives to ensure welfare of the resident In-

Significant visit
Mr. Modi and Prince Bin
Salman also co-chaired the
first meeting of the IndiaCouncil (SPC).
The State visit of the
Crown Prince is significant
as it comes months after
Saudi Arabia ended hostili-

ty with Iran through a deal that was negotiated by Chi-na. It has also come weeks after Saudi Arabia becam a member of the BRICS during the Johannesburg summit. The discussion fo summit. The discussion to-cussed on defence, energy, security, education, tech-nology, transportation, healthcare, tourism and culture, space, and semi-conductors as areas of possible cooperation.

Adieu homeland



Army invited team to visit Manipur: EGI

Krishnadas Rajagopal NEW DELHI

The Editors' Guild of India (EGI) on Monday told the Supreme Court that its team had visited Manipur on the Army's invitation to make an "objective assess-ment" of the "unethical

ment" of the "unethical and ex parte reporting" by the local media. "We did not volunteer to go there. It is the Army that requested us. We got a letter from the Army," senior advocate Kapil Sibal, for the EGI, submitted be-

unacademy

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10 दिन के अंदर टेस्ट कॉपी मुल्यांकन

IN BRIBE

Delhi govt. MCD to build on G-20 assets

NEW DELHI Delhi Ministers and the Mayor said on Monday that the out in parts of the city for the G-20 Summit will be extended

As quota stir rages on, Shinde holds all-party meet

Even as Maratha quota activist Manoj Jarange Patil refused to end his fast, Maharashtra CM Eknath Shinde on Monday

Dissidents quit TIPRA Motha, to revive regional outfit in Tripura Leaders of Tipraland

Syed Sajjad Ali

Two years after it had merged with the Tipraha landigenous Peoples Redonal Alliance (or TIPRA day out the main Opposition party in Tripura.

The main Opposition of the TIPRA Motha was uncertain, the dissident of the TIPRA Motha was uncertain, also announced their plans to review the TSP, which was review the TSP, which was formed in 2015 with the de-mand for a separate "Tipra-

Won 13 seats in poll The TIPRA Motha, a re-gional outfit floated in 2021 by Pradyot Bikram Mani-kya Debbarma after leaving the Congress, won 13 out of the 42 Assembly

State Party, led by Sridam Debbarma, say the future of the TIPRA Motha is uncertain

seats it had contested in the election held in Febru-ary this year.

The CPI(M) and the Con-gress, however, accused Mr. Pradyot of forging a se-

cret pact with the BJP as the TIPRA Motha fielded candidates in 22 general (unreserved) seats, which ultimately spoiled the pros-pects of the CPI(M) and

pects of the CPI(M) and Congress candidates. As a result, the BJP returned to power in the State, albeit with a thin majority. Addressing a press con-ference, Mr. Sridam said while Mr. Pradyot resigned from the chairman's post

leaders of the TIPRA Moths Denied party ticket The departure of Mr. Sri-dam, who was kidnapped twice by extremists in the beginning of his political career, is being seen as a blow to the party.

Kumar Hrangkhawl as its president, "TIPRA Motha is now powerless". He said a number of middle-rung

He was a close aide and political secretary of the TIPRA Motha chief, but was upset over not being given a party ticket for the Assembly election.

Assembly election.
Wishing them well, Mr.
Pradyot in a post on X (formerly Twitter), said, "in a
democracy everyone has
the right to start their own
party. May they, along with
the slee for for our needle us, also fight for our people and the community."



मार्गदर्शन में तैयार



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Launch of West Asia economic corridor is a historic step: PM

Kallol Bhattacherjee

NEW DELHI

Two days after the launch of the India-Middle East-Europe Economic Corridor, Prime Minister Narendra Modi on Monday described Saudi Arabia as "one of the most important strategic partners of India".

The exchange between the two sides took place during the state visit of Crown Prince Mohammed Bin Salman of Saudi Arabia when they agreed to set up a joint task force to fasttrack the West Coast refinery project.

"As two of the world's fastest growing countries, our partnership is important for the stability of the entire region. Yesterday, we took the historic step to connect India, West Asia, and Europe through an economic corridor. Apart from connecting the two countries, the corridor will help in the increase of economic growth, energy sec-



Major push: India and Saudi Arabia have agreed to set up a joint task force to fast-track the West Coast refinery project. PTI

tor and digitisation," said Mr. Modi, conveying India's gratitude for the Kingdom's initiatives to ensure welfare of the resident Indian expats.

Significant visit

Mr. Modi and Prince Bin Salman also co-chaired the first meeting of the India-Saudi Strategic Partnership Council (SPC).

The State visit of the Crown Prince is significant as it comes months after Saudi Arabia ended hostility with Iran through a deal that was negotiated by China. It has also come weeks after Saudi Arabia became a member of the BRICS during the Johannesburg summit. The discussion focused on defence, energy, security, education, technology, transportation, healthcare, tourism and culture, space, and semiconductors as areas of possible cooperation.

CONTINUED ON

» PAGE 10

"Both sides extended full support to the West Coast refinery project – which is a trilateral project between ARAMCO, ADNOC and an Indian company – for which \$50 billion are already earmarked. The new thing that has come up is that the two sides agreed to set up a joint task force to help in identifying and channelising the \$100 billion investment which was actually promised by the Saudi side half of which was for the refinery," said MEA Secretary Ausaf Sayeed announcing that Delhi and Riyadh would upgrade energy ties to "comprehensive energy partnership". Both sides agreed to work on the India-GCC Free Trade Agreement, said Mr. Sayeed. Crown Prince Bin Salman had visited India in February 2019 when Saudi Arabia had pledged to invest \$100 billion and the investment into the energy project was first mooted during that initiative.

Among the eight agreements that were sealed included one between the Central Vigilance Commission of India and the Saudi Oversight and Anti Corruption Authority and another between the Saudi and Indian Exim Banks. National Institute of Technology of India and the Saline Water Conversion Corporation of Saudi Arabia signed an agreement during the visit. After the meeting in Hyderabad House with Mr. Modi, Prince Bin Salman called on President Droupadi Murmu and attended a banquet dinner hosted in his honour.

A joint statement issued at the end of the visit mentioned that the Saudi side had assured India that it would remain a "reliable partner and exporter of crude oil supplies".

The document mentioned that the two delegations "welcomed the expansion of the private sector in the two countries to enter into investment partnerships in the agricultural and food industries". The joint statement stressed on strengthening cooperation in the field of defence and antiterror cooperation and made a special mention of preventing access to "missiles and drones" to carry out terror attacks. Indicating the ongoing reforms in Saudi Arabia, the joint statement mentioned that two sides discussed plans to strengthen the tourism segment of bilateral relation.

- India-Mercosur Preferential Trade Agreement (PTA):
 - India and Brazil agreed to work together for the expansion of **India-Mercosur PTA** to promote economic ties.
 - Mercosur is a trading bloc in Latin America, comprising Brazil, Argentina, Uruguay and Paraguay.
 - The India-Mercosur PTA came into effect on June 1, 2009, aimed to eliminate customs duties on a limited number of goods agreed between India and the Mercosur bloc.

- भारत-मर्कोस्र तरजीही व्यापार समझौता (पीटीए):
- भारत और ब्राजील आर्थिक संबंधों को बढ़ावा देने के लिए भारत-मर्कोसुर पीटीए के विस्तार के लिए मिलकर काम करने पर सहमत हुए।
- मर्कोसुर लैटिन अमेरिका में एक व्यापारिक समूह है, जिसमें ब्राज़ील, अर्जेंटीना, उरुग्वे और पैराग्वे शामिल हैं।
- भारत-मर्कोसुर पीटीए 1 जून, 2009 को प्रभाव में आया, जिसका उद्देश्य भारत और मर्कोसुर ब्लॉक के बीच सहमत सीमित संख्या में वस्तुओं पर सीमा शुल्क को समाप्त करना था।

Small Arms and Terrorist Safe Havens:

The 2023 New Delhi Declaration builds upon previous G20 declarations, especially the **2015 Turkiye declaration**, which strongly denounced terrorism.

Unlike the **2022 G20 Bali Leaders Declaration**, which primarily focused on the financing of terrorism and the strengthening of the **Financial Action Task Force** (FATF), the New Delhi Declaration **encompasses a wider range of concerns.**

- छोटे हथियार और आतंकवादियों के सुरक्षित ठिकाने:
- 2023 की नई दिल्ली घोषणा पिछली G20 घोषणाओं, विशेष रूप से 2015 तुर्किये घोषणा, पर आधारित है, जिसमें आतंकवाद की कड़ी निंदा की गई थी।
- 2022 जी20 बाली नेताओं की घोषणा के विपरीत, जो मुख्य रूप से आतंकवाद के वित्तपोषण और वित्तीय कार्रवाई कार्य बल (एफएटीएफ) को मजबूत करने पर केंद्रित था, नई दिल्ली घोषणा में चिंताओं की एक विस्तृत शृंखला शामिल है।

India- Middle East- Europe Economic Corridor

 Shipping & railway connectivity corridor (India, UAE, Saudi, EU, France, Italy, Germany and US) - part of Partnership for Global Infrastructure Investment

G20 now G21

 Permanent membership of African Union in G20 (in line with India as the 'Voice of the Global South')

Global Biofuel Alliance

- Led by India, Brazil and US
- Other Initiating Members Argentina, Bangladesh, Italy, Mauritius, S. Africa and UAE (Canada and Singapore - observers)
- 19 countries and 12 int'l orgs agreed to join

Climate

- G20 High-Level Principles on Lifestyles for Sustainable Development
- Pledge to **3x RE capacity globally** by 2030
- UK committed USD 2 bn to Green Climate Fund

Invitee Countries

Bangladesh, Egypt, Mauritius, Netherlands, Nigeria,
 Oman, Singapore, Spain and UAE

India's Cultural Showcase —

- Bharat Mandapam (inspired from Anubhav Mandapam)
- Bronze statue of Lord Nataraja (Chola style)
- Konark Chakra of Odisha's Sun Temple and Image of Nalanda University (used as iconic backdrops)
- Thanjavur Paintings and Dhokra art
- Brass statue of Lord Buddha sitting under Bodhi tree
- Diverse musical heritage (Hindustani, Folk, Carnatic, Devotional)



- (a) Argentina, Mexico, South Africa and Turkey
- (b) Australia, Canada, Malaysia and New Zealand
- (c) Brazil, Iran, Saudi Arabia and Vietnam
- (d) Indonesia, Japan, Singapore and South Korea

States

TDP leaders meet Governor over 'illegal arrest' of Naidu

Party submits memorandum condemning the arrest; Andhra Pradesh Governor responded positively and expressed surprise at the arrest without his knowledge, says TDP leader K. Atchannaidu; bandh eyokes a lukewarm response

The Hindu Bureau

delegation of Telu-gu Desam Party (TDP) leaders met Andhra Pradesh Governor S. Abdul Nazeer on Mon-day after their scheduled meeting on Saturday and Sunday was cancelled due to various reasons. The leaders, led by TDP

State president K. Atchan-naidu, met the Governor at the Port Guest House and submitted a memorandum condemning the "illegal and arbitrary arrest" of TDP national president



tion to Governor S. Abdul Nazeer, K.R. DEEPAK

and former Chief Minister N. Chandrababu Naidu. The delegation included MLA and former Minister Duyyaranu Rama Rao and Vepada Chiranjeevi Rao, former MLA Gandi Babji and TDP leader Korada Ra-

Mr. Atchannaidu told me-Mr. Archannaidu told me diapersons that the Gover-nor had responded posi-tively, and "expressed surprise at the arrest of Mr. Naidu without his Gover-nor's knowledge". "Chief Minister V.S. Ja-"Chief Minister V.S. Ja-termined to arrest Mr. Nai-du. Media surveys had

du. Media surveys had predicted that an alliance between the Jana Sena Party and the TDP would ensure their victory in the 2024 election. The YSRCP government is indulging in vindictive measures as it is jealous of the response to the 'Yuva Galam' padaya-

tra of TDP national general secretary N. Lokesh," Mr. Atchannakiu said. Atchannakiu said. Silventari said.

sent situation was reminis-cent of the Emergency, and appealed to the public to support Mr. Naidu and the TDP in its struggle for

JSP leaders P.V.S.N. Raju and Peethala Murthy Ya-dav were among those who met the Governor.

daramaiah said the State
government was not
pleased over the release of
The State government
was committed to protecting the rights of Karnatathe drinking water requirements of people in
obysuru. Bengahuru and
The State had released The State had release

water to Tamil Nadu only because of the directions issued by the Cauvery Wa ter Management Authori-ty. However, the State will ty. However, the State will argue against the release of water before the Su-preme Court on Septem-ber 21 and before the Authority on September 12, he said.

Karnataka to decide on drought soon

The Hindu Bureau

Karnataka Chief Minister Siddaramaiah on Monday

Siddaramaiah on Monday said a decision regarding declaring drought-hit ta-luks will be taken at the next Cabinet meeting. the control of the control der the norms required for their declaration as drought-hit, the govern-ment has sought a report from 136 more such ta-toring the control of the luks could qualify for be-ing declared as ing declared as drought-hit, the Chief Mi-

nister told mediapersons in Mysuru. Fielding gueries on the

Cauvery dispute, Mr. Siddaramaiah said the State government was not

BRS MLA's election: SC stavs HC order

Press Trust of India

Monday stayed the Telan gana High Court order de-claring the election of Bha-rat Rashtra Samithi (BRS) rat Rashtra Samithi (BRS) MLA Bandla Krishna Mo-han Reddy from Gadwal constituency as void. A Bench of Justices Su-rya Kant and Dipankar Dat-ta issued notice to BJP lead-

elected after annulling Mr. Reddy's election, and sought her response within four weeks. The High Court had on

The High Court had on August 24, while declaring Mr. Reddy's election as wold, also imposed a fine of \$2.5 lakh on him for filing a false affidavit with his nomination form about his assets.



Woman Dalit panchayat president missing in T.N.

mathi, 25, who was elected president of the Navakkan-eri village panchayat in Ti-rupattur district of Tamil Nadu, has been missing since Saturday. The Ambu police have registered a case in this regard and are Police said Ms. Indu-mathi's husband U. Pan-dian, 31, had filed the com-plaint. A special team has been formed to investigate the case.

According to the com-plainant, the president of the reserved panchayar did

not return home after she went to buy milk in a near-by shop in Sholayur village around 5 p.m. on Saturday.

Parents restrain children from taking meal cooked by SC woman

Parents belonging to the Parents belonging to the intermediate community have restrained their chil-dren studying in a pan-chayat union primary school in Thoothukudi dis-trict of Tamil Nadu from partaking of the breakfast

because of courts," Justice Patel said. "We have to ask our-

selves some hard ques-tions. I am now addressing the subtext. Look at this

(Navi Mumbai building)

woman, who belongs to the Schechiled Castes com-munity. The food is pre-pared as part of the Chief Minister's Breakfast Scheme. Scheme. Scheme. Scheme. Scheme is sources said Mu-niyaselvi, 29, cooks break-fast at the panchayat union primary school in Usilam-patti for the II students en-patti for the II students en-

Revenue Divisional Of-ficer, Kovilpatti, Jane Chris-ty Bai visited the school on Monday morning along with officials from other departments including the police. The parents were ada-

mant but claimed their children did not need the breakfast and denied any

'Not on our watch,' says Bombay HC slamming illegal construction

Press Trust of India

The Bombay High Court on Monday said illegal con-structions in the city have been mushrooming for long but time has now come to change the attitude that 'nothing will hap-pen to such structures'. The court asked the

Maharashtra government to find a solution to such

development.

A Division Bench of Jus-tices Gautam Patel and Ka-mal Khata said as a court, it wants to now send out a message that such ram-pant illegal constructions will not be allowed to hap-pen "under its watch".

The Bench had last month suo motu taken up the issue of an unauthorised four-storeyed residen-tial building in Navi Mum-bai. Out of the 29 flats in

bai. Out of the 29 flats in the building, 23 are occu-pied, five are locked while one is vacant.

The court said 23 occu-pants had been persuaded to take flats saying "kuch nahi hoga" (nothing will happen). "Now, we will change it...", the court

The court has asked the Maharashtra government to find a solution to the issue

ter on Monday, the Bench said the gravity of the situa-tion is such that the build-

"No pointing fingers'
"We have to stop pointing fingers at individuals. To-day, individuals are taking advantage. I am constructing what will they do or we will see. Because several have been doing this and

they have been getting away with it," Justice Patel said. The Bench said several times, the person ap-proaches civil courts and procures a stay against any coercive action proposed by the civic authorities.

by the civic authorities.

"I want to send out a message that we won't let it happen under our watch. We will not permit this under our watch. Much of such things have happened

said, adding 'kuch toh ho-

ga' (sometrang happen)". While hearing the matcase. It is so utterly gross, Referring to the 2019 de-molition of apartments at Maradu in Kerala for aling has both electricity and water supply that have been procured illegally. leged CRZ violation, the court said, "The Supreme Court could do it with so

The High Court said it wants the Maharashtra go-vernment to inform if it has any sort of solution to the "We cannot contem-

plate a situation where the government is powerless to stop such rampant unauthorised structures," the court said. The Bench directed the

The Bench directed the court receiver to take pos-session of the land and the four-storeyed building and issued notices to the deve-loper and the occupants of the building.

the building.

The Bench posted the matter for further hearing on October 4.

Sharad Pawar faction seeks disqualification of MLCs in Ajit-led rebel NCP group

The Sharad Pawar-led Nationalist Congress Party (NCP) has peti-tioned the Deputy Chairperson of Cl. Neelam Gorhe, to disqualify the cil. Neelam Gorhe, to disqualify the legislators of the rebel faction led by Deputy Chief Minister Ajit Pa-war from the House.

According to sources, two appli-cations on the disqualification of rebel MLCs - one from NCP State president and Sharad Pawar loyal-ist Jayant Patil, and the other from Jitendra Ahwad, general secretary of the Sharad Pawar-led NCP gro have been received by

Gorhe.
Mr. Patil's application seeks the
disqualification of NCP legislators
Mittari, and Aniker Tatkare, while
Mr. Ahwad's petition seeks action
against veteran NCP leader and
long-time MIC Ramraje
Naik-Nimbalkar.

It also comes a day after Mr. Sha-rad Pawar, at a meeting of his fac-

'No entry for rebels'
The move comes more than two
months after Mr. Ajit Pawar and eight other NCP MLAs split the par-ty by aligning with the BJP-Shiv Se-na government.



seeking the disqualification of the nine MLAs.

Since then, the rebel faction has staked claim to the party name and symbol before the Election Com-mission. Mr. Ajit Pawar also claimed to be the new NCP president. Last week, in its response to the rebel faction's claims, the Sha-rad Pawar group told the EC that there existed no split within the party except for "a few mischie-vous individuals, who for their personal ambitions have defected from the party".

noparticles have limited appli-

cations because of their large size. The IISc team used a no-

vel reduction method to depo

NCP chief Sharad Pawar (right) with his nephew Alit Pawar, FILE PHOTO

tion's leaders in Mumbai on Sun day, suggested that he might not take back the rebel leaders, and that fresh faces could be given tick ets in the upcoming polls. On July 2, the day of the rebel-

On July 2, the day of the rebei-lion, the Sharad Pawar group had moved a petition before the As-sembly Speaker, Rahul Narwekar, seeking the disqualification of the

IISc develops novel approach to detect, kill cancer cells

The Hindu Bureau

Indian Institute of Science (IISc) scientists have deve-loped a new approach to po-tentially detect and kill cancer cells, especially those which form a solid tumour mass. The scientists have created

The scientists have created hybrid nanoparticles made of gold and copper sulphide, which can kill cancer cells us-ing hear, and enable their de-tection using sound waves.

"Early detection and treat-ment are key in the battle against cancer. Copper sul-phide nanoparticles have pre-viously received attention for their application in cancer diagnosis, while gold nano-particles, which can be chemanticancer effects. In the cur-rent study, the IISc team decided to combine these two into hybrid nanoparticles,"

sc said. Jaya Prakash, assistant professor at the Department of Instrumentation and Applied Physics (IAP). IISc, said that these particles have phototh-ermal, oxidative stress, and

ermal, oxidative stress, and photoacoustic properties. "When light is shined on these hybrid nanoparticles, they absorb the light and gen-erate heat, which can kill can-cer cells. These nanoparticles also produce singlet oxygen atoms that are toxic for the cells. "We want both these mechanisms to kill the cancer cell," Mr. Jaya Prakash

explained. The researchers said that the nanoparticles can also



Researchers said the nanoparticles can help diagnose certain cancers.

help diagnose certain can-cers. Existing methods such as standalone CT and MRI scans require trained radiology pro-fessionals to decipher the im-ages. The photoacoustic property of the nanoparticles allows them to absorb light and generate ultrasound waves, which can be used to detect cancer cells with high contrast once the particles reach them. The ultrasound waves generated from the par-ticles allow for a more accu-rate image resolution as sound waves scatter less when they pass through tissues compared to light. Scans created from the generated ul-

used for cancer screening, said Ashok M. Raichur, profes sor at the Department of Materials Engineering, and another corresponding

sit tiny seeds of gold onto the copper sulphide surface. The resulting hybrid nanoparticles created from the generated ul-trasound waves can also pro-vide better clarity and can be used to measure the coxygen saturation in the tumour, "You can integrate this with existing systems of detection or treatment. For example, the nanoparticles can be trig-gered to produce hear by shin-endoscope that is typically used for cancer screening."

resulting hybrid nanoparticles - less than 8 nm in size - can potentially travel inside tissues easily and reach tumours. The researchers became in the researchers became in the researchers became in the researchers became in the research the current study, the re-searchers tested their nano-particles on lung cancer and cervical cancer cell lines in the lab. They now plan to take the results forward for clinical Previously developed na-

Himachal Pradesh **Public Works Department**

Standard Bid Documents for NABARD

SECTION-Executive Engineer HPPWD Kasauli Distt Solan (Name of Authority Inviting Bids)

NOTICE INVITING TENDER (NIT)

Br. No	Division	RIDE	Name of work	(Rs, Lakh)			completion	
					Mainte- -nance		(Machens)	The bid security is 2% of the total cost, rounded to the nearest thousand
1	2	3	4	5	- 6	7	8	9
1.	Kasauli	XXVIII	Improvement and Strengthening of Sichel John Nanda Katal Ka Strengthening of Sichel Katal Ka Strengthening of Sichel Strengthening of Sichel Strengthening of Sichel Ptt. Cross drainings works, Nets ling end Taming, side drain, C/O Parapets and Ptt. noad signages etc. In Kin. 009 to 15/535;Unider NABARD RDF-XXVIII.3" Call	Lac	105.37 Lac	962.77 Lac	18 Months	19.65 Lac

after deadline date for hid submission. To qualify for a package of contract made up of this for which bids are invited in the same NT. The bidd must demonstrate having experience and resources sufficient to meet the aggregate of the qualifyin which for the individual continuets.

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On behalf of the G

IISc develops novel approach to detect, kill cancer cells

The Hindu Bureau

BENGALURU

Indian Institute of Science (IISc) scientists have developed a new approach to potentially detect and kill cancer cells, especially those which form a solid tumour mass.

The scientists have created hybrid nanoparticles made of gold and copper sulphide, which can kill cancer cells using heat, and enable their detection using sound waves.

Key in the battle

"Early detection and treatment are key in the battle against cancer. Copper sulphide nanoparticles have previously received attention for their application in cancer diagnosis, while gold nanoparticles, which can be chemically modified to target cancer cells, have shown anticancer effects. In the current study, the IISc team decided to combine these two into hybrid nanoparticles," IISc said.

Jaya Prakash, assistant professor at the Department of Instrumentation and Applied Physics (IAP), IISc, said that these particles have photothermal, oxidative stress, and photoacoustic properties.

"When light is shined on these hybrid nanoparticles, they absorb the light and generate heat, which can kill cancer cells. These nanoparticles also produce singlet oxygen atoms that are toxic for the cells. "We want both these mechanisms to kill the cancer cell," Mr. Jaya Prakash explained.

The researchers said that the nanoparticles can also



Researchers said the nanoparticles can help diagnose certain cancers.

help diagnose certain cancers. Existing methods such as standalone CT and MRI scans require trained radiology professionals to decipher the images. The photoacoustic property of the nanoparticles allows them to absorb light and generate ultrasound waves, which can be used to detect cancer cells with high contrast once the particles reach them. The ultrasound

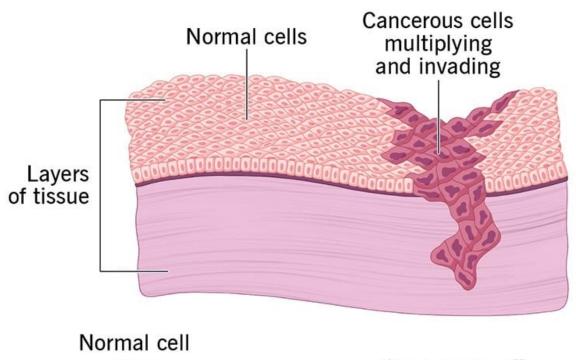
waves generated from the particles allow for a more accurate image resolution as sound waves scatter less when they pass through tissues compared to light. Scans created from the generated ultrasound waves can also provide better clarity and can be used to measure the oxygen saturation in the tumour, boosting their detection.

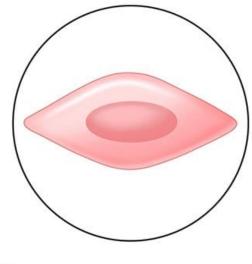
"You can integrate this with existing systems of detection or treatment. For example, the nanoparticles can be triggered to produce heat by shining a light on them using an endoscope that is typically used for cancer screening," said Ashok M. Raichur, professor at the Department of Materials Engineering, and another corresponding author.

Previously developed na-

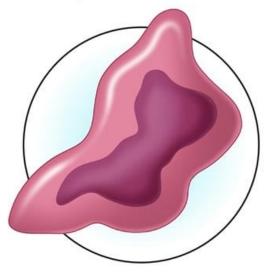
noparticles have limited applications because of their large size. The IISc team used a novel reduction method to deposit tiny seeds of gold onto the copper sulphide surface. The resulting hybrid nanoparticles - less than 8 nm in size - can potentially travel inside tissues easily and reach tumours. The researchers believe that the nanoparticles' small size would also allow them to leave the human body naturally without accumulating, although extensive studies have to be carried out to determine if they are safe to use inside the human body. In the current study, the researchers tested their nanoparticles on lung cancer and cervical cancer cell lines in the lab. They now plan to take the results forward for clinical development.

Cancer

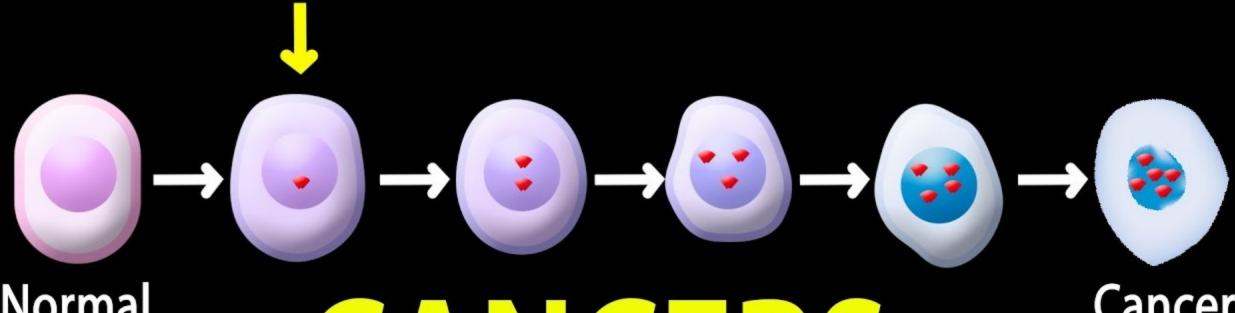




Cancerous cell



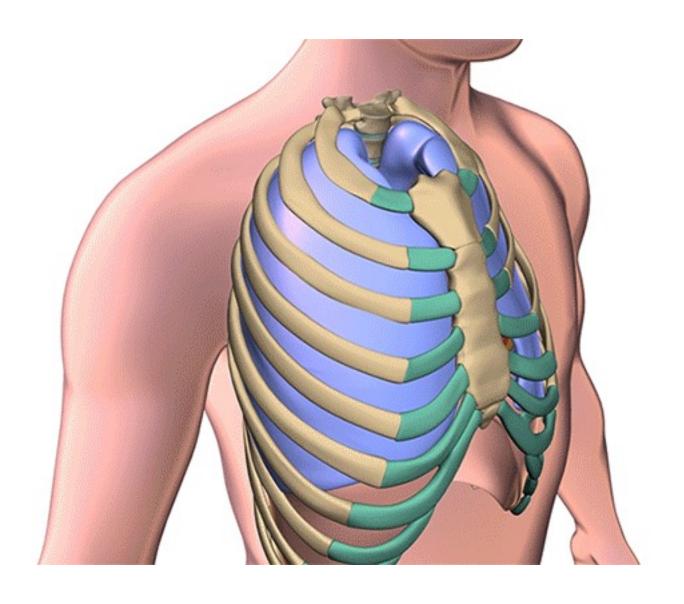
PREDISPOSED



Normal cell

CANCERS

Cancer cell



Types of cancer

- Doctors divide cancer into types based on where it begins. Four main types of cancer are:
- Carcinomas: A carcinoma begins in the skin or the tissue that covers the surface of internal organs and glands.
- कैंसर के प्रकार
- डॉक्टर कैंसर को उसके शुरू होने के स्थान के आधार पर प्रकारों में विभाजित करते हैं। कैंसर के चार मुख्य प्रकार हैं:
- कार्सिनोमा: कार्सिनोमा त्वचा या ऊतक में शुरू होता है जो आंतरिक अंगों और ग्रंथियों की सतह को कवर करता है।

 Sarcomas: A sarcoma begins in the tissues that support and connect the body. A sarcoma can develop in fat, muscles, nerves, tendons, joints, blood vessels, lymph vessels, cartilage, or bone.

• सारकोमा: सारकोमा उन ऊतकों में शुरू होता है जो शरीर को सहारा देते हैं और जोड़ते हैं। सार्कोमा वसा, मांसपेशियों, नसों, टेंडन, जोड़ों, रक्त वाहिकाओं, लसीका वाहिकाओं, उपास्थि या हड़डी में विकसित हो सकता है।

- Leukemias: Leukemia is a cancer of the blood. Leukemia begins when healthy blood cells change and grow uncontrollably.
- Lymphomas: Lymphoma is cancer that begins in the lymphatic system. The lymphatic system is a network of vessels and glands that help fight infection.

- ल्यूकेमियास: ल्यूकेमिया रक्त का कैंसर है। ल्यूकेमिया तब शुरू होता है जब स्वस्थ रक्त कोशिकाएं बदलती हैं और अनियंत्रित रूप से बढ़ने लगती हैं।
- लिम्फोमा: लिम्फोमा कैंसर है जो लसीका प्रणाली में शुरू होता है। लसीका तंत्र वाहिकाओं और ग्रंथियों का एक नेटवर्क है जो संक्रमण से लड़ने मैं मदद करता है।

- These changes are the result of the interaction between a person's genetic factors and three categories of external agents, including:
- physical carcinogens, such as ultraviolet and ionizing radiation;
- chemical carcinogens, such as asbestos, components of tobacco smoke, alcohol, aflatoxin (a food contaminant), and arsenic (a drinking water contaminant); and
- biological carcinogens, such as infections from certain <u>viruses</u>, bacteria, or parasites.

- ये परिवर्तन किसी व्यक्ति के आनुवंशिक कारकों और बाहरी एजेंटों की तीन श्रेणियों के बीच बातचीत का परिणाम हैं, जिनमें शामिल हैं:
- भौतिक कार्सिनोजन, जैसे पराबैंगनी और आयनकारी विकिरण;
- रासायनिक कार्सिनोजन, जैसे एम्बेस्ट्स, तंबाकू के धुएं के घटक, शराब, एफ्लाटॉक्सिन (एक खाद्य संदूषक), और आर्सेनिक (एक पीने के पानी का संदूषक); और
- जैविक कार्सिनोजन, जैसे कि कुछ वायरस, बैक्टीरिया या परजीवियों से संक्रमण।

 Tobacco use, alcohol consumption, unhealthy diet, physical inactivity, and air pollution are risk factors for the disease and other non-communicable diseases

• तम्बाक् का उपयोग, शराब का सेवन, अस्वास्थ्यकर आहार, शारीरिक निष्क्रियता और वायु प्रदूषण इस बीमारी और अन्य गैर-संचारी रोगों के लिए जोखिम कारक हैं। Treatment usually includes surgery, radiotherapy, and/or systemic therapy (chemotherapy, hormonal treatments, targeted biological therapies).

• उपचार में आमतौर पर सर्जरी, रेडियोथेरेपी, और/या प्रणालीगत थेरेपी (कीमोथेरेपी, हार्मोनल उपचार, लक्षित जैविक थेरेपी) शामिल होती है।

Latest news

 India is expected to roll out the indigenously developed CERVAVAC vaccine for the prevention of cervical cancer among girls aged 9-14 years through their schools by mid-2023.

- ताजा खबर
- उम्मीद है कि भारत 2023 के मध्य तक 9-14 वर्ष की आयु की लड़िकयों के बीच सर्वाइकल कैंसर की रोकथाम के लिए स्वदेशी रूप से विकसित CERVAVAC वैक्सीन को उनके स्कूलों में लागू कर देगा।

- Cervical cancer is the 4th most common type of cancer among women, globally and 2nd most common among women in India.
- But when diagnosed, cervical cancer is one of the most successfully treatable forms of cancer, as long as it is detected early and managed effectively.
- सर्वाइकल कैंसर वैश्विक स्तर पर महिलाओं में चौथा सबसे आम प्रकार का कैंसर है और भारत में महिलाओं में दूसरा सबसे आम प्रकार है।
- लेकिन जब निदान किया जाता है, तो सर्वाइकल कैंसर कैंसर के सबसे सफलतापूर्वक इलाज योग्य रूपों में से एक है, जब तक कि इसका शीघ्र पता लगाया जाता है और प्रभावी ढंग से प्रबंधित किया जाता है।

Text&Context

- THE

NEWS IN NUMBERS

Amount of rice sold by FCI under the Open Market Sale Scheme

17,000 in tonn said that the Food Corporation of India would sell an additional 25 lakh tonnes of rice from the central pool in the open market. PII

Total loan amount owed by ed-tech firm Byjus to lenders

9,956 in € crore.
Byjus is Byjus is looking to sell its overseas ventures Epic and Great Learning to pay back its entire loan amount owed to lenders. PTI

The number of deaths in Sudan from deadly air strikes

The air strike at a Khartoum market was one of the deadliest single attacks in Sudan's now almost five months of war. Nearly 7,500 people have been killed in the war that began on April 15. APP

People killed in Libya freak floods due to storm Daniel

Freak floods in eastern Libya as a result of storm Daniel has swept the Mediterranean. Experts have described the storm as "extreme in terms of the amount of water failing in a space of 24 hours". **

Market capitalisation of BSE-listed firms reaches all-time high

in ₹ lakh crore. Market capitalisation of BSE listed companies jumped to a new high with investors' gaining ₹14,67,416 crore in seven days. øn

Follow us a facebook.com/thehindu twitter.com/the hindu instagram.com/the hindu

On China's economic slowdown

How is the second-largest economy in the world faring? Did Xi Jinping's strict zero-COVID policy play a role in the decline of growth? How different is China's investment driven economic model? Why are experts saying that the country needs to pivot to a more consumer-centric model?

EXPLAINER

Diksha Munjal

The story so far:
hina, at the start of this month
announced more measures to
revive its flagging economy with
major banks clearing the path
for additional cuts in lending rates and for additional cuts in lending rates and the amount of funds institutions require required to the control of the control of hoping to prevent a further downturn in hoping to prevent a further downturn in Communist Party government sense to Communist Party government sense support and stimulus amid tumbling exports, a slide into deflation, record-high youth unemployment, and a battered

How bad is China's slowdown?

Economic data coming out of Beijing over the past months indicate that all is not all with the world's second largest well with the world's second largest economy, which was expected to spring economy, which was expected to spring expected to spring the property of the years of grinding restrictions under President Xi-Jimping's sero-COVID policy. GDP grew just 6.8% in the second quarter year, and the projected annual growth now seems to be closer to 3%, among the weakest in the last three decades.

now seems to be closer to 3%, among the weakest in the last three decades, with the lifting of strict pandemic curbs, economists expected Chinese consumers to engage in a spending spree and private businesses to pump in money resulting in and a ripple effect on the global economy. Notably, the Chinese economy did show initial signs of recovery in the first few months of this year with pent up demand export growth, with even the alling real-estate sector seeming to have real-estate sector seeming to have oottomed out.

However, economic indicators by the end of the second quarter told a different end of the second quarter told a different story – figures on August 8 showed that the country suffered its biggest fall in the country suffered its biggest fall in exports declined from a record high of \$340 billion in December 2021 to \$284 billion in May 2023. The July export numbers were even more alarming, having plunged by 14.5% compared to the year-ago period. Imports too tumbled 12.4% from a year earlier to \$201.2 billion in a sign of weak domestic demand, widening from the previous month's 6.8% contraction. The country's global trade contraction. The country's global trade surplus narrowed by 20.4% from a record

surplus narrowed by 20.4% from a record high a year ago to \$80.6 billion.

Then came the grim Consumer Price Index (CP) figures. China slipped into deflation as consumer prices contracted in July for the first time in more than two years with the CPI falling 0.3% after flathing in June. Deflation refers to falling the price of the consumer prices of the consumer to the consumer t prices of goods and services and is caused by a number of factors, including waning consumption. And while cheaper goods may appear beneficial for purchasing power, a lack of demand forces companies to reduce production, freeze hiring or lay off workers, and agree to inte to sell off their stocks

new discounts to sell off their stocks. Another sign of the slowdown was evident when youth unemployment hit a record high of almost 21% in June, which is four times the national urban rate. Meanwhile, national debt and that at the local government level is piling up.

How did it get here? Analysts say that while the harsh curbs under the zero-COVID policy may have been the force behind the deceleration of my, the unravelling of China's 40-year-old economic model driven by



debt-fuelled investments and exports was

a long time coming. About five decades ago, China's economy was considered, as the Centre on Foreign Relations put it, an "economic afterthought". Decades of state ownership afterthought". Decades of state ownership and central planning under Mae Zedong and central planning under Mae Zedong the U970s, when the country was facing cute underinvestment across multiple sectors, Deng Xiaoping's reforms opened formation of rural enterprises and private businesses, and liberalised foreign trade and investment. Post-1978 China saw average real growth of more than 9% and in several peak years, the economy grew more than 13%, in what was referred to as

more than 13%, in what was referred to as Belijing's growth miracle.

However, the policy focused predominantly on supply, not demand, meaning the growth in China's GDP was consumption. Notably, unlike major economies, where GDP growth is conventionally perceived as an indicator of economic performance, China's growth target is a predetermined objective set by Beljing at the outset of each which and other sectors have to meet through and other sectors have to meet through delivering enough economic activity. Michael Pettis, professor of finance at Michael Fettis, professor of finance at Peking University in Beijing said that, period from the late 1970s to the 2000s when the economy opened up and there was underinvestment in various sectors. The government spent money on toads, more to state-dominated industries than nor to state-dominated industries than to consumers. Mr. Pettis notes that more than a decade ago, the gap between the presement of this had and the investment. its economy could constructively absorb was mostly filled, which is when measures to bring down production and reshape the economy to widen

reshape the economy to widen consumption should have been taken. Mr. Pettis also points out that while many economies have followed an investment-driven development model, consumption in the properties of the consumption in 2010 was just 34%. Globally, the average for household consumption in GDP is about 60%, being around 70% in the U.S. World Bank data shows that investment as a percentage points above the global percentage points above the global

average, while household consumption is almost 20 points below. In fact, the Communist Party under

In fact, the Communist Party under President Xi has acknowledged this. In an essay last year, the Chinese President growth, A Carnegle Endowment paper notes that "genuine growth can be thought of as sustainable growth generated largely by consumption, exports, and business investment; whereas "inflated" growth consists mainly productive, investment in infrastructure of nonproductive, or insufficiently productive, investment in infrastructure and real estate". Analysts say the government will have to pivot towards a consumption-led model in order to nanoeuvre out of the slowdown, which means putting more money in the hands of consumers instead of mobilising it for

investments.
The inflated growth through
mobilisation of resources and debt has in
turn led to more debt. While this debt was
not alarming, since the investments were
productive, it began to accumulate when
investments became unproductive,
ballooning to 300% of the GDP. Besides, the trade war between the U.S. and China and policies such as 'de-risking' and China +1' accelerated the slowdown.

What does China's real estate sector have to do with the slowdown? The unravelling of the economic model is most visible in the debt spiral and slump most visible in the debt spiral and shump of China's property sector, which followed the same growth path as the economy. Statistical estimates from America's National Bureau of Economic Research indicate that real estate, including allied activities, contributes as nuch as 29% to China's GDP and has been a key driver of its sustained economic growth. Thus, as the growth model of the economy began to falter, the bubble in one of its key driving sectors, real estate,

also burst.

Around 70% of household wealth in China is stored in property. Speculating consumer demand in this sector, property developers in China over the decades, used the method of buying land, getting loans on it to start construction, and then secured money from home buyers in pre-sales of unfinished h allowing those funds to fund other projects. However, companies had borrowed alarming amounts by 2020, raising fears of repayment and their ability to deliver unfinished houses to

consumers who had been paying mortgages. The government that year cracked down on overleveraged cracked down on overleveraged developers through its "three red lines" regulation, which categorised developers based on how much debt they hold.

based on how much debt they hold.
However, in 2021, when demand for
property and new sales dropped
drastically, developers were left cash
strapped while homeowners boycotted
mortgage payments and creditors
demanded to be repaid. The snowballing
of the current bowsing crisis can be traces of the current housing crisis can be traced back to the fall of China's second-largest real estate developer in terms of total sales – the Evergrande Group in 2021. The conglomerate breached all three debt thresholds in the red lines system and defaulted on its \$300 billion debt. Since then, companies accounting for 40% of Chinese home sales have defaulted, mos

Crimese nome saies nave deraulted, mo of them private property developers. The most recent manifestation of China's real estate troubles is in the liquidity crisis at Country Garden, once the country to develope the country. he country's largest property developer. Country Garden has nearly one million homes to complete, according to Japanese investment bank Nomura. The crisis comes at a time when the sector is in worse shape and the economy is flagging, meaning any default the firm makes raises fears of financial contagio

makes raises fears of financial contagion. While the Communist Party cemeal measures to encourage house sales and provides strinulus to the sector, full scale bailouts for embatted developers have government has reiterated its stance that "house are for living in, not for speculation", analysis expect drastic policy measures to contain the downward spiral in the property sector.

Why is China's slowdown a concern? Dhaval Joshi of BCA Research pointed out in a report by *The Guardian* that China in a report by The Guardian that China has generated 41% of the world's growth has generated 41% of the world's growth contribution from the U.S., and way more than the 9% contribution from the U.S., and way more than the 9% contribution from the euro area. This means that China has 2.6% real growth rate of the world economy. It made up this big chunk of the global growth because its economy was growing at about 8-9% a year. Now that its growth rate is half of that – its contribution would also be halved to about 0.5 points.

THE GIST

Economic data coming out of Beijing over the past months indicate that all is not well with the world's second largest economy, which was expected to spring back and drive global growth after three years of grinding restrictions under Oversitest Vs. limburity. resident Xi-Jinping's

Figures on August 8 showed that the country suffered its biggest fall in exports in more than three years. China's exports declined from a record high of \$340 billion in December 2021 to \$284 billion

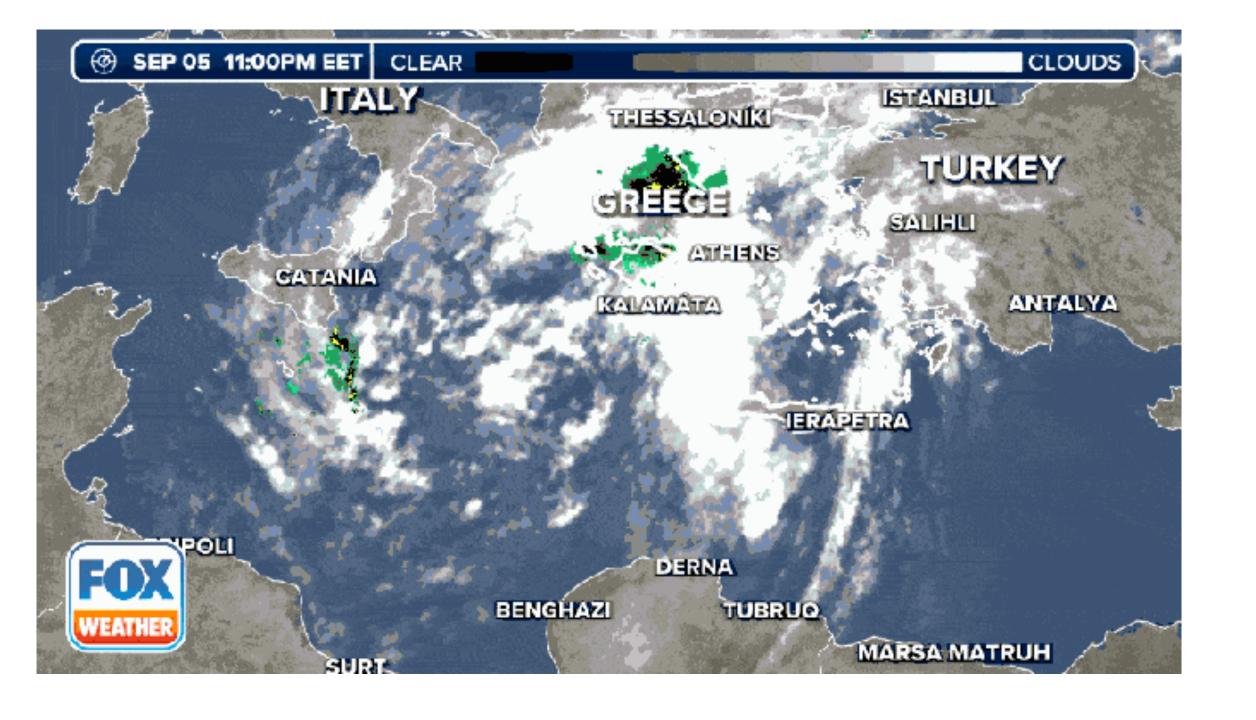
The growth in China's GDP was fuelled by investments, not domestic consumption. While

in May 2023.

many economies have followed an investment wed an investment-driven model. China's reliance on it nearly 50% of its GDP, while household consumption in 2010 was just 34%

People killed in Libya freak floods due to storm Daniel

Freak floods in eastern
Libya as a result of storm
Daniel has swept the
Mediterranean. Experts have described the
storm as "extreme in terms of the amount
of water falling in a space of 24 hours". AFP





Independence from Italy					
 Independence declared 	10 February 1947				
Kingdom established	24 December 1951				
Coup d'état by Muammar Gaddafi	 September 1969 March 1977 February 2011 				
Socialist People's Libyan Arab Jamahiriya					
First Libyan Civil War					
 NATO invasion of Libya 	19 March 2011				
End of Second Libyan Civil War	23 October 2020				
Area					
• Total	1,759,541 km ² (679,363 sq mi) (16th)				
Population					
2023 estimateDensity	7,252,573 ^[4] (106th) 3.74/km ² (9.7/sq mi) (218th)				
ODD (DDD)	` '				
GDP (PPP) • Total	2023 estimate ▲ \$168.371 billion ^[5] (81st)				
• Per capita	▲ \$24,599 ^[5] (69th)				
GDP (nominal)	2023 estimate				
• Total	▲ \$46.297 billion ^[5] (96th)				
• Per capita	▲ \$6,764 ^[5] (93rd)				
HDI (2021)	▲ 0.718 ^[6] high · 104th				
Currency	Libyan dinar (LYD)				

From Page One

'CBI does not need nod to probe pre-2014 cases'

*Declaration made by the Constitution Bench judgment in Dr. Subramanian Swamp case [of 2014] will have retrospective operation, Section 6A of the BSPE Act is not in force from the day of its insertion, ie, September II, 2003, Justice Villeram Nath, who authored the judgment for the five-

judge Bench, held. Justice Nath also held that Article 20(1), which mandated that a person should only be convicted under a law which was in force at the time of the rime, had "no applicability or relevance to the va lidity or invalidity of Section 6A of the DSPE Act Section 6A of the DSPE Act, while it had existed

gave officers of the rank of joint secretary and above immunity from even facing a preliminary inquiry by the CBI. In 2014, a Constitution Bench had declared the

legal provision a violation of the right to equality

legal provision a violation of the right to equality under Article 14 of the Constitution. "Corruption is an enemy of Hours, Indian and "Corruption is an enemy of Hours, however high he may be, and punishing such person is a ne-cessary mandate under the P.C [Prevention of Cor-ruption] Act, 1988. The status or position of a pu-nishing the properties of the properties of the exemption from equal treatment. The decision-making power does not segregate corrupt officers into two classes as they are common crime-doers of linquity and investigation," the 2014 lytekenent of inquiry and investigation," the 2014 judgment

West Asia corridor a historic step, says PM

"Both sides extended full support to the West Coast refinery project – which is a trilateral pro-ject between ARAMCO, ADNOC and an Indian company – for which \$50 billion are already ear-marked. The new thing that has come up is that the two sides agreed to set up a joint task force to help in identifying and channelising the \$100 bilion investment which was actually promised by the Saudi side half of which was for the refinery, said MEA Secretary Ausaf Sayeed announcing that Delhi and Riyadh would upgrade energy ties to "comprehensive energy partnership". Both sides agreed to work on the India-GCC Free Trade Agreement, said Mr. Saveed. Crown Prince Bir salman had visited India in February 2019 when saudi Arabia had pledged to invest \$100 billion and the investment into the energy project was first mooted during that initiative

Among the eight agreements that were sealed included one between the Central Vigilance Com-mission of India and the Saudi Oversight and Anti Corruption Authority and another between the Saudi and Indian Exim Banks. National Institute of Fechnology of India and the Saline Water Conver-Technology of India and the Saline Water Conver-sion Corporation of Saudi Arabia signed an agree-ment during the visit. After the meeting in Hyder-enbad House with Mr. Modt, Prince Bin Salman ed a banquet dinner hosted in his honour. A joint statement issued at the end of the visit mentioned that the Saudi side had assured India that it would remain a "reliable partner and ex-porter of crude oil supplier." In the two delega-tions "welcomed the expansion of the private sec-tions."

tions "welcomed the expansion of the private sec-tor in the two countries to enter into investment partnerships in the agricultural and food industries". The joint statement stressed on strengthen-ing cooperation in the field of defence and anti-terror cooperation and made a special mention of preventing access to "missiles and drones" to car ry out terror attacks. Indicating the ongoing re-forms in Saudi Arabia, the joint statement mentioned that two sides discussed plans to strengthen the tourism segment of bilateral

Army requested team to visit **Manipur: Editors' Guild to SC**

The guild says its report was prepared by fact-finding team; CJI says this is not a case of somebody having committed an offence; court to examine if guild can approach Delhi High Court for relief

he Editors' Guild of India (EGI) on Mon-day told the Supreme Court that its team had visited Manipur on the Army's invitation to make an "objective assessment" of the "unethical and ex parte reporting" by the lo-cal media.

"We did not volunteer

"We did not volunteer to go there. It is the Army that requested us. We got a letter from the Army," senior advocate Kapl Sibal, for the EG, submitted before the Chandrachud.

The Chief Justice was puzzled why the Army wanted the EGI to go to to go

"They wanted us to

make an objective assess-ment of what is happening on the ground... We pu-blished our report on Sep-tember 2. On September 3 night, we were prosecuted for offences under the In-dian Penal Code. The Chief Minister also makes state-ments against us... How can we be prosecuted for publication of a report,"



objective assessment of what is happening on the ground... we were prosecuted for offences under the Indian Penal KAPIL SIBAL

Mr. Sibal asked the court.
The Chief Justice pointed out to Solicitor-General
Tushar Mehta, for the Manipur government, that
this was a case in which the
entire first information report OFIR was based on a
report by the EGI.
The basic question he [Si-Mr. Sibal asked the court.

The basic question he [Si-bal] is arguing is they have only done a report that may be a matter of their [EGI's] subjective opi-nion... This is not a case of somebody on the ground having committed an ofsomebody on the ground having committed an of-fence... They have pu-blished a report," the Chief Justice said. The Chief Justice further

decided to examine Mr. Si-bal's request to allow the EGI to approach the Delhi High Court, instead of the

said mentions about the

Manipur High Court, with

Manipur High Court, with a plea to quash the FIRs. The court scheduled the case for September 15 to hear this point. Meany the court of sure. "We will not quash the FIRs here... but we will examine whether such a plea could be heard by the Delhi High Court," Chief Justice said. Mr. Mehta initially ob-

jected to the transfer of the case to Delhi, saying the EGI was trying to make it into a "national, political

issue". He asked why the petitioners were insisting on Delhi, and not the States neighbouring Marsi. States neighbouring Mani-pur. He said the Manipur High Court was function-ing regularly and allowed virtual hearing of cases. He Chief Minister was a delib-

political.

Mr. Sibal countered that going to Manipur would be "hazardous" for his clients. "Allow us to prosecute the matter here in Delhi," Mr. Sibal said.

The FIRs have accused EGI president Seema Mustafa, Sanjay Kapoor, Seema Guha and Bharea Buswand and Sharea Buswand provisions of the Indian Parovisions of the Indian Parovisions of the Indian Parovisions. provisions of the Indian Pe-nal Code, including defa-mation, defiling places of worship and criminal con-spiracy. The complaints, based on which the FIRs were registered, accused the EGI report of "incor-rect and false statements". The EGI had maintained

The EGI had maintained that its report was pregarded to the proper deal of the property of the

Several hill villages in Manipur added to valley districts: panel

Vijaita Singh Abhinay Lakshman

Commission for Scheduled Tribes (NCST) has ob-served that several hill villages in Manipur were wrongly included in the valley districts during the Census 2011 exercise It said that in the Book-

It said that in the Book-let of Census of India 2011 and Administrative Atlas, "Manipur has wrongly in-cluded several hill villages

cluded several hill villages under valley districts" and that the issue had been flagged to the State govern-ment by the office of the summer of the summer of the in 2017. Following this, the Reve-nue Department of Mani-pur, in October 2022, soioners of the districts con-cerned to rectify the list of hill villages (around 400) overlapping between the nousal, Kangpokoj, Im-nousal, Kangpokoj, Imnoupal, Kangpokpi, Im-phal West, and Bishnupur, the NCST report noted.

The NCST's report was prepared on a State review of Manipur in December

The withdrawal of the AFSPA, 1958 from

vernment and also took re presentations from the All Tribal Students Union Manipur and the Joint Coordi-nation Committee on Tri-bal Rights in Imphal. The report had also noted that the withdrawal of the Armed Forces Special Pow Armed Forces Special Pow-ers Act (AFSPA), 1958 from the hill areas of Manipur needs to be reviewed tak-ing into account the ground reality of the hill areas as they have become peaceful, as the AFSPA has been withdrawn from 15 been withdrawn from 15 Fricis in the State.

was clear in the First Sche-dule of the Manipur Legis-lative Assembly Order, 1972, and that all boundary disputes had to be settled commend that any order or legislative action issued without the express appro-val of the Hill Areas Com-mittee

Global symposium to discuss the future of farmers' rights

The Hindu Bureau NEW DELHI

President Droupadi Murmu will inaugurate a global symposium on farmers' rights, organised by the Insights, organised by the in-ternational Treaty on Plant Genetic Resources for Food and Agriculture, here symposium is expected to help understand the chal-lenges and opportunities of implementing farmers' A proposal for future work on farmers' rights, includ-ing improving the invento-ble work to be done, is expected to be considered at the symposium. If her The Protection of Flant The Protection Farmers' Rights Authority, the In-

Rights Authority, the Indian Council of Agricultural Research, the Indian Agricultural Research Insti-tute and the National Bu-reau of Plant Genetic Repartners. The organisers said the expected outcome includes increased knowledge and awareness of farmers' rights, shared and disseminated measures,

disseminated measures, best practices, experiences and lessons learned. The meeting will strive for a better understanding of the "interconnectedness of farmers' rights and huof farmers' rights and hu-man rights" and actions that can be opted to pro-mote the realisation of farmers' rights. The organ-isers told pressperons that the programme is expect-ed to contribute to the un-derstanding of the chal-of implementing farmers' of implementing farmers' rights by the signatory countries and other stakeholders. The participants are expected to share in-spiring stories, innovative approaches, effective poli-cies, best practices, know-ledge and experiences.

As pro-Maratha quota activist refuses to relent. Shinde holds all-party meet

Even as pro-Maratha quota activist Manoj Jarange Patil refused to budge from his indefinite hunger strike, Maharashtra Chief Minister made it clear that the State government would not take a hasty decision on the issue of Maratha reser-vation.

While Mr. Patil, whose

strike entered its 14th day, continued to insist that the government must issue government must issue Other Backward Class cer-tificates for all Marathas so that the community could gets benefits now enjoyed by the OBC community. Mr. Shinde held an all-

party meeting in Mumbai to break the impasse under the shadow of intensifying tensions between the Ma-ratha and OBC communi-ties across Maharashtra.

dustry in J&K and Hima-chal, while J&K growers have already undergone



"The State government wants to give the Maratha community a reservation that will be foolproof and any decision in haste. The decision cannot reduce the benefits under reservation of other classes. The State does not want to deceive any community," Mr. Shinde said, adding that the priority would be to get quotas for the Maratha

and jobs. Mr. Shinde appealed to

Mr. Shinde appealed to all Opposition parties ahead of the meeting to avoid politicising the issue. Representatives of the opposition Maha Vikas Aghadi coalition - the Udd-Agrindo Commont - disease par Jaminiers air over have Thackeray-led Shiv Sehara Thackeray-led Shiv Sehara and shur down the Sharad Congress and the Sharad Pawar-led Nationalist Congress Party faction - attended the meeting.

dy.

Lawyer's encounter with

One dead, 10 injured in communal clash in Satara

One person was killed and 10 were injured after they tried to stop the police from interrogating a per-son held for a social media son held for a social media post in Satara district of Maharashtra late on Sun-day night, The posts by an altensions at Pusesawail village, 150 km from Pune, in Khatao tehsil of the "One person has been seriously injured and mui-tiple houses have been set on fire," said a senior pol-Superintendent of Pol-Superintendent of Pol-

ice officer.

Superintendent of Police Sameer Shaikh confirmed the same with *The Hindu* on Monday. "We have put jammers all over

Kashmir Valley's growers are anxious as import duty is relaxed on American apples

Peerzada Ashiq SRINAGAR

decision to relax 20% cus-toms duty on apples im-ported from the U.S. at the recently concluded G-20 the Kashmir Valley littery

The announcement has come in the wake of a dip in apple prices this year.

issues.
"Farmers in Kashmir have always sought 100% duty on apple imports to expend the second of th



distress. They faced huge losses as their input cost in-creased and the crop was sold at cheap rates. Two-thirds of the crop, such as ort duties," Majid Aslam
Cgrade [fruit], is unwortafia, chairperson, All shy of the market and crash print forwers could be diverted for juic-table print for the market and crash Party (PDP), and the care is However, the Jak Horti-table producing and a roll-back of the Centre's a roll-back of the Centre's a roll-back of the Centre's and the producing and a roll-back of the Centre's a roll-back of the Centre's roll-table print for the results of the Centre's roll-table print for the results of the

Marketing Corporation in Sopore remains defunct," Communist Party of India-Marxist (CPI-M) leader M.Y. Tarigami said.

The National Confe-rence (NC), Peoples Demo-cratic Party (PDP), and the Congress bewedermended

should rethink about it. Lo-

should rethink about ft. Lo-cal producers should get the relief, not outsiders, NC vice-president Omar Assembly of the control of the PDP president Mehboo ba Mufti said the move "will have a devastating ef-fect on cal growers in Mek feet on cal growers in Mek huge losses post 2019". "Hope the Prime Minister's Office reconsiders," Ms. "This decision will sechould rethink about it. Lo-cal producers should get he relief, not outsiders," he relief, not outsiders," he relief, not outsiders, and for apple growers to be dutiliant and the move on the said the move on the said the move on the said the move of the control producers, and the said of the licady grapping with early grapping with a said of the country. Official data with the country. Official data with the country. Official data with Rashmir crossed 20 lakh tomes in 2022, and is like-ly to touch 22 lakh tonnes in 2022, and is like-ty to touch 22 lakh tonnes in 2022, and is like-

Americans and other countries, the Centre is

putting its own people in a

tight spot. If not Kashmir, the Centre should have

thought of Himachal and

Uttarakhand. We don't

need apples from outside. We don't need walnuts and

almonds from outside for some cheers. The Centre

strays triggers debate in SC on dangers of dog attacks birth control rules Canine attacks in crowded

The Hindu Bureau

tremendous losses, be it the unfavourable situation or the severe climatic conurban spaces became an ditions," Senior Congress leader Ghulam Ahmad Mir impromptu topic of discus-sion in the Supreme Court said. He urged the Centre to revisit the decision.
The Congress demand-ed a special bailout pack-General Tushar Mehta drawing the attention of Chief lustice of India D.Y. Chandrachud to the recent Chandrachud to the recent tragic death of a 14-year-old boy from symptoms si-milar to rabies after being bitten by a dog in Uttar Pradesh.

Increasing attacks Chief Justice Chandrachud, in turn, related how a clerk working in his office was attacked by stray dogs

are not implemented by the local-level

when the Chief Justice not-iced a lawyer with a freshly bandaged arm in the cour-

bandaged arm in the cour-troom.

The advocate said he had been set upon by a gang of stray dogs.

gang of stray dogs.

to immediately inform the in-house medical care facil-ity to provide him with treatment even as the inci-dent provoked a lively dis-cussion on the increasing pecially on children.

es J.K. Maheshwari and K.V. Viswanathan had agreed to hear the different views on pleas to euthanise "suspected rabid" and "extremely dangerous" stray

Avoid ill-treatment Animal rights activists had said the issue was a delicate one and required to be

cate one and required to be examined legally.

They said animal birth control rules were not strictly implemented by the local authorities and people should not be al-lowed to treat stray dogs lowed to treat stray dogs "rable" or "dangerous".

They said there had been instances of stray dogs hanged or poisoned

Global symposium to discuss the future of farmers' rights

The Hindu Bureau

NEW DELHI

President Droupadi Murmu will inaugurate a global symposium on farmers' rights, organised by the International Treaty on Plant Genetic Resources for Food and Agriculture, here on Tuesday. The four-day symposium is expected to help understand the challenges and opportunities of implementing farmers' rights around the globe. A proposal for future work on farmers' rights, including improving the inventory and charting the possible work to be done, is expected to be considered at the symposium.

The Protection of Plant Varieties and Farmers' Rights Authority, the Indian Council of Agricultural Research, the Indian Agricultural Research Institute and the National Bureau of Plant Genetic Resources are the organising partners. The organisers said the expected outcome includes increased knowledge and awareness of farmers' rights, shared and disseminated measures, best practices, experiences and lessons learned.

The meeting will strive for a better understanding of the "interconnectedness of farmers' rights and human rights" and actions that can be opted to promote the realisation of farmers' rights. The organisers told pressperons that the programme is expected to contribute to the understanding of the challenges and opportunities of implementing farmers' rights by the signatory countries and other stakeholders. The participants are expected to share inspiring stories, innovative approaches, effective policies, best practices, knowledge and experiences.

News

INBRIDE



HC relief to firm in bullet train compensation petition

In a relief to Godrej & Boyce, the Bombay High Court on Monday directed the Maharashtra government to decide on the application by the company seeking enhancement of compensation warded to it for the acquisition of land for the ullet train project. A Division Bench of Justices B.P. Colabawala and M.M. Sathaye was hearing a petition filed by the company seeking a direction to the Mumbai suburban District Collector and the Deputy Collector (land acquisition) of Vikhroli. The court directed the State government authorities to decide on the company's application within 30 days

Anti-drug crusader Parwinder Singh Jhota released from jail

Parwinder Singh 'Jhota', an anti-drug crusader in Police, for the second time in the last six months, removed the charges against him incurred during enemoned the charges against him incurred during that he made a minor boy purchase unauthorised that he made a minor boy purchase unauthorised dosage of a drug from a pharmacy. Mr. Singh and his supporters then went to the chemist and asked his proporters then went to the chemist and asked he boy had given to the chemist. So, the Mansa police booked him for extorting 4400 from the chemist. He returned home on Monday evening to

Presentation criminal Bills by ex-official

Press Trust of India

Monday made a detailed presentation to a parlia-mentary panel on the three Bills introduced in the Lok Sabha to overhaul the colonial-era criminal laws of the country. Mr. Sinha made the pre-sentation to the Parliamen-

sentation to the Parnamen-tary Standing Committee on Home Affairs compar-ing the colonial-era laws with the changes proposed in the Bharatiya Nyaya Sanhita Bill, 2023; the Bharatiya Nagarik Suraksha Sanhita Bill, 2023; and the Bharatiya Sakshya Bill, 2023, that were introduced by the government on the last day of the Monsoon Session. The presentation lasted over 90 minutes with members of the panel seeking clarifications from Mr. Sinha on various as-pects of the three Bills.

pects of the three Bills.
Padmini Singh, Joint Secretary in the Department
of Legal Affairs, and Anupama Nilekar Chandra, Additional Director-General
of the Bureau of Police Research and Development,
also made presentations

Kota Police, coaching centres join hands to help students address mental health issues

The police have launched an initiative to identify students experiencing distress and give them essential support; coaching institutes in Rajasthan town say they will empower students, parents



The police have made a collaborative effort with the coaching institutes to identify the students experiencing distress and hav provided them essential

medical assistance.
All police stations in the
city have been asked to refer such cases to a dedicated specialised unit, student cell, comprising a
team of skilled counsellors.

Features of initiatives



ledge and resources to ad-dress the issue. Mr. Ma-heshwari said a student's journey essentially in-volved numerous stakehol-

Ministry panel Last year, the Union Home

national awards adminis-tered by various Ministries related to science and

medicine and whittled down some of them. The Shanti Swarup

tion", in Kota on Sunday, where the strategies to reduce stuicide rates among the students were disasked not to hesitate in seeking support from psychologists, psychiatrists and counsellors for any land the strategies of the students when the police would help empower the parents and students with the holose would help empower the parents and students with the knowtion" in Kota on Sunday

ment, where loneliness could lead to negative thoughts. He said the young students should constantly interact with the people around them and share their thoughts. The deliberations also focused on the importance

of early detection of dis-tress among students and making interventions to prevent their mental health from deteriorating. Psychiatrist M.L. Agra-

wal said understanding the shift in students' behaviour suicides, while the timely psychological intervention could help avoid such that he be allowed to at-

Court seeks on Ashok Swain's plea

The Hindu Bureau

The Delhi High Court on Monday asked the Centre to respond to a plea by a Sweden-based academic, Ashok Swain, challenging an order by which his granted four weeks' time

Uppsala University, ap-proached the court against the July 30 order, saying a

mother, who lives in India.

proclation and provided and provided and profile with the coaching tragedies.

The partnership of the police with the coaching significant step to cultivate a spirit of togetherness and collective accountability, participants to work for preventing suicides. The participants to work for preventing suicides. The provided properties of the provided provided and provided p

make Mumbai a U.T.: Patole

The Hindu Bureau

Maharashtra Congress chief Nana Patole on Monday alleged that the up-coming special session of Parliament was designed o split Maharashtra and separate Mumbai from the

The Centre has not spelt cial session to be held from immunisation, and that getting vaccinated. Many September 18 to 22. their patients did not wel- (50%) believe that multiple

Survey reveals only 16% of those above 50 took any adult vaccines

Ramya Kannan CHENNAI

While childhood immunisation is rather well accept-ed in the community, what with proper protocols in place for delivery of the primary and booster doses for children, the same level

for children, the same level of acceptance is sorely lacking in the area of adult vaccination, a recent surveintenance of the survey conducted by the Association of Physicians of India (API) and Ipsou in 16 cities among the surveintenance of nation, only 16% had taken any adult vaccines. It appears as if the crucial vacci-nation falls between two stools, as doctors lay the blame on the fact that formal guidelines are not available to enforce adult



come it. The public rea-sons that their doctors do not make firm recommen-dations that they take their vaccines regularly. Inter-estingly, 69% of adults and their caregivers (78%) do their caregivers (76%) do not ask doctors about adult

vaccination because they believe that if they needed Certain misconceptions about adult vaccination al-so hold back adults from regivers feel that there are better ways than vaccina-tion to protect themselves

doctors in recommending vaccination for adults aged 50 years or older," Agam Vora, Secretary, API, said.

"A good deal depends on the doctors that seniors consult. Awareness of the importance of adult vacci-nation is key. But it is still

doses of vaccines can make them dependent on vaccines, and 58% of pa-tients and 62% of their ca-better in cities than it is in rural areas," V.S. Natara-jan, senior geriatrician better in cities than it is in

better ways than vaccination to protect themselves to the survey was conducted with survey was conducted with or older to understand the level of awareness and impact of this condition on patients. Schieges, must be survey was conducted with condition caused by the reactivation of the chicken-pox virus that resides in condition caused by the reactivation of the chicken-pox virus that resides in the receivable was a single vaccination for adults aged to go years of older. "Agam ducted with 1,950 adults above 50 years of age; 400 acreations for adults aged 50 years or older," Agam vaccination for adults aged 50 years or older, "Agam vaccination for adults aged 50 years or older," Agam vaccination for adults aged 50 years of other acreations of the survey was upperferently the process of the survey was upperferently the process of the survey of the survey was the process of the survey was the process of the survey was the process of the survey was upperferently the process of the survey of the survey was the process of the survey was the process of the survey of the survey of the survey of the survey was upperferently the process of the survey of the survey was the survey of the survey was the survey of the survey of the survey of the survey of the survey was the survey of the survey was the survey of the

insist my patients take the pneumonia vaccine. The flu injection must be taken

conducted with 30 adults above the age of 50 years and their caregivers, and 30 doctors, from January Bhatnagar awards were, to February 2023. however, retained.

SUDOKU

This year's awardees constitute 12 scientists be-low the age of 45. They are Ashwani Kumar, CSIR-In-stitute of Microbial Tech-nology; Maddika Subba Reddy, Centre for DNA Fin-reproprinting. Diagnostics resury, Centre for DNA Fin-gerprinting Diagnostics, Hyderabad (Biological Sciences); Akkattu Biju, In-dian Institute of Science, Bengaluru; Debabrata Mai-ti Indian Institute of Toti, Indian Institute of Tech-nology, Bombay (Chemical Sciences); Vimal Mishra, Indian Institute of Technology, Gandhinagar (Earth and Atmospheric Scienc-es); Dipti Ranjan Sahoo, In-

gy, Delhi; Rajnish Kumar, Indian Institute of Technol-Indian Institute or recnno-ogy, Madras (Engineering Sciences); Apoorva Khare, Indian Institute of Science; Neeraj Kayal, Microsoft Re-Neeraj Kayal, Microsoft Re-search Lab India (Mathe-matical Science); Dipya-man Ganguly, Indian Institute of Chemical Biolo-gy, Rolkata (Medical Sciences); Anindya Das, in-dian Institute of Science. Bosqupta, Tata Institute of Fundamental Research

in the memory of the first and Industrial Research (CSIR), is usually an-nounced on the foundation day of the institution

Shanti Swarup Bhatnagar awards for 2022 announced

After a year's delay, CSIR's

After nearly a year's delay, the Council of Scientific and Industrial Research (CSIR) has publicised the list of winners of the Shanti Swarup Bhatnagar (SSB) awards for 2022, consi-

TH GROSSWORD + 13968 To solve this puzzle colline. get across to cur crossword site. get across to me results in the puzzle colline. get across to me results in the puzzle colline. get across to me results in the puzzle colline.

CM (III)

- Get big as tailor made most loose-fitting (8)
- 10 Missing in action POWS after losing leader spotted by animal 11 Say, European landlord could help in family planning (6,6)

- 51 saints on board, could be counted (8)
 Old band put on trial ignoring law concerning monks (8)
- 18 Arms and legs cut in half and thrown around university at 20 Organization of rules (12)
- 24 Dreamt that I am having a drink with journo (8)
 25 Support a party having some principle to accept a nationalis 26 Ends deaf almost, thus sounds like you will be missed (6)
- A madieural sules from Bhadraich ancestes (4)
- 3 Large animals somehow manage to eat nothing unhealthy in the first place (9) 4 Harry resets unit (of volume) (6)
- 5 Caution: oil spill is slippery, could be misleading (7.8) Anonymous salesmen partying (8) Say, beef served around noon implied... (5)
- ...more enthusiasm with a country (3,7) 12 Live-in boarders on resort accepted again (10)
- 19 Bridal makeup is gross (6)

9 6 8 6 4 6 3 8 23 8 6 2 1 8 DIFFICULTY RATING:







Premai, the root of dharma

God has endowed unique attributes to all of His creations God has endowed unique attributes to all of His creations. Uphobling that uniqueness is called tharma, and it com-typhobling that uniqueness is called tharma, and it com-nd Swannigal said in a discourse that water gives coolness, five emanates heat, mother carris shoulders all things with patience and the sea has an unfathomable depth. One of which is to express love and affection (permal). A duty is cast upon us to render service with warmth. A per-mental herein possibilit samanan?.

It is common to see the endearment between spouses, ween friends, which interliats the world.

ween friends, which interlinks the world.

A person may commit mistakes if he is without tender-heartedness. Damsel Menaka deserted her daughter Sa-

iointhala.

The most dreadful Hiranyakasipu gave all sorts of troubles to his son Prahladha. Ravana had to forsake his pious brother Vibhishana. King Nala deserted his wife Damayan-thi.

Saint Meerabai says, "If we have love and affection in

After a year's delay, CSIR's Shanti Swarup Bhatnagar awards for 2022 announced

The Hindu Bureau

NEW DELHI

After nearly a year's delay, the Council of Scientific and Industrial Research (CSIR) has publicised the list of winners of the Shanti Swarup Bhatnagar (SSB) awards for 2022, considered among the prestigious prizes for science in India.

The prizes were not announced last year, without any official reason being ascribed.

Ministry panel

Last year, the Union Home Ministry constituted a committee to review all the national awards administered by various Ministries related to science and medicine and whittled down some of them.

The Shanti Swarup Bhatnagar awards were, however, retained.



Ashwani Kumar

This year's awardees constitute 12 scientists below the age of 45. They are Ashwani Kumar, CSIR-Institute of Microbial Technology; Maddika Subba Reddy, Centre for DNA Fingerprinting Diagnostics, Hyderabad (Biological Sciences); Akkattu Biju, Indian Institute of Science, Bengaluru; Debabrata Maiti, Indian Institute of Technology, Bombay (Chemical Sciences); Vimal Mishra, Indian Institute of Technology, Gandhinagar (Earth and Atmospheric Sciences); Dipti Ranjan Sahoo, Indian Institute of Technology, Delhi; Rajnish Kumar, Indian Institute of Technology, Madras (Engineering Sciences); Apoorva Khare, Indian Institute of Science; Neeraj Kaval, Microsoft Research Lab India (Mathematical Science); Dipyaman Ganguly, Indian Institute of Chemical Biolo-Kolkata (Medical Sciences); Anindya Das, Indian Institute of Science, Bengaluru; and Basudeb Dasgupta, Tata Institute of Fundamental Research (Physical Sciences).

Foundation day

The Shanti Swarup Bhatnagar (SSB) Prize, instituted in the memory of the first Director-General (D-G) of the Council of Scientific and Industrial Research (CSIR), is usually announced on the foundation day of the institution on September 26.

Motto CSIR-The Innovation Engine of India **Parent** Ministry of Science and institution Technology, Government of India Founder(s) Arcot Ramasamy Mudaliar Shanti Swaroop Bhatnagar **Established** 26 September 1942; 80 years ago **President** Prime Minister of India Director Dr. N. Kalaiselvi ☑ General **Budget** ₹7,144 crore (US\$890 million) $(2021-22)^{[1]}$ **Subsidiaries** 37 laboratories 39 outreach centres 3 Innovation Centres Location Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110 001.

Bhatnagar on a 1994 stamp of India **Born** 21 February 1894 Bhera, Punjab Province, British India (now in Pakistan) Died 1 January 1955 (aged 60) New Delhi, India **Nationality** Indian Alma mater University of the Punjab **University College London Known for CSIR** India Padma Bhushan (1954) Awards **Knight Bachelor (1941) OBE** (1936) Fellow of the Royal Society $(1943)^{[1]}$ Scientific career **Fields** Physical chemistry Colloid chemistry Institutions Council of Scientific and Industrial Research **Banaras Hindu University Thesis** Solubilities of bi- and trivalent salts of higher fatty acids in oils and their effect on surface

tension of oils

15

Kohli's incredible show at the Premadasa Stadium continues



Virat Kohli's remarkable run at the R. Premadasa Stadium in Monday, had scored 128 n.o. (2012), 131 (2017) and 110 n.o. (2017)

CETTING TO WORK

Neesham and Boult included in New Zealand's WC squad



immy Neesham and Trent Boult were included in New Zealand's 15-man squad for this year's tournament in India on (Capt.), Boult, Chap Ferguson, Henry, Latham, Mitchell, Neesham, Phillips, Ravindra.

MAMBA FOREVER

Djokovic honours his close friend Kobe Bryant after his win



he won the US Open, wearing a "Mamba Forever" shirt during the trophy presentation. "I thought about doing this t-shirt a few days ago. I didn't share it with anybody. Kobe was a close friend of mine,

NO STOPPING

Djokovic not setting any limit on Grand Slam titles



Novak Diokovic said he plans to play as long as possible while he is still capable of competing for the big prizes. "I feel good in my own body. Grand Slams have always been the highest goal. I don't play as much in terms of other tournaments so I try to prioritise m

Kohli, Rahul & Kuldeep make it a perfect day

The two classy batters create a string of records en route to their unbroken 233-run partnership and the left-arm spinner scalps five as Rohit's India thumps Babar's Pakistan by 228 runs







Amol Karhadkar

he reserve day was added at the last mi-nute, primarily to ensure the broadcaster gets the most out of a marquee clash between India and Pakistan. And the addition-al day's play resulted in the broadcaster and the Men in

Blue making the most of it. Not only did India regis-ter a facile 228-run win in its opening Super 4s fixture in the Asia Cup against Pa-kistan, but Rohit Sharma

kistan, but Rohit Sharma and Co. have ticked virtually all the boxes it desired for, over two dross Shabman Gil had given India a rollicking start at the R. Premadasa on Sunday, Virat Kohli and K.L. Rahul topped it up in a stylish topped it up in a stylish topped it up in a stylish topped fit up in a stylish topped f total against Pakistan ir

Mammoth target Considering the fact that no team has successfully chased a 301-plus target at the venue, Kohli, who notched up his 47th ODI ton in a nonchalant man ner, and Rahul, who regis tered a stylish hundred o his first competitive outing after a four-month injury Pakistan out of the game

An all-round bowling performance helped India seal the deal with 18 overs seal the deal with 18 overs to spare. The complete per-formance saw Kuldeep Va-daw, who struggled for rhythm against Nepal in the group stage, bamboozle the Pakistan batters after the pacers had cleaned up the top order.

The day saw two rain breaks. While the first one breaks. While the first one delayed the resumption of the game by 100 minutes, the second one – with Pa-kistan reeling at 44 for two in 11 overs – lasted over an hour before the action res-umed for India to persist its quest for excellence.

Forgettable outing Pakistan, on the other hand, had a forgettable day. After losing Haris Rauf's

services to a strain he had on Sunday, Naseem Shah – the pick of the pacers – also couldn't complete his full quota. Later in the chase, Agha Salman top-edged a

Runs
18,426
14,234
13,704
13,430
13,024

FASTEST TO 13,000					
	Inns				
Kohli	267				
Tendulkar	321				
Ponting	341				
Sangakkara	363				
Jayasuriya	416				

HIGHEST PARTNERSHIP (Asia Cup ODIs)

233 * Kohli & Rahul (India vs. Paki-stan, Colombo, RPS, 2023) 224 Hafeez & Jamshed (Pakistan vs. India, Mirpur, 2012)

Rohit Sharma c Faheem b Shadab 56 (490), do4, 4x6), Shubman Gill c Saliman b Afridi 58 (52b, 10x4), Wrat Kohli (not out) 122 (94b, 9x4, 3x6), KL. Rahul (not out) 111 (1906, 12x4, 2x6); Extras (w-8, nb-1); 9; Total (for two wkts. in 50 overs); 356. (fitikhar, 29.3), 8-128 (Faheem, 31.6).

FALL OF WICKETS 1-121 (Rohit, 16.4 overs), 2-123 (Gill, 17.5).

PAKISTAN BOWLING PAKISTAN BOWLING
Afridi 10-0-79-1, Nassem
9.2-1-53-0, Faheem 10-0-74-0,
Rauf 5-0-27-0, Shadab 10-1-71-1,
iftikhar 5-4-0-52-0.
PAKISTAN

PAKISTAN
Fakhar Zaman b Kuldeep 27
[50b, 2e4], Imam-ul-Higi c Gill b
Bumrah 9 [18b, 1e4], Babar Azam
b Hardik 10 (2eb, 2e4),
Mohammad Rizwan c Rahul b
Shardul 2 (5b), Agha Salman Ibw
b Kuldeep 23 [12b, 2e4], Iffelhar
Ahmed c & b Kuldeep 23 (35b). Ahmed c & b Kuldeep 23 (3Sb, Lv4), Shadab Khan c Shardul b Kuldeep 6 (10b), Faheem Ashraf b Kuldeep 4 (12b), Shaheen Shah Afridi (not out) 7 (6b, 1x6); Naseem Shah and Haris Rauf absent hurt; Extras (lb-3, w-14): 17; Total (in 32 overs): 128.

miss Babar Azam. The Pa-kistan captain had no answ-ful and the particular of the con-ting of the control of the con-ting of the control of the con-servation of the control of the suffice of the control of the suffice of the control of the con-mad Riewan's back. Then on, for the remaining right, the Pakistan middle- and lower-order was made to look mediocre by Kuldeep's

with the two injured pacers not taking the field, Kuldeep wound up the game by getting through Fa-heem Ashram's defence and earned a deserving fif-350-run mark.
Once Jasprit Bumrah
had forced Imam-ul-Haq to
nick one to Gill at second
slip, Hardik Pandya bowled
the ball of the day to diser. The early finish also gave India additional rest before readying itself for Tuesday's clash against Sri Lanka.

FALL OF WICKETS 1-17 (Imam, 4.2), 2-43 (Babar, 10.4), 3-47 (Rizwan, 11.4), 4-77 (Fakhar, 19.2), 5-96 (Salman, 23.6), 6-110 (Shadab, 27.4), 7-119

INDIA BOWLING Burnah 5-1-18-1, Siraj 5-0-23-0, Hardik 5-0-17-1, Shardul 4-0-16-1, Kuldieep 8-0-25-5, Jadeja 5-0-26-0. Toss: Pakistan.

India won by 228 runs.

TODAY'S MATCH SUPER 4s

Sii Lanka Cricket Colombo 3 00 n m IST



With Slam No. 24, Djokovic is at the gates of uncharted territory

minutes, a test of tenacity as much as talent amid a US Open final as exhausting as

Open final as exhausting as it was exhibitariting. Novak 190kovic and Danili Medves 190kovic and Danili Medves 190kovic and Danili Medves 190kovic and Paris 190kovic and Polokovic apirulated by 190kovic apirulated by 190kovic and 190kovic apirulated by 190kovic and 190kovic and

the entertainment. Using every ounce of his energy and some serve-and-volley guile – an old man with new tricks - Djo-kovic emerged a 6-3, 7-6(5), 6-3 victory over Medvedev at Flushing Meadows to claim a historic 24th Grand Slam title on Sunday night in a match more closely contested than the straightset score indicated.

"I never imagined that I would be here standing with you talking about 24 Slams. I never thought that

Djokovic, the tournament's oldest male champion in

the Open Era.
"But the last couple of years, I felt I have a chance, I have a shot at history, and why not grab it if it's pre sented?" He moved one Major singles title ahead of Serena Williams and is the Serena Williams and is the first player to win 24 in the Open Era. Margaret Court also collected a total of 24, but 13 of those came before professionals were admit-ted to Slam events.

There were snapshote, par-there were snapshote, par-there were snapshote, par-for a second set, when it ap-peared Djokovic was falter-ing. After some of the most were many – he would lean over with hands on knees or use his racquer for sup-legs. "That's Novak," Med-vedev said. "No matter what, he can be there."

There was an inescapa-ble sense, on the part of the participants and any observer, that whichever man succumbed in the second set would be unable to overcome it.
"I don't think I have ever played a longer set in my life," Djokovic said.

segment of the match? "Oh, regrets, for sure," he said. "Should have won it." The Russian came within a sin-

gle point of taking that set while returning at 6-5. Djokovic rushed the net behind his serve, and while Medvedev had an opening for a backhand passing shot for a backhand passing shot by hitting it down the line, he instead went cross-court, and Djokovic had it covered. In the tiebreaker, Djokovic grabbed the next three points. One key adjustment: When Djokovic was looking more beferingiled, he not his usual factic. He won not his usual factic. He won 20 of 22 points he played

20 of 22 points he played that way, and 37 of 44 over-all on the points when he went to the net, some with spectacular volleys or half-volleys at angles a pool shark would appreciate.

Rigid tactics

Medvedev never coun-tered, "I should have been less stubborn," said the 27-year-old. This was the Russian's fifth Major final and he is 1-4, with two losses apiece to Djokovic and Rafael Na-dal

Flushing Meadows, stop-ping a bid for the first men's Grand Slam in more than a half-century. weighed on

Djokovic. Cool head

"I really did my best in the last 48 hours not to allow the importance of the mo-ment and what's on the line ment and what's on the line get to my head," Djokovic said. "Two years ago that's what happened, and I un-derperformed." The Serb's fourth cham-pionship in New York, where he was unable to

where he was unable to compete a year ago be-cause he wasn't vaccinated against COVID-19, goes alongside 10 trophies from the Australian Open, seven from Wimbledon and three from the French Open, extending his lead among men. Nadal is next with 22; Roger Federer retired with

When it was over, Medvedev tapped Djokovic on the chest as they talked at the net. Diokovic flung his racket, put his arms up and then knelt on the court, head bowed. Then he

Djokovic's march towards sporting immortality

,																
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Australian Open	W	QF	QF	W	W	w	QF	w	w	2R	4R	w	W	W	A	W
French Open	SF	3R	QF	SF	F	SF	F	F	w	QF	QF	SF	F	W	QF	W
Wimbledon	2R	QF	SF	W	SF	F	w	w	3R	QF	W	w	NH	W	397	F
US Open	SF	SF	F	W	F	F	SF	w	F	A	W	4R	4R	F		W

'24 feels as great as one'



Well done again.
Novak. I'm sure 24
feels as great as one,
especially when
you have fought so
hard to get where you are and

to stay there against a growing tide of challengers. You were on high alert tonight against a quality player in Daniil. Take another bow, champ!

NOVAK DJOKOVIC !!!!!! Speechless

SANIA MIRZA Undeniable greatness!!! What

VICTORIA AZARENKA Congratulations to 24x Grand Slam champion, @DjokerNole, the Men's Singles Champion of the US Open!

The stats don't stop GENIE BOUCHARD

Idemo-champion!!!

Thank you for the last 2 weeks New York! You were great. Not the result we hoped for today. DANIIL MEDVEDEV

M NO-NOE



Unimaginable: Using every ounce of his energy and some serve-and-volley guile — an old man with new tricks — Djokovic emerged a 6-3, 7-6(5), 6-3 victor over Medvedev in a match more closely contested than the straight-set score indicated. GETTY IMAGES

With Slam No. 24, Djokovic is at the gates of uncharted territory

24 GRAND SLAM WINS FROM 36 FINALS

HOW DJOKOVIC HAS REWRITTEN HISTORY

10: AUSTRALIAN OPEN



Wins: 2008, '11, '12, '13, '15, '16, '19, '20, '21, '23

RUNNER-UP: NONE

3: FRENCH OPEN



Wins: 2016, '21, '23 RUNNER-UP: 2014, 2015, 2020

FACTS SIGNIFYING GREATNESS:

- Only player to win at least three titles at each Grand Slam tournament
- Only second player to win 10 titles at a single Grand Slam tournament at Australian Open (Nadal has won 14 French Opens)
- Oldest men's singles player to win French Open and US Open
- Only player to hold all four Grand Slam titles at the same time (2015-16)
- Only player to end seven different years as World No. 1
- Won each of the nine Masters 1000 tournaments at least twice (no other player has even won them once)
- Reached at least the final in exactly half (36) of his 72 Grand Slam tournament entries

7: WIMBLEDON



Wins: 2011, '14, '15, '18, '19, '21, '22
RUNNER-UP: 2013, 2023

4:US OPEN



Wins: 2011, '15, '18, '23 RUNNER-UP: 2007, 2010, 2012, 2013, 2016, 2021



G.O.A.T NUMBERS

24

Record 24 Grand Slam titles

39

36 Record 36 Grand Slam finals

Record Masters 1000 titles

Record 47 Grand

Slam semifinals

Record no. of weeks at World No. 1

♦ The Indian **EXPRESS**



On immunity to senior govt officers, SC says '14 ruling retrospective

XPRESS NEWS SERVICE

ision in the Delhi Special Police stablishment (DSPE) Act, 1946, hich made central governmen nction mandatory for the CBI prosecute officers of the rank Fjoint Secretary and above, will and nullified from September I, 2003, when it was inserted in the Act, the Supreme Court ruled tonday

ench presided by Justice S K aul said that its 2014 judgment on of India case, in which tion 6A(1) of the DSPE Act

ection 6A(1) of the DSnr. Act as held as invalid, will have ret-spective effect.

The question before the ench, also comprising Justices anjiv Khanna, A S Oka, Vikram ath and J K Maheshwari, was onal court would have retro ctive effect or would apply spectively". The bench, which went into

ious rulings on the matter, con-ded that "from the...discussion, crystal clear that once a law is lared to be unconstitutional, ing violative of Part-III of the astitution, then it would be eld to be void ab initio, stillborn nenforceable and non est in viev Article 13(2) of the Constitution d its interpretation by authori-ive pronouncements."

Thus, the declaration made the Constitution Bench in the

held to be not in force from th

Article 13(2) states that "the



MOROCCO TOLL CROSSES 2,600; AID REACHES REMOTE AREAS KIM TO VISIT RUSSIA

CLOSE TO 100 MESSAGES SHOW REGULAR EXCHANGE BETWEEN THE TWO IN MAY-JUNE 2022

Asian Cup prelims: India football coach gave details of players to astrologer, picked team on his advice

Coach Stimac says football federation introduced astrologer Sharma; ex-official said Sharma was paid 'Rs 12-15 lakh'

announced: TB to astrophysics

or 11 June. Kick off time is at

BENGALURU, NEW DELHIL SEPTEMBER 11

AFTER BEING held back for a

AFTER BEING held back for a year, the country's top annual science prize, the Shanti Swarup Bhatmagar Awards, that have cel-ebrated and nurtured the best science talent under 45, were an-nounced Monday.

nounced Monday.

The awards for 2022 were declared at an unrelated low-key.

20.30."
ON JUNE 9, 2022, 48 hours before India were scheduled to face Afghanistan in a crucial Asian Cup qualifier in Kolkata, national football team coach too

Stimac sent this message to Bhupesh Sharma, an astrologer from Delhi NCR, who was introduced to him by a top All India Football Federation (AIFF) offi-cial, The Indian Express has learnt.

The "list" Stimac referred to

replied with his remarks against each name: "Good"; "can do very well. Needs to avoid over confidence"; "a below average day"; "a very good day for him but

egory. Khare has authored a book titled Matrix Analysis and

Vimal Mishra of IIT-

Gandhinagar, the sole awardee in the earth and planetary sci-ences category, was on his way to Beijing when he came to know about the prize. "I am

CONTINUED ON PAGE 2

COACH 6-9-12. Always 2 days prior to the game ASTROLOGER: Ok so I will be there from 6th to 14th ASTROLOGER: Ok let me check ASTROLOGER: The day is in the following order for the four of them [proceeds to list the four name:

After 1-yr pause, top science prizes Centre plans to open TRAI chairperson's post to private sector

SOUMYARENDRA BARIK

specific requirements to enable senior corporate executives to become the chairperson of the Telecom Regulatory Authority of India (TRAI).

India (TRAI).

According to the changes being considered under the upcoming Telecommunications.

Bill, the amendment could specify that the regulator's chairperson can be from the private sector. A senior government official said the requirements for the nost could include individuals. post could include individuals from the private sector who have



to the Data Protection Board of India.

chief executive officer, with pro-fessional experience of at least 30 years.

Post-G20, India and Saudi Arabia

STATE VISIT: 8 PACTS SIGNED

build on corridor. strategic ties

Agreements on energy to connectivity; will work to create future for both: MBS



President Droupadi Murmu, PM Narendra Modi and Saudi Arabia's Crown Prince and PM Mohammed bin Salman at the Rashtrapati Bhavan on Monday. And Sharma

SHUBHAJIT ROY NEW DELHI, SEPTEMBER 11

DAYS AFTER the India-Middle East-Europe Economic Corridor (IMEC), an ambitious infrastruc-(IMBL.), an ambitious initiativa-ture project to connect india to the project to connect india to welled at the G20 Summit, India and Saudi Arabia on Monday signed eight agreements to boost cooperation in a range of areas — from energy to intercon-nectivity, digitalisation and elec-

nan Bin Abdulaziz Al-Sa on Monday after the conclusi

on Monday after the concuss of the G2D Summit.

G2D Summit.

G2D Summit.

G3D Summit.

G4D Summit.

G5D Summit.

G6D Summit.

G6D Summit.

G7D Summi



ical sciences, mathematics and

engineering sciences - while one each was picked in the fields

of earth and planetary sciences, and medical sciences. "The award has given me fresh impetus to keep continu-

IN CONVERSATION

Actor Kareena Kapoor in conversation with The Indian Express's Entertainment Editor Jyoti Sharma Bawa and National Features Editor Devyani Onial at the Express Adda in Mumbai on Monday. Pradip Das





Better infrastructure, airport link boost tourist footfall in Amritsar

KAMALDEEPSINGH BRAR

THE RISE AND RISE OF AMRITSAR

GOLDEN TEMPLE* 1.5 lakh 2022 Source: SGPC

11 66 lakh 22.4 lakh 2022 130

OCKING AT the sea of deunteer at the Golden Temple during the day — 1 lakh daily on average — Shiv Dular Singh Dhillon, the for-Shiv Dular Singh Dhillon, the for-mer Deputy Commissioner of Amritsar, decided that it would be easier to payobeisance in the dead of night instead. But standing out-side the gurdwara at 1.30 am, CONTINUED ON PAGE 2

AIRPORT PASSENGERS

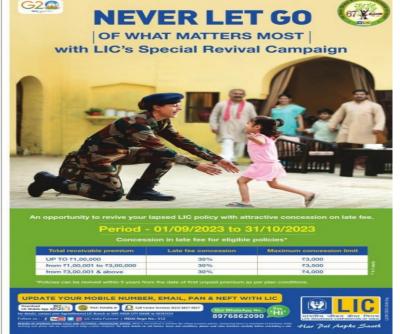
Quiet revolution in Jharkhand district as women learn to read and write



BHISHEKANGAD



able transformation taking place. In the heart of Dumka, thou-sands of women who could not read or write are now finding their voice, thanks to an adult littheirvoice, thanks to an adult lie-eracy programme that has touched 13,000 lives and count-ing. With 450 instructors, the programme is part of a Niti Aayog initiative to help certain aspirational districts, which out-performed on several indicators, by giving them money to imple-ment a scheme of their choice. Dumka which is one such di Mary Baski takes a class in Dumka's Karanpura. Abhishek Angad trict, had sent a proposal to Niti
CONTINUED ON PAGE 2





- Recently, the Delhi High Court has issued an interim order directing members of the Federation of Hotel and Restaurant Association of India (FHRAI) to replace the term 'Service Charge' with 'staff contribution' while adding that the amount charged should not exceed 10% of the total bill.
- हाल ही में, दिल्ली उच्च न्यायालय ने एक अंतरिम आदेश जारी किया है जिसमें फेडरेशन ऑफ होटल एंड रेस्तरां एसोसिएशन ऑफ इंडिया (एफएचआरएआई) के सदस्यों को 'सेवा शुल्क' शब्द को 'कर्मचारी योगदान' से बदलने का निर्देश दिया गया है, साथ ही यह भी कहा है कि ली जाने वाली राशि 10% से अधिक नहीं होनी चाहिए। कुल बिल का.

What is the Case About?

• Background:

- The order was passed on pleas filed by the National Restaurant
 Association of India (NRAI) and the FHRAI, challenging the July, 2022,
 guidelines issued by the Central Consumer Protection Authority
 (CCPA) .
- The CCPA guidelines stipulated that service charges should not be collected from consumers under any other name, and they should be optional and voluntary.

- मामला किस बारे में है?
- पृष्ठभूमिः
- यह आदेश नेशनल रेस्तरां एसोसिएशन ऑफ इंडिया (एनआरएआई) और एफएचआरएआई द्वारा दायर याचिकाओं पर पारित किया गया था, जिसमें केंद्रीय उपभोक्ता संरक्षण प्राधिकरण (सीसीपीए) द्वारा जारी जुलाई, 2022 दिशानिर्देशों को चुनौती दी गई थी।
- सीसीपीए दिशानिर्देशों में कहा गया है कि उपभोक्ताओं से किसी अन्य नाम के तहत सेवा शुल्क एकत्र नहीं किया जाना चाहिए, और वे वैकल्पिक और स्वैच्छिक होने चाहिए।

- Alternatively, they could request that the eatery remove the service charge from the bill.
 - A complaint against unfair trade practices could also be lodged electronically with the Consumer Commission through the eDaakhil portal for speedy redressal or otherwise.
- The guidelines also prohibited the addition of service charges to the bill automatically, without informing consumers.

वैकल्पिक रूप से, वे अनुरोध कर सकते हैं कि भोजनालय बिल से सेवा शुल्क हटा दे।

अनुचित व्यापार प्रथाओं के खिलाफ शिकायत शीघ्र निवारण या अन्यथा के लिए eDaakhil पोर्टल के माध्यम से उपभोक्ता आयोग के साथ इलेक्ट्रॉनिक रूप से भी दर्ज की जा सकती है।

दिशानिर्देशों में उपभोक्ताओं को सूचित किए बिना, बिल में स्वचालित रूप से सेवा शुल्क जोड़ने पर भी रोक लगा दी गई है।

- What is CCPA?
- It was established under the Consumer Protection Act (CPA) of 2019.
- It is empowered to regulate abuses of consumer rights, unfair trade practices, and false or misleading marketing that are detrimental to the public's interest.

- सीसीपीए क्या है?
- इसे 2019 के उपभोक्ता संरक्षण अधिनियम (सीपीए) के तहत स्थापित किया गया था।
- इसे उपभोक्ता अधिकारों के दुरुपयोग, अनुचित व्यापार प्रथाओं और जनता के हित के लिए हानिकारक झूठी या भ्रामक मार्केटिंग को विनियमित करने का अधिकार है।

- It has authority under **Section 18 of the CPA**, 2019 to safeguard, promote, and, most importantly, defend consumers' rights and prevent violations of their rights under the Act.
- Further, enhances consumer rights and makes sure that no person engages in unfair trade practices, it is also empowered to issue guidelines to enforce the rights of the consumers.
- इसके पास सीपीए, 2019 की धारा 18 के तहत उपभोक्ताओं के अधिकारों की सुरक्षा, प्रचार और, सबसे महत्वपूर्ण, रक्षा करने और अधिनियम के तहत उनके अधिकारों के उल्लंघन को रोकने का अधिकार है।
- इसके अलावा, यह उपभोक्ता अधिकारों को बढ़ाता है और यह सुनिश्चित करता है कि कोई भी व्यक्ति अनुचित व्यापार प्रथाओं में संलग्न न हो, इसे उपभोक्ताओं के अधिकारों को लागू करने के लिए दिशानिर्देश जारी करने का भी अधिकार है।

Crown Shyness

- Crown shyness is a phenomenon common in temperate deciduous forests, where the tops of some trees do not touch each other, creating gaps of sky between them.
- It is observed in many species of trees, such as black mangrove, camphor, and Japanese larch.
- शीतोष्ण पर्णपाती जंगलों में मुकुट शर्मीलापन एक आम घटना है, जहां कुछ पेड़ों के शीर्ष एक-दूसरे को नहीं छूते हैं, जिससे उनके बीच आकाश का अंतराल बन जाता है।
- यह पेड़ों की कई प्रजातियों में देखा जाता है, जैसे कि ब्लैक मैंग्रोव, कपूर और जापानी लार्च।

- Scientists have different hypotheses to explain why crown shyness happens, such as reducing competition for light, preventing disease transmission, or avoiding physical damage from wind.
- Crown shyness creates intricate patterns and enhances light penetration in the forest.
- वैज्ञानिकों के पास यह समझाने के लिए अलग-अलग परिकल्पनाएं हैं कि क्राउन शर्मीलापन क्यों होता है, जैसे प्रकाश के लिए प्रतिस्पर्धा को कम करना, बीमारी के संचरण को रोकना, या हवा से होने वाली शारीरिक क्षति से बचना।
- 🗣 क्राउन शर्मीलापन जटिल पैटर्न बनाता है और जंगल में प्रकाश के प्रवेश को बढ़ाता है।



The Phase II of Varuna-23, the bilateral naval exercise between the Indian and French Navies, took place in the Arabian Sea.

This exercise involved guided missile frigates, tankers, Maritime Patrol Aircraft, and integral helicopters from both sides.

Varuna, which began in 1993 and was officially named in 2001, has evolved over the years into a symbol of the strong strategic relationship between India and France.

भारतीय और फ्रांसीसी नौसेनाओं के बीच द्विपक्षीय नौसेनिक अभ्यास वरुणा-23 का दूसरा चरण अरब सागर में हुआ।

इस अभ्यास में दोनों पक्षों के निर्देशित मिसाइल फ्रिगेट, टैंकर, समुद्री गश्ती विमान और अभिन्न हेलीकॉप्टर शामिल थे।

वरुणा, जो 1993 में शुरू हुआ और आधिकारिक तौर पर 2001 में नामित किया गया था, पिछले कुछ वर्षों में भारत और फ्रांस के बीच मजबूत रणनीतिक संबंधों के प्रतीक के रूप में विकसित हुआ है। Other defence Exercises between India and France:

Varuna – Naval exercise

Desert Knight-21 and **Garuda** (Air exercise)

Shakti – Army exercise

Mandatory Hallmarkin

Source: PIB



The third phase of mandatory hallmarking in India, starting from September 8, 2023, will include an additional 55 districts, bringing the total number of districts covered under this system to 343.



What is Hallmarking?



Hallmarking is like a quality stamp for jewellery and precious metal items. It tells you how pure or good the metal is.



The principal objectives of the Hallmarking Scheme are to protect the public against adulteration and to obligate manufacturers to maintain legal standards of fineness.

- 8 सितंबर, 2023 से शुरू होने वाले भारत में अनिवार्य हॉलमार्किंग के तीसरे चरण में अतिरिक्त 55 जिले शामिल होंगे, जिससे इस प्रणाली के तहत कवर किए गए जिलों की कुल संख्या 343 हो जाएगी।
- हॉलमार्किंग क्या है?
- हॉलमार्किंग आभूषणों और कीमती धातु की वस्तुओं के लिए एक गुणवत्ता वाले टिकट की तरह है। यह आपको बताता है कि धातु कितनी शुद्ध या अच्छी है।
- हॉलमार्किंग योजना का मुख्य उद्देश्य जनता को मिलावट से बचाना और निर्माताओं को सुंदरता के कानूनी मानकों को बनाए रखने के लिए बाध्य करना है।

Hallmarking in India:

- At present two precious metals **namely gold and silver** have been brought under the purview of Hallmarking.
- Mandatory hallmarking order is applicable on 14, 18 and 22 carats of gold jewellery/artefacts only.
- BIS assigns a unique HUID (Hallmarking Unique ID) number to all hallmarked items
- Consumers can verify the authenticity of hallmarked items using the 'verify HUID' feature in the BIS Care app.

- भारत में हॉलमार्किंग:
- फिलहाल दो कीमती धातुओं सोना और चांदी को हॉलमार्किंग के दायरे में लाया गया है।
- अनिवार्य हॉलमार्किंग आदेश केवल 14, 18 और 22 कैरेट सोने के आभूषणों/कलाकृतियों पर लागू है।
- बीआईएस सभी हॉलमार्क वाली वस्तुओं को एक अद्वितीय एचयूआईडी (हॉलमार्किंग यूनिक आईडी) नंबर प्रदान करता है
- उपभोक्ता बीआईएस केयर ऐप में 'सत्यापित एचयूआईडी' सुविधा का उपयोग करके हालमार्क वाली वस्तुओं की प्रामाणिकता को सत्यापित कर सकते हैं।

- What is the Hallmarking scheme?
- Under the Hallmarking scheme of the Bureau of Indian
 Standards(BIS), Jewellers are registered for selling hallmarked jewellery and recognised testing and hallmarking centres.

•

 Mandatory Hallmarking of Gold Jewellery: Mandatory Hallmarking of Gold Jewellery has come into force from June 2021. In the first phase, mandatory hallmarking was implemented in 256 districts of the country with effect from 23 June 2021 and in the second phase additional 32 districts were covered.

- क्या है हॉलमार्किंग योजना?
- भारतीय मानक ब्यूरो (बीआईएस) की हॉलमार्किंग योजना के तहत, ज्वैलर्स को हॉलमार्क वाले आभूषण बेचने और मान्यता प्राप्त परीक्षण और हॉलमार्किंग केंद्रों के लिए पंजीकृत किया जाता है।
- सोने के आभूषणों की अनिवार्य हॉलमार्किंग: सोने के आभूषणों की अनिवार्य हॉलमार्किंग जून 2021 से लागू हो गई है। पहले चरण में, 23 जून 2021 से देश के 256 जिलों में अनिवार्य हॉलमार्किंग लागू की गई थी और दूसरे चरण में अतिरिक्त 32 जिलों को कवर किया गया था।

Timor-Leste Source:

India's Prime Minister Narendra Modi has announced the opening of an Indian embassy in Dili, the capital city of Timor-Leste, during the 20th ASEAN-India Summit in Jakarta.

भारत के प्रधान मंत्री नरेंद्र मोदी ने जकार्ता में 20वें आसियान-भारत शिखर सम्मेलन के दौरान तिमोर-लेस्ते की राजधानी डिली में एक भारतीय दूतावास खोलने की घोषणा की है।

- Timor-Leste is a Southeast Asian nation occupying half the island of Timor and is ringed by coral reefs teeming with marine life.
- It comprises the eastern half of the island of Timor, of which the western half is administered by Indonesia, the exclave of Oecusse on the island's north-western half, and the minor islands of Atauro and Jaco.
- Australia is the country's southern neighbour, separated by the Timor Sea.
- तिमोर-लेस्ते एक दक्षिण पूर्व एशियाई राष्ट्र है जो तिमोर द्वीप के आधे हिस्से पर कब्जा करता है और समुद्री जीवन से भरपूर प्रवाल भित्तियों से घिरा हुआ है।
- इसमें तिमोर द्वीप का पूर्वी आधा हिस्सा शामिल है, जिसमें से पश्चिमी आधा हिस्सा इंडोनेशिया द्वारा प्रशासित है, द्वीप के उत्तर-पश्चिमी आधे हिस्से पर ओक्यूसे का एक्सक्लेव और अटाउरो और जैको के छोटे द्वीप शामिल हैं।
- ऑस्ट्रेलिया देश का दक्षिणी पड़ोसी है, जो तिमोर सागर से अलग होता है।

- Timor-Leste was a Portuguese colony until 1975, followed by Indonesian rule after the conflict. In 1999, it gained independence through a UN-sponsored act and became the 1st sovereign state of the 21st century (in 2002)
- 1975 तक तिमोर-लेस्ते एक पूर्तगाली उपनिवेश था, जिसके बाद संघर्ष के बाद इंडोनेशियाई शासन आया। 1999 में, इसे संयुक्त राष्ट्र प्रायोजित अधिनियम के माध्यम से स्वतंत्रता मिली और यह 21वीं सदी का पहला संप्रभु राज्य बन गया (2002 में)



Africa Climate Summit 2023

The inaugural Africa
Climate Summit (ACS23) in
Nairobi culminated in
the 'Nairobi Declaration'.

नैरोबी में उद्घाटन अफ़्रीका जलवायु शिखर सम्मेलन (ACS23) का समापन 'नैरोबी घोषणा' के साथ हुआ। The three-day event was hosted by the government of Kenya and the African Union.

Theme: Driving green growth and climate finance solutions for Africa and the World.

The memorandum from the three-day summit, attended by high-level global leaders and over **20 heads** of state and **30,000 delegates**, calls on the global community to act to reduce emissions.

तीन दिवसीय कार्यक्रम की मेजबानी केन्या सरकार और अफ्रीकी संघ द्वारा की गई थी।

थीम: अफ्रीका और विश्व के लिए हरित विकास और जलवायु वित्त समाधान को बढ़ावा देना।

तीन दिवसीय शिखर सम्मेलन का ज्ञापन, जिसमें उच्च-स्तरीय वैश्विक नेताओं और 20 से अधिक राष्ट्राध्यक्षों और 30,000 प्रतिनिधियों ने भाग लिया, वैश्विक समुदाय से उत्सर्जन को कम करने के लिए कार्य करने का आह्वान किया। Various stakeholders, including governments, the private sector, multilateral banks, and philanthropists have made substantial commitments totalling a remarkable \$23 billion for green growth, mitigation, and adaptation efforts across Africa.

The pledges, some directly to Kenya like the €12 million in grants from the European Union (EU) for investment in the green hydrogen industry, are expected to accelerate the continent's green agenda.

One of the big pledges at the summit was a \$4.5 billion finance initiative announced by COP28 president-designate Sultan Al Jaber towards unlocking Africa's clean energy.

सरकारों, निजी क्षेत्र, बहुपक्षीय बैंकों और परोपकारियों सिहत विभिन्न हितधारकों ने पूरे अफ्रीका में हरित विकास, शमन और अनुकूलन प्रयासों के लिए उल्लेखनीय 23 बिलियन डॉलर की पर्याप्त प्रतिबद्धताएं की हैं।

हरित हाइड्रोजन उद्योग में निवेश के लिए यूरोपीय संघ (ईयू) से €12 मिलियन अनुदान जैसे केन्या के लिए सीधे तौर पर की गई कुछ प्रतिज्ञाओं से महाद्वीप के हरित एजेंडे में तेजी आने की उम्मीद है।

शिखर सम्मेलन में बड़ी प्रतिज्ञाओं में से एक अफ्रीका की स्वच्छ ऊर्जा को अनलॉक करने की दिशा में COP28 के मनोनीत अध्यक्ष सुल्तान अल जाबेर द्वारा घोषित \$4.5 बिलियन की वित्त पहल थी।

SSC CGL TIER1 2023 Date-19.july.2023 shift 1 and shift 2 current affairs

The national multidimensional poverty index 2021 (MPI) was released by which of the following?

World Bank

Ministry of Finance

NITI Aayog

Ministry of social justice and empowerment

NITI Aayog

In November 2022, the Union Cabinet, Chaired by the Prime Minister Narendra Modi, approved the naming Greenfield airport at Hollongi itanagar as:

Lopriya Gopinath bordoloi international airport

East siang airport

Changlang Airport

Donyi polo Airport

Donyi polo Airport

According to a written reply to the Lok Sabha by Government of India, as on 20 july 2022, approximately ----- unorganized sector workers are registered on the E-Sharm portal.

27 crores

26 crores

28 crores

25 crores

28 crores

Kamalini and Nalini asthana were conferred the Padma Shri in 2022 for which of the following?

For teaching and propagating kathak globally

For taking Indian cuisine to the world

For Disaster relief working Gujrat

For specializing in the study of Indian sociaty

For teaching and propagating kathak globally

The first phase of the "action plan for the introduction of the Cheetah in India "witnessed" being released in the kuno National park of Madhya Pradesh in september.

10 cheetahs

6 cheetahs

8 cheetahs

12 cheetahs

8 cheetahs

Which of the following state has won the 2022 sontosh Trophy?

Tamil Nadu

west Bengal

Goa

Kerala

kerala

In which of the following sessions of the IOC Executive Board meeting was Brisbane Voted to host the 2032 Olympics and paraolympics?

139th session held in Beijing

138th session held in Tokyo

137th session held in Lausanne

140th session held in India

140th session held in India

Singhraj adhana is associated with which of the following sports events?

Bedminton high jump

Shooting
Discus throw

Shooting

Shri ompraksh Mitharval was in news for being conferred with Arjun award 2022 for his outstanding contribution in which of the following sports?

Wushu
Table Tennis
shooting
Weightlifting

shooting

In which of the following years did India celebrate its 73rd Republic day?





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SALESFORCE COURSE







The course curriculum

Class Number	Module	Topics	Date
1	Basic Knowledge of World Wide Web	What is a Domain & Hosting?	_
2		What is SEO & its techniques?	_
3		Basics of Search Engine & SERP	-
4		Page Speed Factors	_
5		Difference between Portal and Search Engines + Doubt Solving Session	
6	SEO Research & Analysis	Market Research	
7		Keyword Research and Analysis	
8		Competitors Website Analysis	
9		SWOT Analysis of Website	
10		Search engine algorithms + Doubt Solving Session	
11		Content Research	
19		Content Guidelines	

36	Competitors Analysis	How to find your SEO competitors?
37		Competitor Link Analysis
38		What Are Your Competitors Doing?
39		Tracking and Reporting
40		Google analysis
41	Website vs YouTube SEO	Website SEO
42		YouTube SEO
43		Use of Social Media in SEO
44		Web 2.0 Sites
45		Creating Web 2.0 Sites + Doubt Solving Session
46	SEO Must Do Things	56. Blogs to Follow
47		57. Weekly Analysis
48		58. Graphics for SEO
49		59. Google Algorithms
50		60. Doubt Solving & Practice



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