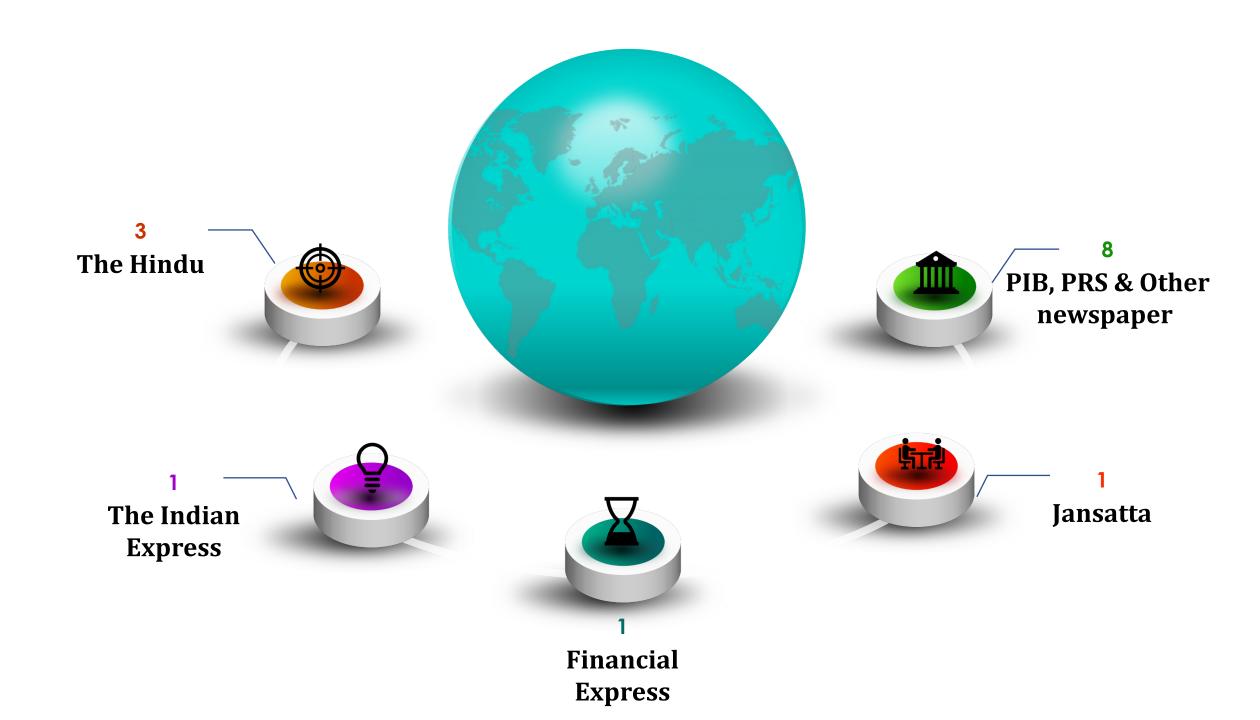
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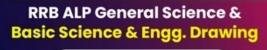


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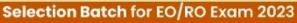


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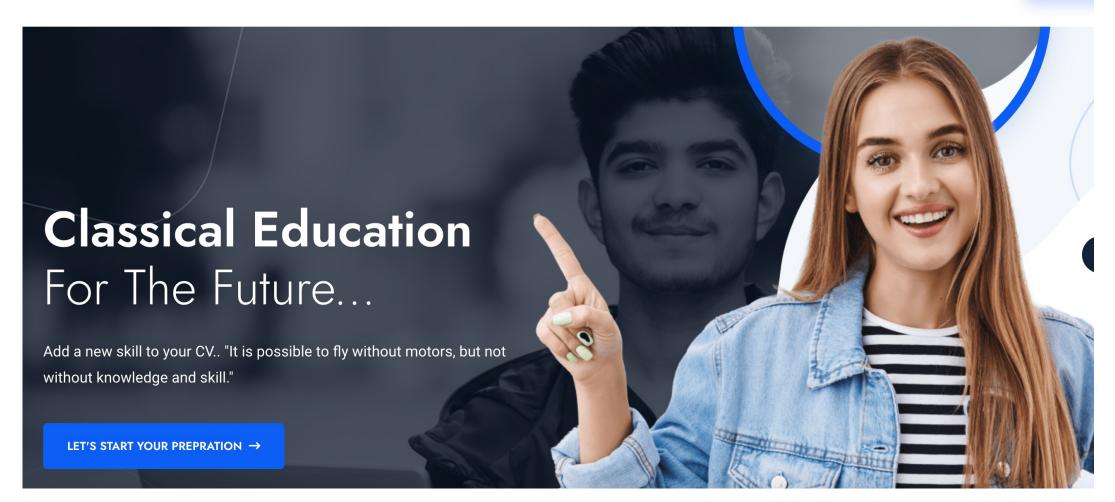
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Railways to overhau station signage

Analysing the verdict and the core issues The 'original party' is a point



Tribal leaders decry poor implementation of FRA

#### Centre against any ethnic division, says Manipur CM

The Centre has ruled out dividing Manipur on ethnic lines, Chief Minister Nongthombam Biren Singh said on Monday. "We met Home Minister

"We met Home Minister Amit Shah in Delhi yester-day [Sunday] to brief him on the situation in Mani-pur. He said the State's ter-ritorial integrity will not be compromised," he told presspersons in Imphal. Mr. Singh said stern ac-man assessment of necessions of a

a suspension of operations agreement against extre-mist groups for possessing weapons illegally. Manipur has some 30 extremist outfits belonging to Kuki-Chin-Zomi group of which 25 are party to the agreement.

CONTINUED ON TRIBAL MLAS MEET SHAH > PAGE 11

## Shivakumar skips Delhi visit; suspense continues

Siddaramaiah claims majority support of MLAs; Congress observers provide feedback from the MLAs-elect to party president Mallikarjun Kharge as the action over CM selection shifts to Delhi

Sandeep Phukan Nagesh Prabhu NEW DELHI/BENGALURU

president 5 Kharge in Delhi.

Congress general secre-tary in charge for Karnata-ka Randeep Surjewala and general secretary (organi-sation) K.C. Venugopal were present in the closeddoor meeting at Mr. Kharg-e's residence where the views of the MLAs-elect were discussed.

Another meeting will take place on Tuesday after Mr. Kharge consults his The top leadership of the party had called both Siddaramalah and Shivakumar for further discussions to Delhi.wu

party colleagues, including Sonia Gandhi and Rabul Sonia Gandhi and Rabul Sonia Gandhi and Rabul Sonia Gandhi and Rabul Sonia Gandhi and Sonia

ed 138 MLAs, including a Congress associate mem-ber and two Independents.

(KPOC) president, D.K. Shi-vakumar, who asserted that he had "delivered Karviklaumar, wind-metser-tex-mataka to the Congress sin-gle-handed". He also showed his displeasure by sing all health. However, the Kurnaraka Congress chief's brother DJK. Suresh, had a late-night meeting with Mr. Khinge, sources said. Congress chief's congress chief could be offered de-puty chief ministership puty chief ministership of his choice. Mr. Shivaka-ori his choice. Mr. Shivaka-ori his choice. Mr. Shivaka-ori his choice. Mr. Shivaka-ori his choice. Mr. Shivaka-mar is expected in Delhi on

mar is expected in Delhi on Tuesday for a meeting with Mr. Kharge and Mr. Siddaramaiah.

The statement did not go down well with the oth-er chief ministerial conten-



Pilot's ultimatum to Gehlot govt.:

AIPUR Congress leader Sachin Pilot on Monday gave an ultimatum to Rajasthan Chief Minister Ashok Gehlot to act in the end of the month. p Page 11

Govt. heat on official handling CM house case

NEW DELHI

The Delhi government has ordered that Vigilance official YOU.J. Rajasekhar, handling the CM residence matter, be removed from all assignments to Page 2

#### Day after disaster



## SEBI denies probing Adani since 2016; + Cong. says Minister misled Lok Sabha

The Hindu Bureau NEW DELHI

The Securities and Ex-change Board of India (SE-BD, in the Supreme Court on Monday, denied as "fac-tually baseless" the allegation that it had been investigating the Adami Group since 2016, triggering a war of words between the Congress and the Finance Ministry.

The SEBI's affidavit, filed on Sunday, distanced the Adami Group from any investigations' from 2016. The affidavit was in response to submissions. tion that it had been inves

response to submissions made by advocate Prashant Bhushan before a three-judge Bench, led by Chief Justice D.Y. Chandra-chud, in a hearing in the Hindenburg-Adani case on

Which is worse misleading Parliament, or being fast asleep as lakhs of investors are duped by alleged money-laundering? JAIRAM RAMESH Congress leader

Friday.

However, Congress leader Jairam Ramesh took to Twitter to compare the market regulator's claim in its affidavit that 'the allegation that SEBI is investigation. ing Adani since 2016 is factually baseless" with a statement made by Minister of State for Finance Pankaj Chaudhary in the Lok Sabha on July 19, 2021.

"The Minister of State for Finance, Pankaj Chaud-hary, had told the Lok Sabha on July 19, 2021 that SE-BI had been investigating the Adani Group, Now SEthe Audino Supported Sacrification of Supported Sacrification of Sacrification Supported Sacrification BI tells the Supreme Court

Hindenburg Research's re port accusing the Adam Group of "brazen stock manipulation and account ing fraud schemes over the

denburg case to July 10.

Unexpected turn
The May 12 hearing took an
unexpected turn when Me.
The May 12 hearing took an
unexpected turn when Me.
The May 12 hearing took
the SEBI had been investigating Adami since 2016.
Solicitor-General Tushar
Mehria vehemently denied
Mr. Bhushan's submission.

#### Turkey faces election run-off

Tayyip Erdogan led com-fortably on Monday after the first round of Turkey's presidential election, with his rival facing an uphill struggle to prevent the Pre sident extending his rule into a third decade in a

into a third decade in a run-off vote on May 28.

Mr. Erdogan's People's Alliance, comprising his Islamins-rooted AK Party and its nationalist partners, appeared set to win a majority in the new Parliament, you have been presidential run-off.

boosting his chances in the presidential run-off.

try," Mr. Erdogan said.

## If law is drafted well, judiciary won't | Mamata offfers to back get opportunity to overstep it: Shah

The Hindu Bureau NEW DELHI

Union Home Minister Amit Shah on Monday said if a law was drafted well, the judiciary would not get an

marks at the inauguration of a training programme on legislative drafting organised by PRIDE and ICPS for officers of Parliament and State legislatures. He said laws should be

He said laws should be drafted in as simple and le clear words as possible because difficult words always created controversy. "Making a law that cannot be disputed for the next 25 years and the court does not need to intervene is a



medal for drafting a good law" Mr Shah said The Home Minister said Article 370 of the Constitu Article 370 of the Constitu-tion that provided special status to the former State of Jammu and Kashmli was a temporary provision and whoever drafted the law was sharp enough to insert the phrase "temporary" in

...The written debates of the time when Article 370 was inserted are not available. Whoever drafted the law was sharp enough to add temporary provision

the Index.

"Any provision in the
Constitution cannot be
temporary. The written detemporary. The written deticle 370 was inserted are
not available. Whoever
drafted the law was sharp
enough to add temporary
provision against it," the
Minister said.

He said the spirit of "our languages" was important and as most laws were drafted in English, many a time the intent of the legis-lator was not reflected in the English version. He added that grey areas left scope for en-croachment and the legis-lation should be drafted in

a manner that reflected the political will of the Cabinet or Parliament. Words should be expanded to sentences.
"Most laws are drafted

"Most laws are drafted in English but to reflect the spirit of our languages is very important. Many times, the intent of the legislator doesn't match with the English translation of the law," he said.

# Congress in other States if it 'sacrifices' its Bengal plans

Two days after the Con-gress registered a massive victory in the Karnataka Assembly election, West Bengal Chief Minister Mamata Banerjee on Monday said her party was willing to support the Congress in other States, if it offered to "sacrifice" its aspirations in Bengal and support the Tri-namool Congress.

amool Congress.
"Wherever the Congress 200 seats that we have car-culated, let them fight, we will support them. But they have to support other polit-



ical parties as well. If I sup-port you in Karnataka, but you fight against me in Bengal, that should not be the policy. If you want to achieve something good, then you have to sacrifice in certain areas," Ms. Ba-nerjee said at a press confe-

election, she said that in places where the regional parties were strong and in a politically dominant posi-tion, the Congress should

Reacting to it, Congress State president Adhir Ran-jan Chowdhury said: "The Congress is quite capable of defeating the Trinamooi

#### IN BRIDE



#### Government doctors told to prescribe only generic drugs

Prescribe only generic medicines and keep away medical representatives from healthcare facilities, the Health Ministry has directed Union facilities, the Health Ministry has directed Union government doctors, citing multiple lapses. The Ministry has said that though all doctors in Union instructed to prescribe generic medicines only, branded medicines are being prescribed. It to hospitals should be completely cutralled and any information about a new launch may be communicated by way of email only.

#### BJP MP booked on charges of abetment to suicide

BJP MP Rajesh Chudasama, representing Junagadh in Gujarat, and his father have been booked by the police on charges of abetment to suicide. A doctor, who allegedly died by suicide in February 2023, is said to have named the duo. Police found a one-line note blaming the MP and his father, who had borrowed more than ₹1.5 crore from the doctor and had not returned the

crore from the doctor and final first returned the sum. The police registered an FIR on the basis of a complaint filed by the doctor's son. No arrest has been made in the case. Those who require assistance for overcoming suicidal thoughts may contact Samphini, Society for Mental Health at 014-4075 9002 (10 a.m. to 7.30 p.m., Monday-Saturdog).

#### ED issues fresh summons to NCP MLA Jayant Patil

The Enforcement Directorate (ED) on Monday The Enforcement Directorate (EL9 on Montages Insued fresh summons to the Maharashtra State president of the Nationalist Congress Party Jayant Paill in connection with the Infrastructure Leasing and Financial Services Limited (ILA FS) money laundering case. Mr Patil, a Cabinet Minister in the previous Maha Vikas Aghadi and a seven-term member of the Legislative Assembly. was issued summons on May 10 and asked to appear before the central agency on May 12. He however sought 10 days time, citing personal and official engagements. His statement is likely to be recorded at the Mumbai office of the ED.

#### ICMR to provide research training to Ayush scholars

The National Institute of Epidemiology, a premier institute of the Indian Council for Medical Research (ICMR), will train Ayush researchers in the fundamentals of basic research, under the Union government's integrative healthcare initiative. The initiative requires ICMR to lead initiative. The initiative requires ICMR to lead research building capacity among Ayush researchers by offering basic training, sharing access to advanced instrumentation systems, and creating a joint database. "ICMR will now lead Ayush researchers while extending online basic research course for all researchers, faculties, and post-graduate scholars of Ayush," said a Health Ministry official. ICMR is the apex body in India for the promotion of biomedical research.

## Railways gets on track to overhaul signage system

Directions to be available at key decision-making points; pictograms for wheelchair assistance, ramps, tourist information, mobile-charging points and escalators have been standardised

be Indian Railways is planning to over-haul the signage system at railway stations for better travelling com-

system at naturely stations fort of passengers, or the basis of fresh design principles.

The principles of the passengers of the principles.

Barrat Station have been selected under the cated in mourist and oll-ingrimage in the progress at 88 stations. Tendering and "Work is in progress at 88 stations. Tendering and 1,187 Stations," a senior Railway official said.

Union Minister for Rail-wasid, "It was felt to issue standard guidelines on sig-standard guidelines on sig-

said, it was left to safe standard guidelines on sig-nage at stations that will be consistent and adequate. The Indian Railways will adopt modern, standard signages which are di-yang-friendly (disabled-friendly)."



The Railways now prioritises simple language, clear font, easy-to-see colours and intuitive pictoriours and intuitive pictoriours and intuitive pictoriours of all passengers, including the elderly, women, children, divivangian etc. The colours of signage, type colours of signage, type standardised," the official said.

standardised," the official said.

The current system of signage is inconsistent and inadequate, it was felt. An internal presentation of lad on providing intuitive

signage at key decision-making points," the official

The concept of grouping of signage has been introgrouping of signage has been introind their way easily.
Grouping would provide the hierarchy of how infortind their way easily.
Grouping would provide the hierarchy of how informore than including trainformation, including trainformation, including traintional information like 
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exit information for water taps, wheelchair assis-tance, ramps, tourist infor-mation, mobile-charging points, escalators etc. have been standardised.

Three railway stations— Rani Kamalapati, Gandhinagar Capital, and Sir M. Visvesvaraya Terminal have already been commissioned along these lines, the official said.

### One-stop centres for zero waste to be launched in cities

#### The Hindu Bureau

In a step towards cutting down waste generation in urban India, the govern-ment will launch one-stop centres where citizens can deposit old clothes, shoes,

deposit old clothes, shoes, books, tooy and plastic that books, tooy and plastic that These special "Reduce, Recycle and Reuser Control of the special "Reduce, Recycle and Reuser Control of the special "Reduce, Recycle and Commercial enterprises these bubs.

The Henns will then be the special that the special results of the special results of

ing to a circular economy, the Ministry of Housing and Urban Powerty Allevia-tion said in a statement on Monday. These "RRR" centres

would be set up as part of a would be set up as part of a nationwide campaign 'Me-ri LiFE, Mera Swachh She-har' ('My Life, My Clean Ci-ty') under the aegis of the Swacch Bharat Mission har' ('My Life, My Clean Ci-ty') under the aegis of the Swacch Bharat Mission -Urban 2.0 (SBM-U 2.0) to The campaign will cul-minate on World Environ-



solve to reduce, reuse and recycle, the Ministry said. The objective of the campaign is to take collec-tive action for the protec-tion and conservation of ing sustainable daily ha-bits. "The 3Rs form the backbone of "Waste to Wealth' and has empo-wered many craftsmen, re-contrepreneurs." entrepreneurs, startups etc. to recycle waste into a host of products," a senior

#### ED freezes assets worth ₹457 crore of businessman

#### The Hindu Bureau

The Enforcement Directo-rate (ED) has unearthed properties estimated at ₹457 crore during searches on the residential and busi ness premises of business-man Santiago Martin and others under the provisions of the Prevention of Money Laundering Act (PMLA), 2002. The investi-

Money Laundering Act
gating agency took steps to
freeze the assets by treating
pating agency took steps to
freeze the assets by treating
Acting on the Central
Bureau of Investigation's final report on the charges
had report on the charges
fortreles of the Governtorreles of the Governthe ED launched a money
haundering investigation
Searches were carried
out on May 11 and 12 in
Colimbatore and Chemial
against Mr. Martin and others under the PMLA.

The premises covered

included the registered of-fice of Future Gaming Solu-tions India Private Limited, Coimbatore, the master distributor of Sikkim Lotteries, the residential pre-mises of Mr. Martin at Coimbatore and the residential premises and busi-ness premises of his family members in Chennai. The ED said in a press re-

members in Chennai.

The ED said in a press in the Martin and his associate companies and entitles had corresponding loss to the Government of Sikkim to the extent of Sikkim to the prize-winning tickets prize-winning tickets prize-winning tickets of the group concerns were second to see the second to five group concerns were secued in the second to five group concerns were secued in the second to five group concerns were secued harasament all-the second to five group concerns were secued harasament all-the second to five group concerns were secued harasament all-the second to five group concerns were secued harasament all-the second to five group concerns were secued harasament all-the proper secued harasament all-the p

## Ace wrestlers propose to take agitation against WFI chief to the global arena

Agitating wrestlers on Monday evening gathered in large numbers and marched in protest from Jantar Mantar to Con-naught Place stating that they are planning on taking their protest "global" and have approached oth-er Olympic players and sportspersons for support in demanding the arrest of Wrestling Federation of In-

SUDOKU

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Phogat (left) and Sakshi Malik on Monday. SHY KUMAR PUSHPAKAR

arrest.
"This isn't a wrestlers'

or female wrestlers' fight, it's a fight for every woman and every aportsperson, and every aportsperson, port, 'Sakehi Malis said.

Bhim Army chief Chandrasekhar Azad, who met drasekhar Azad, who met said, 'It's been a long time and there has been no breakthrough. In a country down, the men shouldn't sit inside their homes and watch; we have to come

their only demand is an out in large numbers to

FAITH

Former I&K Governor

Former Jakk Governor
Satyapal Mailk visited the
wrestlers for the second
tame and promised them
and the second
to support the agitation, the wrestlers have
the second to support the second
a missed call. Ms. Malik
said, "If you believe that
the wrestlers' struggle is
should give the wrestlers a
missed call on
9053903100".

#### Defence Ministry's iDEX reaches milestone

#### The Hindu Bureau

ship initiative of the Minis-try of Defence (MoD), has the signing of the 250th contract, the first one un-der the Mission DefSpace, and the 100th SPRINT (Na

The first iDEX contrac of Mission DefSpace was exchanged between Addiexchanged between Addi-tional Secretary (Defence Production), CEO Defence Innovation Organisation (DIO) T. Natarajan and CEO (DIO) T. Natarajan and CED
InspeCity Arindrajit
Chowdhary, one of the winners of the "micropropulsion system for cubestars"
challenge, a Ministry statement said.
"InspeCity is developing,
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n you tellites, including the cube-lers a sat swarm being developed on under Mission DefSpace," the statement said.

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Find a husband for someone close to family visiting from far

30 Country in a seizure, essentially? Somehow bear the start of a new year (10)

In Austria, yes, on 100K hike (40

11 Wordplay half's boundary? (6)
12 Talked about depressed dawdler (8)
13 He is a Cockeney — perhaps mangles "H" in "hurricane"? (10)
15 Periodically edged, ... and finally gone (4) Describe a nation's pulse (4)

Criticize judge as well as peculiar, pompous official (10)

18 Chttc3e judge as weit as poculari, pompos directa (10)
20 forc challenging jaumes, originally insprind by October
revolution (0)
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23 Sharp and shylish, this lung wom by husband (10)
24 Sharp and shylish, this lung wom by husband (10)
25 Li, say, orizo large? (4)
27 Country takes a long time for customs (0)
28 Drove away, releasing pressure, for a hundred—did well (8)

2 Weepon placed under an int that is washy read (2,1,0)
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6 Left wingers broquently exchaned for shared (3)
7 University noting under with apprehension of troublemaker on
8 Track down second Secture (7)
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17 Operity desired single for your New (1,3,5)
18 Operior Under Section (7)
19 Start to Superior Under Section (7)
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21 Investing a bit of money in market makes sense (5)
23 Nos Seriend, and 51 to (5)
2

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# much." Sestras say that Panchaganya should be used for pur flexion purposes. These days, Panchaganya is used as an organic pesticide. Panchaganya is a mixture of cow's urine, cow dung, milk, ghee and curd. There are different urine are taken in equal quantities. A little bit of cow dung and curd are added to this. Another method is to take all 5

Role of cow in samskaras

There is a close association of cows and bulls with our samskaras, said Velukkudi Krishnan, in a discourse.. Only ghee is used for yagas and homas. A proper sraaddha for pitrus is elaborate. But for those unable to do it, some sim-

patrus is elaborate. But for those unable to do it, some sim-pley mays are prescribed. The cow finds a place in one of them. Vishnu Purana says that one must gather grass needed to feed a cow for a whole day. One must stroke the cow's neck and say to it, "This year I am able to do only so much."

tive ingredients in equal quantities.

Visinus Purana gives the benefits of milk and its by-products. Milk can be consumed to get rid of nausea. It gets rid of pitta and vata. It makes the skin lustrous and improves memory power. Curd cools the body. When a cow is milked, there is a layer of froth on top, Vishmu Purana says this froth is a cure for indigestion and helps in the ab-sorption of nutrients, and thus gets rid of weakness and ti-redness. Butter, according to the Purana, improves fertility, gives one a glowing skin, cures kapha, gives one strength and is good for the eyes. Ghee is good for the me mory and for overall health. Cows should be milked in the early morning hours. Butter, sugar and milk should be mixed and offered to the deity, say Pancharatra Agamas.

# One-stop centres for zero waste to be launched in cities

#### The Hindu Bureau

NEW DELHI

In a step towards cutting down waste generation in urban India, the government will launch one-stop centres where citizens can deposit old clothes, shoes, books, toys and plastic that can be reused or recycled.

These special "Reduce, Recycle and Reuse" centres are to be launched nationwide on May 20. Individuals, institutions and commercial enterprises can deposit the items at these hubs.

The items will then be given to different stakeholders to be refurbished for reuse or would be made into new products contributing to a circular economy, the Ministry of Housing and Urban Poverty Alleviation said in a statement on Monday.

These 'RRR' centres would be set up as part of a nationwide campaign 'Meri LiFE, Mera Swachh Shehar' ('My Life, My Clean City') under the aegis of the Swacch Bharat Mission – Urban 2.0 (SBM-U 2.0) to strengthen citizens' re-



Used clothes can be deposited at the one-stop centres for repurposing.

solve to reduce, reuse and recycle, the Ministry said.

The objective of the campaign is to take collective action for the protection and conservation of the environment by adopting sustainable daily habits. "The 3Rs form the backbone of 'Waste to Wealth' and has empowered many craftsmen, recyclers, self-help Groups, entrepreneurs, startups, etc. to recycle waste into a host of products," a senior official in the Urban Affairs Ministry said.

The campaign will culminate on World Environment Day on June 5.

# What is SBM-U 2.0?

# **About:**

- SBM-U 2.0, announced in <u>Budget 2021-22</u>, is the continuation of SBM-U first phase.
- एसबीएम-यू 2.0 क्या है?
- के बारे में:
- बजट 2021-22 में घोषित एसबीएम-यू 2.0, एसबीएम-यू के पहले चरण की अनुमित है।

- It was launched on 1st October 2021 to achieve the vision of 'Garbage Free Cities' over the next five years.
  - The government is also trying to tap safe containment, transportation, disposal of faecal sludge, and septage from toilets.
- इसे अगले पांच वर्षों में 'कचरा मुक्त शहरों' के दृष्टिकोण को प्राप्त करने के लिए 1 अक्टूबर 2021 को लॉन्च किया गया था।
- सरकार शौचालयों से सुरक्षित रोकथाम, परिवहन, मल कीचड़ के निपटान और सेप्टेज का दोहन करने की भी कोशिश कर रही है।

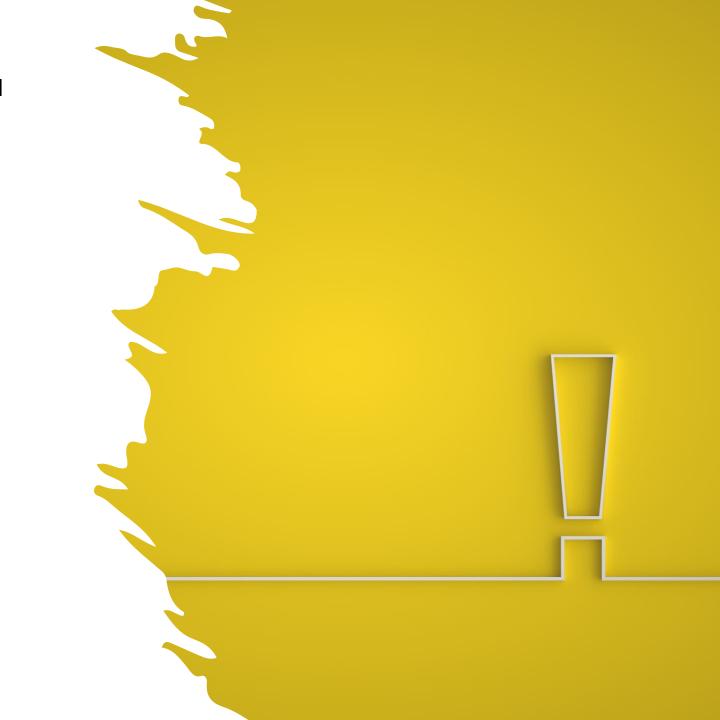
- It will be implemented over five years from 2021 to 2026 with an outlay of Rs.1.41 lakh crore.
  - SBM-U first phase was launched on 2nd October 2014 aiming at making urban India <u>Open Defecation Free (ODF)</u> and achieving 100% scientific management of municipal solid waste. It lasted till October 2019.
- इसे 1.41 लाख करोड़ रुपये के परिव्यय के साथ 2021 से 2026 तक पांच वर्षों में लागू किया जाएगा।
- एसबीएम-यू का पहला चरण 2 अक्टूबर 2014 को शुरू किया गया था, जिसका उद्देश्य शहरी भारत को खुले में शौच से मुक्त (ओडीएफ) बनाना और नगरपालिका के ठोस कचरे का 100% वैज्ञानिक प्रबंधन हासिल करना था। यह अक्टूबर 2019 तक चला।

## · Aim:

- It focuses on source segregation of garbage, reduction in <u>single-use plastic</u> and air pollution, by effectively managing waste from construction and demolition activities and <u>bioremediation</u> of all <u>legacy dump</u> <u>sites</u>.
- Under this mission, all wastewater will be treated properly before it is discharged into water bodies, and the government is trying to make maximum reuse a priority.

# • उद्देश्य:

- यह कचरे के स्रोत पृथक्करण, एकल उपयोग वाले प्लास्टिक और वाय प्रदूषण में कमी, निर्माण और विध्वंस गृतिविधियों से निकलने वाले कचरे को प्रभावी ढंग से प्रबंधित करके और सभी पुराने डंप साइटों के बायोरेमेडिएशन पर ध्यान केंद्रित करता है।
- इस मिशन के तहत, सभी अपशिष्ट जल को जलाशयों में छोड़ने से पहले ठीक से उपचारित किया जाएगा, और सरकार अधिकतम पुन: उपयोग को प्राथमिकता देने की कोशिश कर रही है।



#### Government doctors told to prescribe only generic drugs

Prescribe only generic medicines and keen away medical representatives from healthcare facilities, the Health Ministry has directed Union government doctors, citing multiple lapses. The Ministry has said that though all doctors in Union government healthcare facilities have been government healthcare facilities have been instructed to prescribe generic medicines only, branded medicines are being prescribed. It added that visits of medical representatives to hospitals should be completely curtailed and any information about a new launch may be communicated by way of email only.

## BJP MP booked on charges

BJP MP Rajesh Chudasama, representing Jungadh in Gujarat, and his father have been booked by the police on charges of abetment to suicide. A doctor, who allegedly died by suicide in February 2023, is said to have named the duo. Police found a one-line note blaming the MP and his father, who had borrowed more than ₹1.5 crore from the doctor and had not returned the sum. The police registered an FIR on the basis of a complaint filed by the doctor's son. No arrest has been made in the case.

Those who require assistance for overcoming suicidal thoughts may contact Sanjivini, Society for Mental Health at Ott-4076 9002 00 a.m. to

#### ED issues fresh summons to NCP MLA Jayant Patil

The Enforcement Directorate (ED) on Monday issued fresh summons to the Maharashtra Stray Superior Patili in connection with the Infrastructure Leasing and Financial Services Limited (ILA FS) money in the Limited Limited (ILA FS) money in the Limited (ILA FS) mone was issued summinors on May to and assed to appear before the central agency on May 12. He however sought 10 days time, citing personal and official engagements. His statement is likely to be recorded at the Mumbai office of the ED.

#### ICMR to provide research training to Ayush scholars

The National Institute of Epidemiology, a premier institute of the Indian Council for Medical Research (ICMR), will train Ayush researchers in the fundamentals of basic research, under the the fundamentals of basic research, under the Union government's integrative healthcare Union government's integrative healthcare of research building capacity among Ayush researches by offering basic training, sharing access to advanced instrumentation systems, and the research capacity building programme for Ayush researchers while extending online basic research course for all researchers, faculties, and shiristry official. ICMR is the apex body in India for the promotion of biomedical research.

10 Country in a seizure, essentially? Somehow bear the start of a new year (10)

## Railways gets on track to overhaul signage system

Directions to be available at key decision-making points; pictograms for wheelchair assistance,

be Indian Railways is planning to over-hauf the signage system at railway stations for better travelling com-fort of passengers, on the basis of fresh design

observed by the control of the contr

standard guidelines on sig-nage at stations that will be consistent and adequate. The Indian Railways will adopt modern, standard signages which are di-vyang-friendly (disabled-friendly)."



The Railways now prior-itises simple language, clear font, easy-to-see co-lours and intuitive picto-grams. The made keeping of all passengers, including the elderly, women, chil-dren, divyang/an etc. The colours of signage, type and size of fonts have been said.

said.

The current system of signage is inconsistent and inadequate, it was felt. An internal presentation of

the Ministry of Railways had pointed out that there is lack of uniformity in some cases. In others, sig-nage overlaps with advar-tion of the control of the sum of the control of the commuters. Some signage are not aesthetically de-signed and at other places, they are absent. The control of the displaying station names

displaying station names with tricolour back-

signage at key decision-making points," the official

ided.
The concept of grouping and the concept of grouping of signage has been introduced to help communers for the state of th

exit information.

Pictograms for water taps, wheelchair assistance, ramps, tourist information, mobile-charging points, escalators etc. have been standardised.

Three railway stations Three railway stations— Rani Kamalapati, Gandhi-nagar Capital, and Sir M. Visvesvaraya Terminal have already been commiswith tricolour back-grounds have been intro-duced. Emphasis has been laid on providing intuitive the official said.

### One-stop centres for zero waste to be launched in cities

#### The Hindu Bureau

In a step towards cutting down waste generation in urban India, the govern-ment will launch one-stop

ment will knurch one-stop centres where clitzens can deposit old clothes, shoots, can deposit of clothes, shoots, can be reused or recycled. These special "Reduce, can be reused to be launched entress are to be launched nationwide on May 20. In-dividuals, institutions and without the control of the can deposit the items at these babs. Will then be given to different stakehol-ders to be refurbished for to new products contribu-ing to a circular economy, and Urban Powerty Alleva-tion said in a statement on Monday.

would be set up as part of a nationwide campaign 'Me-ri LiFE, Mera Swachh She-IT LIPE, Mera Swachn Shehar' (Mp Life, My Clean City') under the aegis of the Swacch Bharat Mission - Urban 2.0 (SBM-U 2.0) to strengthen citizens' re- tent Day on June S.



solve to reduce, reuse and recycle, the Ministry said.

The objective of the campaign is to take collective action for the protection and conservation of the environment by adopting sustainable daily habits. "The 3Rs form the backbone of "Waste to Wealth' and has empowered many craftsmen. re-

#### ED freezes assets worth ₹457 crore of businessman

The Enforcement Directo-rate (ED) has unearthed properties estimated at 4457 crore during searches on the residential and busi-ness premises of business-man Santiago Martin and others under the provisions of the Prevention of Money Laundering Act (PMLA), 2002. The investi-

GPMLA), 2002. The investi-gating agency took steps to freeze the assets by treating the control of the control Acting on the Central Bureau of Investigation's in-against Mr. Martin and oth-ers relating to the sale of totterles of the Govern-the ED launched a money laundering investigation against the accused. The property of the control against Mr. Martin and Chennai against Mr. Martin and oth-ers under the PMLA. The premises covered

included the registered of fice of Future Garning Solu-tions India Private Limited, Coimbatore, the master distributor of Sikkim Lotteries, the residential pre-mises of Mr. Martin at Coimbatore and the resi-

Coimbatore and the resi-dential premises and busi-ness premises of his family members in Chennai. The constance of the con-lease that it found that Mr. Martin and his associate companies and entities had made unlawful gains with a corresponding loss to the Government of Sikkim to account of inflating the prize-winning tickets' claim for the period from 01.04.2009 to 31.08.2010.

Several investments of the group concerns were identified and orders were identified and orders were issued under the PMLA to freeze movable properties worth ₹15.7.7 crore, which included fixed deposits and mutual funds, and immov-able property documents worth ₹259.16 crore were

## Ace wrestlers propose to take agitation against WFI chief to the global arena

Agitating wrestlers on Monday evening gathered in large numbers and marched in protest from Jantar Mantar to Con-naught Place stating that they are planning on taking their protest "global" and have approached oth-er Olympic players and sportspersons for support in demanding the arrest of Wrestling Federation of In-

Since April 23, India's ace wrestlers – Sakahi Ma-lik, Bajrang Punia and Vi-perior of the Sakahi Ma-lik, Bajrang Punia and Vi-perior of the Sakahi Maintar over sexual harasament al-legations against Mr. Singh. Head of the Sakahi Maintar over sexual harasament al-same of the Sakahi Maintar over will make it global, we will make it global, ing to tarnish the protest and we are being stalked." The wrestlers said that

SUDOKU



Former J&K Governor Satya Pal Malik interacting with Vinesh Phogat (left) and Sakshi Malik on Monday, serv кимия ризничия

their only demand is an out in large numbers to

in derinating the farriest of data chief Brighushan Sharran Singh.

This isn't weresters a stress. The singh series stress and the stress stress and we are being stalked."

This isn't weresters and we were being stalked."

This isn't weresters are stress. The singh series stress and stress and stress and stress. The weresters and we are being stalked."

The weether said that stress and the stress shall approach Objects and Objects. The stress shall approach objects and there has been no there are some people trying to tarrish the protest and we are being stalked."

The weethers said that we were the stress shall approach objects and we are being stalked."

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## iDEX reaches milestone

#### The Hindu Bureau

Defence Ministry's

Innovations for Defence Ex-cellence (iDEX), the flagship initiative of the Minis-try of Defence (MoD), has the signing of the 250th contract, the first one un-der the Mission DefSpace, and the 100th SPRINT (Na-

The first iDEX contract of Mission DefSpace was exchanged between Additional Secretary (Defence

## TH GROSSWORD+13866 To solve this puzzle online, get across to our crossword site to be the puzzle on the puzzle o





#### Role of cow in samskaras

There is a close association of cows and bulls with our samskaras, said Velukkudi Krishnan, in a discourse.. Only ghee is used for yagas and homas. A proper sraaddha for pitrus is elaborate. But for those unable to do it, some simpler ways are prescribed. The cow finds a place in one of them. Vishnu Purana says that one must gather grass needed to feed a cow for a whole day. One must stroke the cow's neck and say to it, "This year I am able to do only so

The Sastras say that Panchagavya should be used for

The Sattras say that Panchagavya should be used for purification purposes. These days, Panchagavya is used as an organic posticide, Panchagavya is a misture of cow's urine, cow dung, milk, ghee and curd. There are different urine at the participation of the par ty, gives one a glowing skin, cures kapha, gives one strength and is good for the eyes. Ghee is good for the me-mory and for overall health. Cows should be milked in the early morning hours. Butter, sugar and milk should be mixed and offered to the deity, say Pancharatra Agamas.

# Defence Ministry's iDEX reaches milestone

### The Hindu Bureau

NEW DELHI

Innovations for Defence Excellence (iDEX), the flagship initiative of the Ministry of Defence (MoD), has reached a milestone with the signing of the 250th contract, the first one under the Mission DefSpace, and the 100th SPRINT (Navy) contract, on Monday.

The first iDEX contract of Mission DefSpace was exchanged between Additional Secretary (Defence Production), CEO Defence Innovation Organisation (DIO) T. Natarajan and CEO InspeCity Arindrajit Chowdhary, one of the winners of the "micropropulsion system for cubesats" challenge, a Ministry statement said.

"InspeCity is developing a gas-based (compact micropropulsion system) system. This technology can be integrated with other satellites, including the cubesat swarm being developed under Mission DefSpace," the statement said.

- iDEX is an initiative taken by the government to contribute towards modernization of the <u>Defence Industry</u>.
- It was launched by the Government in April 2018.
- iDEX aims to promote innovation and technology development in Defence and Aerospace by engaging Industries (which includes <u>MSMEs</u>, start-ups, individual innovators, R&D institutes & academia).
- iDEX रक्षा उद्योग के आधुनिकीकरण की दिशा में योगदान करने के लिए सरकार द्वारा की गई एक पहल है।
- इसे अप्रैल 2018 में सरकार द्वारा लॉन्च किया गया था।
- iDEX का उद्देश्य उद्योगों (जिसमें MSME, स्टार्ट-अप, व्यक्तिगत नवप्रवर्तक, R&D संस्थान और शिक्षाविद शामिल हैं) को शामिल करके रक्षा और एयरोस्पेस में नवाचार और प्रौद्योगिकी विकास को बढ़ावा देना है।



- iDEX will provide the engaging industries with funding and other support to carry out Research & Development.
- iDEX will be funded and managed by **Defence Innovation Organization (DIO)**, and will function as the **executive arm of DIO**.
- · iDEX आकर्षक उद्योगों को अनुसंधान और विकास करने के लिए धन और अन्य सहायता प्रदान करेगा।
- iDEX को रक्षा नवाचार संगठन (DIO) द्वारा वित्त पोषित और प्रबंधित किया जाएगा, और DIO की कार्यकारी शाखा के रूप में कार्य करेगा।

- Defence Innovation Organization (DIO)
- DIO is a 'not for profit' company registered under Section 8 of the Companies Act 2013. Its two founding members are Hindustan Aeronautics Limited (HAL) & Bharat Electronics Limited (BEL) - Defence Public Sector Undertakings (DPSUs). HAL and BEL are navratna companies.
- रक्षा नवोन्मेष संगठन (डीआईओ)
- डीआईओ कंपनी अधिनियम 2013 की धारा 8 के तहत पंजीकृत एक 'लाभ के लिए नहीं' कंपनी है। इसके दो संस्थापक सदस्य हिंदुस्तान एयरोनॉटिक्स लिमिटेड (एचएएल) और भारत इलेक्ट्रॉनिक्स लिमिटेड (बीईएल) रक्षा सार्वजनिक क्षेत्र के उपक्रम (डीपीएसयू) हैं। एचएएल और बीईएल नवरत्न कंपनियां हैं।

MOSCOW

Russia scrambles jet as France, Germany conduct NATO patrols



Bussia's Defence Ministry scrambled a fighter jet on Monday after it said it detected French and German patrol aircraft flying to Russian airspace, a statement said. France and Germany said planes were conducting regular flights as part of a NATO exer my said its

Back in the Arab League after 12 years, Syria seeks investments



Syria on Monday called on Arab countries to invest in the war-torn Syria on Monday called on Arab countries to invest in the war-torn nation, now again a member of the Arab League. This inclusion is seen as another step toward bringing Syrian President Bashar Assad (right, in the photo), back into the fold. The appeal from Syr came during an economic conference in Saudi Arabia. Ar

Israeli Army kills man in occupied West Bank: Palestinian Ministry



sraeli soldiers killed a Palestinian man on Monday in the occupied West Bank, the Palestinian Health Ministry said, with the Army saying it returned fire after being shot at. The Israel Army said it was conducting an operation in Nablus to prepare to demolish the house of a man suspected of an armed attack in February.

China sentences 78-year-old U.S. citizen to life on spying charges



China sentenced a 78-year-old United States citizen to life in prison om Monday on spaying charges, in a case that could exacerbate the deterioration in ties between Beijing and Washington over recent years. Details of the charges against John Shing-Wan Leung have not been published all

## Thailand's voters reject military-backed parties

Despite their success, MFP and Pheu Thai still face many hurdles to secure power; rumours are swirling that MFP could be dissolved by court order - the same fate that befell on its predecessor

Agence France-Presse

hailland's progres-sive Move Forward Party claimed vic-tory in the country's elec-tion on Monday after a stunning result that decimated military-backed par-ties, which have ruled the kingdom for nearly a

A massive surge for Move Forward (MFP) in Sunday's ballot left it on course to be the biggest party, followed by its rival

Thai movement of billio-naire experimeir Thakist marked to the control of the control of the control of the Thai woters turned out in record numbers to delive er a hrutal werdlet on form-enister repay to than-o-Cha, who has been blamed for economic stapandion and a prime Minister candidate,

crackdown on rights.
MFP leader Pita Limja-roenrat said he would seek to build a six-party coali-tion including Pheu Thai. which said it was ready to of the details have not yet

Victory dance: Pita Limjaroenrat interacting with media at the party headquarters in Bangkok on Monday. AFP

thwarted.

the next Prime Minister of sunshine and hope." Thailand," he told repor-ters at the MFP headquar-

to congratulate her on her campaign and invite her to

"The sentiment has changed, it was right. It uou unusung rineu tilat, which said twas ready to join, though negotiations of the details have not yet begun.

Tam Pita Limjaroenrat,
and hopefully it is full of

establishment.
The newest force in Thai politics, MFP channelled the energy of youth-led in the energy of the energy

from 99% of polling sta-tions, Election Commission data showed MFP on 14.1 million in the popular vote followed by Pheu Thai on 10.8 million

sunshine and hope."
Between them, MFP
and Pheu Thai are expected to take 292 out of 500
seats in the Lower House,
with the two main Army-allied parties mustering just
76 seats in total. The United Thai Nation party, led by Prayut — the former Army chief who selzed power in a 2014 coup — was a distant third on 4.7 million.

Despite their success, MFP and Pheu Thai still face many hurdless to secripted 2017 Constitution. Adding to the uncertainty, rumours are already The United Thai Nation

Lingering fears But in a kingdom where coups and court orders have often trumped the ballot box, there are fears that the result may yet be ty, rumours are already swirling that MFP could be MFP has vowed to redissolved by court order the same fate that befell its predecessor Future For-ward Party after it per-

Protesters ask

Chief Justice

to step down

for releasing

Imran Khan

Associated Press

## Resurgent Erdogan paints vote as a victory, rival remains hopeful

Turkish President Recept Tuyyip Erdogan on MonTuyyip Erdogan
tuyyip Erdogan
t

His right-wing party also retained control of Parliament through an alliance with ultra-nationalists on a drama-filled night that con-cluded with Mr. Erdogan delivering a victory speech from a balcony to jubilant



Recep Tayyip Erdogan

He even won in regions hit by a calamitous Febru-ary quake that claimed more than 50,000 lives and where anger at the go-vernment's slow response to Turkey's worst disaster of modern times was seething. Even as it became clear

a runoff was likely, Mr. Er-dogan, who has governed Turkey as either prime mi-

2003, painted Sunday's vote as a victory both for himself and the country.

"That the election re-sults have not been finalsults have not been final-ized doesn't change the fact that the nation has chosen us," Mr. Erdogan, 69, told supporters in the early hours of Monday. He said he would res-pect the nation's decision. Kemal Kilicdaroglu, his main opponent, sounded the time the runoff was an-nounced: "Den't lose

nounced: "Don't lose hope.... We will get up and win this election together." Mr. Kilicdaroglu, 74, and his party have lost all pre-vious presidential and par-

liamentary elections since he took leadership in 2010. "The people won!" the right-wing Yeni Safak new-spaper proclaimed in a

banner headline. The pro-government Sabah daily called Mr. Erdogan's perter Hamdi Kurumahmut was brimming with confi-dence in the morning after the night of Turkey's big-gest election of its post-Or-toman era. "Erdogan is go-ing to win. He is a real leader. The Turkish people trust him," Mr. Kurumah-mut said.

mut said. Analysts feel Mr. Kilicda roglu and his six-party op position alliance will have a difficult time halting Mr.

"The President is likely "The President Is likely to ride his strong approval rating, surprise win in Par-liament, and incumbency advantages to secure re-election," said Emre Peker of the Eurasia Group consultancy.

## We can't control the sky, Zelensky says as he asks for fighter iets on U.K. visit

Sriram Lakshman

Following visits to Berlin and Paris on Sunday, Uk-rainian President Volody-myr Zelensky arrived in London on Monday for talks with U.K. Prime Mi-nietar Piels Sunday as Voice nister Rishi Sunak, as Kyiv attempts to adequately equip itself for a spring counter-offensive against

During his brief morning visit, Mr. Zelenksy reiting visit, Mr. Zelenlasy reit-erated his country's need for fighter jets. His trip comes as China's special envoy began a visit to Uk-raine, Russia and several other European countries, as Beijing attempts to brok-er a "political settlement" othe Russia-Ukraine con-tor the Russia-Ukraine con-

Standing next to Mr Su-nak at the U.K. Prime Minister's official country residence, Chequers, Mr. Zelensky said, "Today we spoke about the jets - a ve-

spoke about the jets – a very important topic for us.

However, for now, but it is a topic of us.

However, for now, but is a lower to wait. Downing the sky, we want to create has to wait. Downing the Street amounced that the UK. would, over the next varian Ukrainians to fly jets — with the ultimate goal of equipping the country manned earlial systems, in-

The absence of NATO-compatible lets has been a significant

with an air force that can by NATO standard F-16 jets. The absence of NATO-the standard F-16 jets. The absence of NATO-the standard significant disadvantage for kylv, whose pilots are knight of the standard significant of the standard significant public sequent for Jets during a sequent for Jets during a sequent of Jets during a feet of the standard sequent for Jets during a feet of the standard sequent for the sequent of the sequent sequent

statement said.

security arrangements that need to be in place, with-out going into the details of

Air defence missiles

cluding hundreds of new long-range (greater than 200 km range) attack

Thousands of Pakistani godrones.
The U.K. last week had confirmed that it had given Kyiv long range ('Storm Shadow') cruise missiles, the first country to do so, Thousands of Passistan go-vernment supporters con-verged on the country's Su-preme Court on Monday, in a rare challenge to the nation's judiciary. The deaccording to Downing Street. On Monday, Mr. Ze-lenksyy said his country monstrators demanded the resignation of the Chief Justice of Pakistan (CJP) ovwas preparing "very im-portant counter-offensive er ordering the release of Imran Khan

"We really need some The Pakistan Democratic Alliance, a grouping of 12 per his property of 12 per his property of 12 per his property of 12 per his protests. The alliance was belind the joint action confidence vote in Parliament April 2022.

The radical property of 12 per his property of 12 per The Pakistan Democrat more time... not too much," he said about his much," he said about his country's preparedness. Mr. Sunak told reporters that he and Mr. Zelensky had discussed U.K. support to Ukraine, "not just for to-day, but into the future as well", adding that they had discussed long-term sexuity arrangements that

these.
"It's important for the Kremlin to also know that People's Party led by Bila-wal Bhutto Zardari – the son of assassinated Prime Kremlin to also know that we're not going away," Mr. Sunak said. Ukraine is ex-pected to be high on the agenda at this week's Council of Europe meeting in Reykjavik and at the May 19-21 Group of Seven (G-7) meeting of advanced eco-nomies in Hiroblima. Minister Benazir Bhutto is joining the protest.

The protest is a sign of

The protest is a sign of escalating tensions bet-ween the judiciary and the government of Prime Mi-nister Shahlbaz Sharif, who replaced Mr. Khan after his ouster.

UNIDENTIFIED DEAD BODY

General Public is hereby informed that one person Namely: Unknown, S/o: Unknown, found deed at Jhangol Geon, Jerund Kinare, near Thokar No. 7, Alipur, Delhi in the jurisdiction of P.S. Alipur, Delhi on 07.05.2023. In this regard a case has 100 No. 46A dated 07.05.2023 at P.S.

under:- Age: About 20-30 years, Sex: Male, Height: 57". Complexion: Wheatish, ID Mark: A tattoo mark of Mahesh Love on right arm, Wearing: Black & white colour chacked shirt and black colour pant. If any one having any

DP/5167/ON/2023

PS. Alipur, Delhi Ph.: 011-27202265, 7065036325

PROCLAMATION REQUIRING THE APPEARANCE OF ACCUSED PERSON

See Section 92 Cr.P.C.
Whereas complaint has been made before me that accused lineran
Hasmi, Sto: IsrarAhmed, Ric-H. No. C-145, Sali No. 02, Jahangir Puri,
Delhi, Also at: C-175, Geli No. 02, Jahangir Puri, Delhi has committed

Proclamation is hereby made that the said Imran Hasmi accused of E-FIR No. 0450812019, Us 379482734 IPC, P.S.: L. P. Estate, Delhi is required to appear before this court to answer the said complaint oner before 07.07.2023.

By Order

Metropolitan Magistrate, Central District, Room No.: 150, DPI5112/CDI2023-(Court Natter) Tis Hazari Courts Delhi

## PROCLAMATION REQUIRING THE APPEARANCE OF ACCUSED PERSON

(SECTION 82 Cr.P.C.)
Whereas complaint has been made before n

Ram Kumar, Director of M/s Knight Riders Auto Services Priva Limited, at SF-35, Second Floor, Cross River Mal., Karkardoom Delhi-32, has committed (or is suspected to have committed) if Limited, at SF-26. Second Floor, Cross Florer Med. Karkardstoma, Delhi-35, his committed (or is suspected to have committed) the otherion in CC No. 517942/16, Ule 138 M Act, registered at P.3-care and the committed of the commi

SEARCH FOR MISSING

By order
Sakshi Jaiswal,
Metropolitan Magistrate-05,
DP/4795/N/2023 Room no. 2, Ground Floor, Annews Building,
(Court Matter) Tis Hazari Court, Dehi

General Public is hereby informed that a service to the least that a service that the servi

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### APPEAL FOR IDENTIFICATION



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Floris I, Taray parson hastig any information or cibe about this person may.
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PS,- Hazrat Nizamuddin Railway Station, Delhi, DP/5179/Rhy/2023 (UIDB) Ph.: 011-24356743, 8750871311

## UNIDENTIFIED DEAD BODY

idmitted in DDU Hospital vide MLC 1053/23 dated 10.05,2023, During regard a DD No. 14A dated 10.05.2023

regard a DD No. 14A dated 10.05.2023
has been bodged at PS. Mayapurt,
Delhi. The dead body has been
preserved for identification at DDU
Hospital Mortuary, Delhi for 72 hrs, The
description of the dead body is given as under Nam
Chand Sto: Unknown, Rio-Unknown, Age: 50 years,
Sto., Complexion: Salow, Face: Round, Bulls: 1 ing: Brown colour Half Nikkar and Gray colour Shirt Sincere efforts have been made by local police to trace out the dead person but no due has come to light so far. If any on having any information about this dead person please information about this dead person please information.

DP/5147/WB/2023

# BEIRUT

# Back in the Arab League after 12 years, Syria seeks investments



AP

Syria on Monday called on Arab countries to invest in the war-torn nation, now again a member of the Arab League. This inclusion is seen as another step toward bringing Syrian President Bashar Assad (right, in the photo), back into the fold. The appeal from Syria came during an economic conference in Saudi Arabia.



Administrative center	Cairo, Egypt <sup>a</sup>	
Official languages	Arabic	
Demonym(s)	Arabs	
Туре	Regional organization	
Members	Algeria Bahrain Comoros Djibouti Egypt Iraq Jordan Kuwait Lebanon Libya Mauritania Morocco Oman Palestine Qatar Saudi Arabia Somalia Sudan Syria Tunisia United Arab Emirates Yemen	

Establishment	
<ul> <li>Alexandria</li> <li>Protocol</li> </ul>	22 March 1945
<ul> <li>Joint Defence and Economic Co-operation Treaty</li> </ul>	18 June 1950
• Greater Arab Free Trade Area (GAFTA)	February 1997
Area	
Total area	13,132,327 km <sup>2</sup> (5,070,420 sq mi) (2nd)
Population	
<ul> <li>2022 estimate</li> </ul>	462,940,089 <sup>[1]</sup> (3rd)
<ul> <li>Density</li> </ul>	27.17/km <sup>2</sup> (70.4/sq mi)
GDP (nominal)	2022 estimate
<ul> <li>Total</li> </ul>	\$3.4 trillion <sup>[2]</sup> (5th)
<ul> <li>Per capita</li> </ul>	\$6,600

# Suspension:

- Syria was **suspended from the Arab League in 2011** after it violently cracked down on anti-government protests.
- The Arab League accused Syria of not complying with a peace plan that called for a withdrawal of military forces, the release of political prisoners, and the start of a dialogue with opposition groups.

# निलंबन:

2011 में सरकार विरोधी प्रदर्शनों पर हिंसक कार्रवाई करने के बाद सीरिया को अरब लीग से निलंबित कर दिया गया था।

अरब लीग ने सीरिया पर शांति योजना का पालन नहीं करने का आरोप लगाया जिसमें सैन्य बलों की वापसी, राजनीतिक कैदियों की रिहाई और विपक्षी समूहों के साथ बातचीत शुरू करने का आह्वान किया गया था।

- Despite attempts at peace negotiations and ceasefire agreements, the violence continued, leading to Syria's suspension.
- This had economic and diplomatic consequences for Syria.
- शांति वार्ता और युद्धविराम समझौते के प्रयासों के बावजूद, हिंसा जारी रही, जिसके कारण सीरिया को निलंबित कर दिया गया।
- सीरिया के लिए इसके आर्थिक और कूटनीतिक परिणाम हुए।

- A committee involving Egypt, Saudi Arabia, Lebanon, Jordan, and Iraq will be established to help Syria achieve these goals.
  - But the decision does not mean a resumption of relationships between Arab states and Syria as it is up to each country to decide this individually.
- It calls for a resolution of the crisis **resulting from Syria's civil war**, including the flight of refugees to neighboring countries and drug smuggling across the region.
- सीरिया को इन लक्ष्यों को प्राप्त करने में मदद करने के लिए मिस्र, सऊदी अरब, लेबनान, जॉर्डन और इराक को शामिल करते हुए एक समिति की स्थापना की जाएगी।
- लेकिन निर्णय का मतलब अरब देशों और सीरिया के बीच संबंधों की बहाली नहीं है क्योंकि यह प्रत्येक देश पर निर्भर है कि वह इसे व्यक्तिगत रूप से तय करे।
- यह सीरिया के गह युद्ध से उत्पन्न संकट के समाधान का आह्वान करता है, जिसमें शरणार्थियों का पड़ोसी देशों में जाना और पूरे क्षेत्र में नशीली दवाओं की तस्करी शामिल है।

- What is the Arab League?
- About:
  - Arab League, also called League of Arab States (LAS), is an intergovernmental pan-Arab organisation of all Arab states in the <u>Middle East</u> and North Africa.
  - It was formed in Cairo, Egypt on 22nd March 1945, following the adoption of the Alexandria Protocol in 1944.
- अरब लीग क्या है?
- के बारे में:
- अरब लीग, जिसे लीग ऑफ़ अरब स्टेट्स (LAS) भी कहा जाता है, मध्य पूर्व और उत्तरी अफ्रीका के सभी अरब राज्यों का एक अंतर-सरकारी पैन-अरब संगठन है।
- 1944 में अलेक्जेंडिया प्रोटोकॉल को अपनाने के बाद
   22 मार्च 1945 को काहिरा, मिस्र में इसका गठन किया गया था।



 What is the Significance of the Middle East/North Africa (MENA) for India?

# Middle East:

- India has enjoyed centuries of good relations with countries like Iran, while smaller gas-rich nation Qatar is one of India's closest allies in the region.
- India shares good relations with most of the countries in the Gulf.
- The two most important reasons for the relationship are <u>Oil</u> and gas, and trade.
- Two additional reasons are the huge number of Indians who work in the Gulf countries, and the Remittance they send back home.

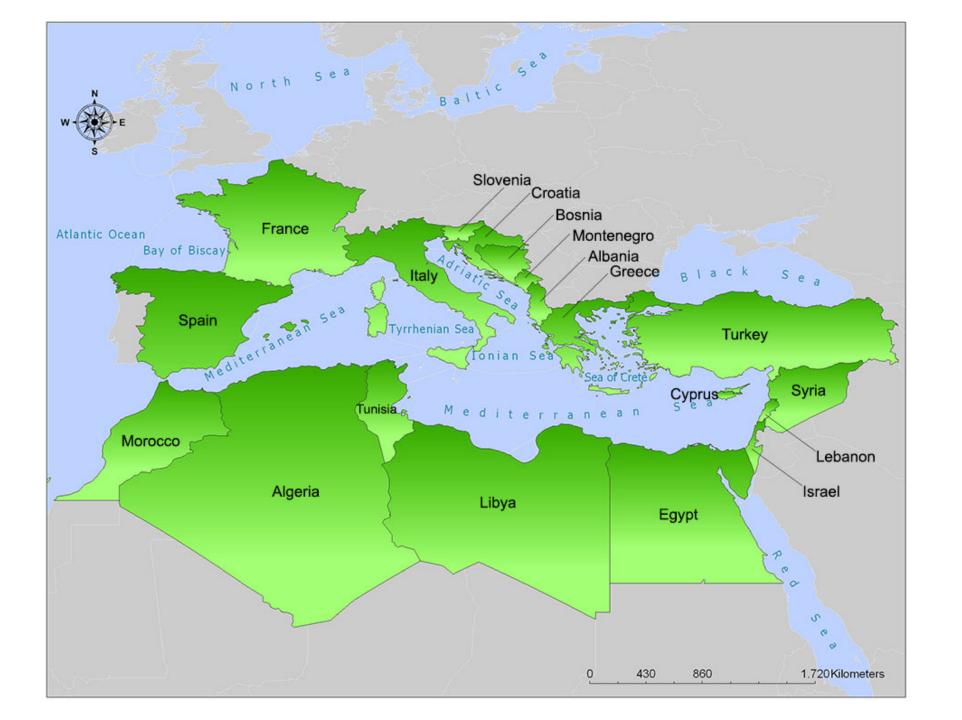
- भारत के लिए मध्य पूर्व/उत्तरी अफ्रीका (MENA) का क्या महत्व है?
- मध्य पूर्व:
- भारत ने ईरान जैसे देशों के साथ सिंदयों से अच्छे संबंधों का आनंद लिया है, जबिक छोटा गैस समृद्ध देश क़तर इस क्षेत्र में भारत के सबसे करीबी सहयोगियों में से एक है।
- भारत खाड़ी के अधिकांश देशों के साथ अच्छे संबंध साझा करता है।
- रिश्ते के दो सबसे महत्वपूर्ण कारण तेल और गैस और व्यापार हैं।
- दो अतिरिक्त कारण हैं खाड़ी देशों में काम करने वाले भारतीयों की भारी संख्या, और वे रेमिटेंस जो वे घर वापस भेजते हैं।

**North Africa:** North African nations like **Morocco and Algeria are important** as they serve as gateways to other parts of Africa, which is relevant for India, given its desire to **penetrate Francophone Africa (French Speaking African Nations).** 

North Africa is significant for India because of its potential as a source of clean energy. The region has **abundant solar and wind resources**, which can be harnessed to generate electricity.

उत्तरी अफ्रीका: मोरक्को और अल्जीरिया जैसे उत्तरी अफ्रीकी देश महत्वपूर्ण हैं क्योंकि वे अफ्रीका के अन्य हिस्सों के लिए प्रवेश द्वार के रूप में काम करते हैं, जो भारत के लिए प्रासंगिक है, इसकी फ्रैंकोफोन अफ्रीका (फ्रेंच भाषी अफ्रीकी राष्ट्र) में प्रवेश करने की इच्छा को देखते हुए।

स्वच्छ ऊर्जा के स्रोत के रूप में अपनी क्षमता के कारण उत्तरी अफ्रीका भारत के लिए महत्वपूर्ण है। इस क्षेत्र में प्रचुर मात्रा में सौर और पवन संसाधन हैं, जिनका उपयोग बिजली उत्पन्न करने के लिए किया जा सकता है।



JESDAY, MAY 16, 2023, NEW DELHI, LATE CITY, 20 PAGES

\$7.00 (\$8 BIHAR & RAIPUR, \$12 SRINAGAR) WWW.INDIANEXPRESS.CO WRESTLING: SEXUAL HARASSMENT

'Panel asked us for

audio, video proof...

member said Singh

Wrestlers say video switched off at

times, Oversight Committee member

Wrestlers Sakshi Malik and Vinesh Phogat with Bhim Army leader Chandra Shekhar Azad, in New Delhi on Monday

like father figure'

denies: 'Everything transcribed'

# BUSINESS AS USUAL By UNNY



NOT PROBING ADAM SEBI TELLS SC

#### In negative territory, WPI at 34-month low: to remain subdued

ect along with moderation in bal commodity prices re-ted in easing of food, fuel and

nt and the previous low was in 34 months ago in June 2020 -) 1.81 per cent. Wholesale in-tion rate was 1.34 per cent in rch 2023 and 15.38 per cent April 2022. The all-commodis index has remained un-nged at 150.9 since February Experts said WPI inflation rate

nian WPI inflation nu manufactured products
on. Food inflation will need
e watched as the prices of
CONTINUED ON PAGE 4



A HIGH base effect and A HIGH base effect and easing global commod-ity prices have helped WPI to slip into a defla-tionary zone after al-most three years. The wholesale inflation

#### AFTER BIG WIN. CONG DILEMMA OVER KARNATAKA CHIEF MINISTER'S POST

# **CM decision likely today: Siddaramaiah** is ahead, but Shivakumar digs heels in

Shivakumar: My strength is 135...I believe a single man with courage makes a majority

MANOJ CG & JOHNSON TA MAY 15

ADAY after the party's 135 MLAs passed a one-line resolution au-thorising AJCC president Mallikarjun Kharge to choose party president DK Shivakumar and former Chief Minister Siddaramaiah stood their ground amid intense lobbying or the post of Chief Minister.

While Siddaramaiah has nerged as the frontrunner, with majority of the newly elected MLAs learnt to have enected MLDs searnt to nave named him as their choice. Shivalkumar played hardball, putting off his visit to Delhi where the action has shifted. Shivalkumar's bother and Lok Sabha MP, D K Suresh, met Kharge on his behalf instead.

While a final decision is ex-pected to be announced on Tuesday, the central leadership ruescay, the central seasessing is yet to commince Shivakumar to accept the settlement. Shivakumar, who cited a stomach infection for cancelling his Delhi trip on Monday, is expected to reach the capital on the stomach in the settlement.



Karmataka Congress chief D K Shivakumar at his Bengaluru residence on Monday. He put off his visit to New Delhi citing a stomach infection; (right) former Chief Minister Siddaramaiah leaves for the capital on Monday. PII

# VICTORY, DEFEAT

BY SUHAS PALSHIKAR

BJP TO LOOK INTO LEADERSHIP'S ROLE, REBELS WITHIN THE NAMESAKE MAMATA: READY

TO SUPPORT CONG WHERE IT IS STRONG

## THE EDITORIAL PAGE Siddaramaiah has edge, pan-state base, Shivakumar counters with strong push

BENDALDRIL MAY 15

Walk out, saying that "the sever can advise the CAD, but when the BP came to power in Karnataka, baving toppled the Congress. and the Congress canght in the Congress canght in the Congress and the Congress an

vention of the Lingayat commu-nity. Yediyurappa threatened to walk out, saying that "the seer can advise the CM, but should not be threatening him". Another seer who was part of

and BIP MP Brii Bhushan Sharar Singh, have raised concerns over the panel's proceedings. In interviews to The Indian In interviews to The motors
Express on the condition that
they not be named, all the three
wrestlers said they were asked
to provide "video or audio proof"

"their by recomment

ing." Another said that staff members of the WFI and a led by former boxing W

wrestlers, in their complaints t the Delhi Police, had alleged mu the Delhi Police, had alleged mu tiple incidents of sexoal haras ment. They said that Singhhad, of the pretext of checking the breathing pattern, "touched the breast and stornach," and, during training session, "lifted her jersey. These two wrestlers, as the police complaints, also claims that there were occasions, while

#### Meanwhile in Rajasthan, Pilot puts up show of strength 2 ministers, 13 other MLAs beside him, Pilot gives Gehlot



Congress leader Sachin Pilot at a rally marking the end of his

HAMZA KHAN
JAPINE, MAY 15

Les, Hernaram Choudhary and Big government.

Rajendra Caulha, also targeted Chef Minister Aehok Cehkt.
Concluding his five-day Appear for government examinations in His papear for government examinations in His pa

Monday gave a 15-day ultimatum to his own party's government in Rajasthan to act on his three de-

ands on corruption or face a ste-wide agitation. Pushing the party further to e edge in the state where sembly elections are due in scember, Pilot and two minis-

on Monday-with a rally in the capmanded that the corruption -idmanded that the corruption

#### the waiting area of the Sports CORDELIA 'DRUG BUST'

#### Witness portrayed as NCB official, demanded Rs 25 cr from Arvan kin, settled for Rs 18 cr: CBI

#### MAHENDERSINGH MANRAL & MOHAMED THAVER

manded Rs 25 crore from Shah Rukh Khan's family by threaten-ing to falsely implicate the actor's son Aryan Khan in the case, a perike by a medial growing team WOMAN KILLED FOR probe by a special enquiry team (SET) of the Narcotics Control Bureau has revealed. The team also found that the deal was fi-nalised at Rs 18 crore after negotiations, with Rs 50 lakh being taken as token amount. It is on the basis of this inves

It is on the basis of this inves-tigation that the CBI bas filled an FIR. against members of the NCB team, including its former zonal director Sameer Wankbede. The SET probe also revealed that the independent witness who allegedly asked for the Rs 25 crore, Kizan P Gosavi, was made to seem like an NCB offi-made to seem like an NCB offi-



TO ARYAN KHAN. FROM A POLICEMAN

Wankhede allegedly drop the names of 17 persons as a pects during the Cordelia rai

### As UP plans to table 1980 riot report, open wounds from an Eidgah clash in Moradabad

#### **DEEPTIMAN TIWARY**

FAHIM HUSSAIN, 48, has not celebrated Eid since he was five years old. It was on an Eid, 43 years ago, that the herbal medi-cine shop owner from Galshahid



during the violence, and his neighbour Fahim Hussain, who lost four of his family members. Gajendar Yadav

by police firing, leading to sev-eral deaths, police allegedly broke open the doors of his an-cestral home, pulled out his grandfather, father, uncle and one of their servants and bun-dled them in a police vehicle

dled them in a police vehicle.
They were never seen again.
While locals say they were
shot dead by police, Hussain's
70-year-old mother Sajida
Begum still waits for her hus-band. "His body was never
handed over to me. Police kept
telling me he was in jail. Then PM
OONTINUED ONPAGE 4

#### THE CITY

NORMALCY TOP

MANIPUR UNIT

HOUSE RENOVATION DIVESTED OF ALL

# Before Arpit became Arpita in coffee ad, Saurav became trans model Siva



it was when her mother, a lab assistant at a school in Debradun, found out that Siya had been bunking school, that she decided to share her inner conflict. "When I told her (about my feel-

lege, Siya prepared to face her-

that supported trans people. So I boarded a bus and came to Delhi. bunking school, that she decided but and came to Delhi. The share here inner conflict. When I total her (about my feel in trunderstand me today) has the weight out of the share will educate herself to understand me better. Hat was attend me better. Hat was attend me better. Hat was attend and started harassing me, assuming I was a prostitute it portfloid some soon of the share will educate herself to understand me better. Hat was attend and started harassing me, assuming I was a prostitute it portfloid some soon of the share will entire the principal loss runs spin was a prostitute in the portfloid house soon of the share will be shared the share will be shared to the share will be shared to the shared to t

quent trips to Delhi for hormone shoots. I also did an audition for bility for the trans community

hospitality industry. adding, "The fashion indust doesn't care who you are, as lor

# 2,000-KM LONG ENERGY CORRIDOR

# \$5-billion undersea UAE-Gujarat gas pipeline proposed

Proposal sent to petroleum ministry

MANISH GUPTA New Delhi, May 15

SOUTH ASIA GAS Enterprise (SAGE), an international consortium of companies in deepwater pipeline projects, has sought the support of ministry of petroleum and others to develop an undersea gas pipeline from Gulf to India.

"We have carried out both technical and financial feasibility of the project, and have received positive response from various stakeholders. We now need the diplomatic and political support to take it forward as this requires long term government level agreement," SAGE director Subodh Kumar Jain said.



## **20-YEAR LONG-TERM CONTRACT**

The undersea transnational gas pipeline project Middle East-India Deepwater Pipeline was initially conceived between Iran and India (Porbandar) about a decade ago ■ The route being looked at is via Oman and UAE through Arabian Sea. It will allow to import gas from Oman, UAE, Saudi Arabia, Iran, Turkmenistan and Qatar

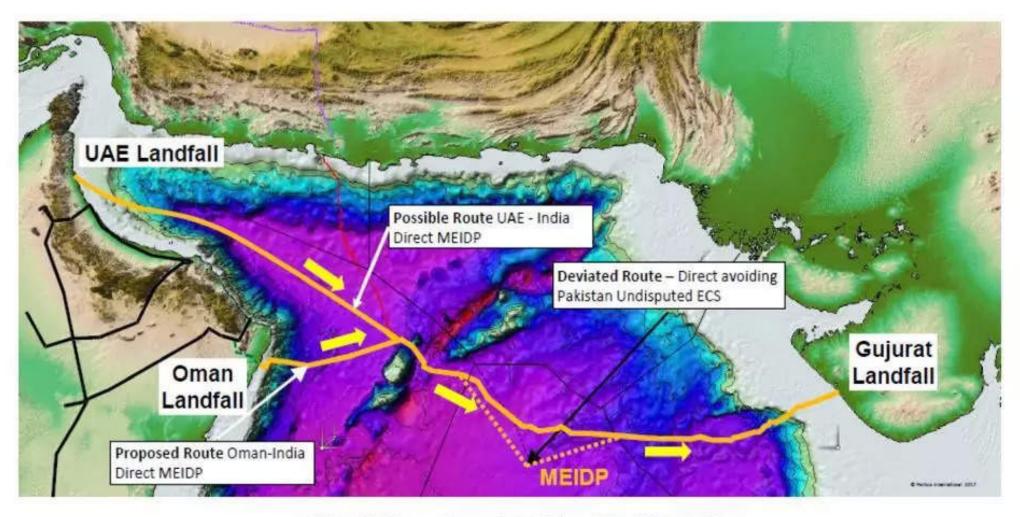
ment to government level," Jain said.

reserves.

"Meeting needs of power



# MEIDP | PROPOSED ROUTE - UAE/OMAN TO INDIA (VIA ARABIAN SEA)



UAE-India Route Length 1600km, Max WD 3500m Oman-India Route Length 1200km, Max WD 3500m Deviation adds 50km, Max WD 3500m



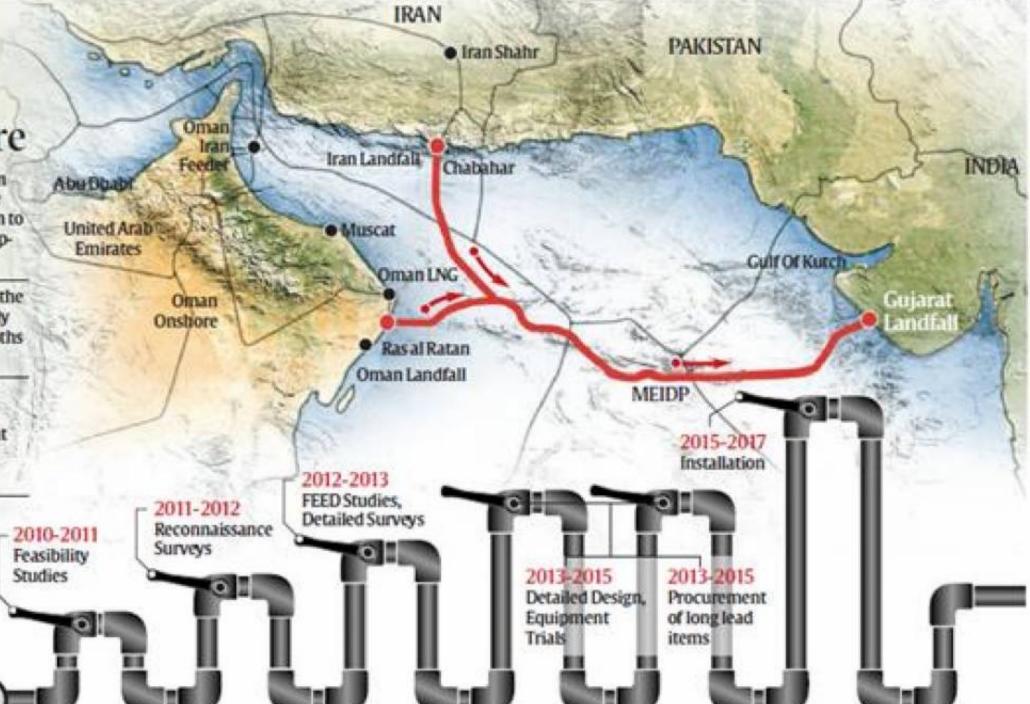
WILL TRANSPORT 8 TCF (trillion cubic feet) of natural gas over the next 20 years from the gulf region to Indian coast in Gujarat using deep-sea route

THE PIPELINE, passing through the Arabian Sea will be approximately 1,300 km long and will reach depths of 3,400 meters under the sea

TTWILL ORIGINATE in Oman at the Middle East Compression Station (MECS) and end in India at the Gujarat Pipeline Receiving Terminal (GPRT)

# THE TIMELINE

Project Goal: First gas in 2017



Kumar Jain said.

The proposed 2,000-kmlong energy corridor connecting Middle East and India, a \$5 billion project, can lead to an annual saving of about ₹7,000 crore in comparison with similar quantity of liquefied natural gas (LNG) import.

The undersea transnational gas pipeline project Middle East-India Deepwater Pipeline (MEIDP) was initially conceived between Iran and India (Porbandar) about a decade ago but failed to take off due to western sanctions.

"There have been new large gas discoveries in Oman, UAE and Saudi Arabia recently and the Middle East plans to spend over \$120 billion to increase gas output by 14 billion cubic feet per day (bcfd) by 2030. This is the right time to strike long term deals at govern-

Jain said.

SAGE, promoted by Delhibased Siddho Mal Group along with a UK-based deepwater technology company, gave a presentation to Abu Dhabi National Oil Company (Adnoc) in March this year to its gas master planning division.

The hydrocarbon projects developer has made similar presentations to other gas suppliers in the Middle East, and also made representations to ministries of petroleum, power, fertiliser, and also various industry chambers.

The route being looked at is via Oman and UAE through Arabian Sea to avoid geo-politically sensitive regions. It will allow options to import gas from Oman, UAE, Saudi Arabia, Iran, Turkmenistan and Qatar, a region with 2,500 trillion cubic feet (tcf) gas

"Meeting needs of power and fertiliser industry for affordably priced gas, while moving to a low carbon economy, and increasing gas share to 15% in energy basket will create a demand of 700 mmscmd gas annually at right prices.

"Gas pipelines are more competitive than LNG up to a distance of 2,500-3,000 km due to high cost of gas lique-faction, transportation and regasification. It can save \$5 to \$6 per mmBtu. Besides, LNG prices can be volatile," he added.

The proposed pipeline promises to deliver 31 mmscmd gas to India under a 20 year long term supply contract. And, the buyers can purchase gas from Middle East by paying SAGE a pipeline tariff of \$2-2.25 per mmBtu range.

# आइसीसी ने 'साफ्ट सिग्नल' नियम को खत्म किया

दुबई, 15 मई (भाषा)।

अंतरराष्ट्रीय क्रिकेट परिषद (आइसीसी) ने मैदानी अंपायरों द्वारा दिए जाने वाले विवादास्पद 'साफ्ट सिग्नल' नियम को खत्म करने का फैसला किया है जिसकी विशेषज्ञ अक्सर आलोचना किया करते थे क्योंकि फैसला तीसरे अंपायर के पास जाने पर यह टीवी अंपायर के लिए भ्रम की स्थिति पैदा करता था। 'साफ्ट सिग्नल' का उपयोग जमीन से कुछ इंच ऊपर लिए गए कैच की वैधता को निर्धारित करने के लिए किया जाता रहा है क्योंकि इस तरह के कैच का सही अनुमान खुली आंखों से नहीं लगाया जा सकता।

अभी तक मैदानी अंपायर अपने अनुमान

# क्रिकेट

के आधार पर 'आउट' या 'नाट आउट' का संकेत देते थे जिसे 'साफ्ट सिग्नल' कहा जाता है। अधिकतर मामलों में टीवी फुटेज से कैच का सही अनुमान लगाना मुश्किल हो जाता था और ऐसे में तीसरा अंपायर 'साफ्ट सिग्नल' के आधार पर अपना फैसला देता है। सौरव गांगुली की अध्यक्षता वाली पुरुष क्रिकेट सिमिति और महिला क्रिकेट सिमिति की सिफारिशों को मंजूरी मिलने के बाद आइसीसी ने खेल की परिस्थितियों में बदलाव की घोषणा की। आइसीसी ने कहा, 'सबसे बड़ा बदलाव 'साफ्ट सिग्नल' को खत्म करना है। अब

फैसला टीवी अंपायर के पास भेजे जाने पर मैदानी अंपायरों को 'साफ्ट सिग्नल' देने की जरूरत नहीं पड़ेगी। मैदानी अंपायर कोई भी फैसला करने से पहले टीवी अंपायर के साथ परामर्श करेंगे।'

पूर्व भारतीय कप्तान गांगुली ने कहा, 'पिछले दो वर्षों में क्रिकेट समिति की बैठकों में 'साफ्ट सिग्नल' को लेकर चर्चा होती रही है। समिति ने लंबी चर्चा की और इस नतीजे पर पहुंची कि 'साफ्ट सिग्नल' अनावश्यक है और कई बार भ्रम की स्थिति पैदा करता है क्योंकि हो सकता है कि रीप्ले में कैच का सही अनुमान न लग सके।' दूसरी बड़ी घोषणा जोखिम वाली परिस्थितियों में हेलमेट पहनना अनिवार्य करना है।





- Recently, Sultan Ahmed Al Jaber, the President-Designate of <u>COP28</u> has called upon the oil and gas industry to <u>phase</u> <u>out methane emissions</u> by 2030, as Methane have emerged as a critical concern in the fight against <u>climate change</u>. And align with comprehensive <u>net-zero</u> <u>emission</u> <u>plans</u> by or before 2050.
- हाल ही में, COP28 के नामित अध्यक्ष सुल्तान अहमद अल जाबेर ने तेल और गैस उद्योग से 2030 तक मीथेन उत्सर्जन को समाप्त करने का आहवान किया है, क्योंकि मीथेन जलवाय परिवर्तन के खिलाफ लड़ाई में एक महत्वपूर्ण चिंता के रूप में उभरा है। और 2050 तक या उससे पहले व्यापक शद्ध-शून्य उत्सर्जन योजनाओं के साथ संरखित करें।

The significance of inclusivity and the active involvement of developing nations in climate action and the energy transition, as well as the adoption of technologies for climate mitigation, was strongly emphasized.

समावेशिता के महत्व और जलवायु कार्रवाई और ऊर्जा संक्रमण में विकासशील देशों की सक्रिय भागीदारी के साथ-साथ जलवायु शमन के लिए प्रौद्योगिकियों को अपनाने पर जोर दिया गया।

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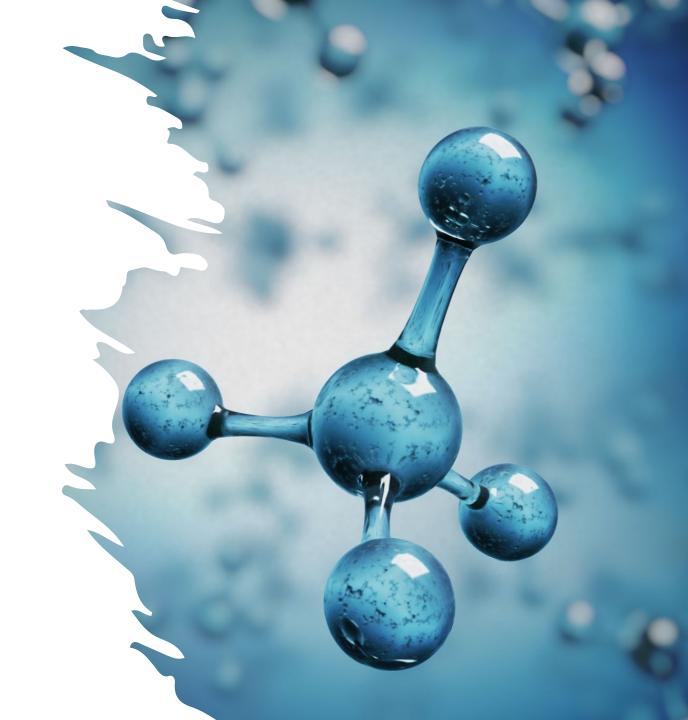
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COP28, or the 28<sup>th</sup> United Nations Climate Change conference is scheduled to be held between November 30 and December 12 in the UAE. COP28, या 28वां संयुक्त राष्ट्र जलवायु परिवर्तन सम्मेलन 30 नवंबर से 12 दिसंबर के बीच संयुक्त अरब अमीरात में आयोजित होने वाला है।

- About:Methane is the simplest <u>hydrocarbon</u>, consisting of one carbon atom and four hydrogen atoms (CH<sub>4</sub>).
  - It is flammable and is used as a fuel worldwide.
- Methane is powerful greenhouse gas.
- Methane has more than 80 times the warming power of carbon dioxide over the first 20 years of its lifetime in the atmosphere.
- के बारे में: मीथेन सबसे सरल हाइड्रोकार्बन है, जिसमें एक कार्बन परमाणु और चार हाइड्रोजन परमाणु (CH4) होते हैं।
- यह ज्वलनशील है और दुनिया भर में ईंधन के रूप में उपयोग किया जाता है।
- मीथेन शक्तिशाली ग्रीनहाउस गैस है।
- वायुमंडल में अपने जीवन के पहले 20 वर्षों में मीथेन की कार्बन डाइऑक्साइड की वार्मिंग शक्ति 80 गुना से अधिक है।

- It has a shorter lifespan in the atmosphere compared to carbon dioxide.
- The common sources of methane are oil and natural gas systems, agricultural activities, coal mining, and wastes.
- कार्बन डाइऑक्साइड की तुलना में वातावरण में इसका जीवनकाल कम होता है।
- मीथेन के सामान्य स्रोत तेल और प्राकृतिक गैस प्रणाली, कृषि गतिविधियां, कोयला खनन और अपशिष्ट हैं।

- The International Energy Agency (IEA) reports that fossil fuel operations generate over one-third of all methane emissions from human activity.
- It is nearly 80-85 times more potent than carbon dioxide in terms of its global warming capacity.
- अंतर्राष्ट्रीय ऊर्जा एजेंसी (IEA) की रिपोर्ट है कि जीवाश्म ईंधन संचालन मानव गतिविधि से सभी मीथेन उत्सर्जन का एक तिहाई से अधिक उत्पन्न करता है।
- यह अपनी ग्लोबल वार्मिंग क्षमता के मामले में कार्बन डाइऑक्साइड की तुलना में लगभग 80-85 गुना अधिक शक्तिशाली है।



### What are the Initiatives to Tackle Methane Emissions?

#### Indian:

- 'Harit Dhara' (HD):
  - Indian Council of Agricultural Research (ICAR) has developed an antimethanogenic feed supplement 'Harit Dhara' (HD), which can cut down cattle methane emissions by 17-20% and can also result in higher milk production.
- Bharat Stage-VI Norms:
  - India shifted from <u>Bharat Stage-IV (BS-IV) to Bharat Stage-VI (BS-VI)</u> emission norms.

- मीथेन उत्सर्जन से निपटने के लिए क्या पहल की गई हैं?
- भारतीय:
- 'हरित धारा' (एचडी):
- भारतीय कृषि अनुसंधान परिषद (ICAR) ने एक एंटी-मिथेनोजेनिक फीड सप्लीमेंट 'हरित धारा' (HD) विकसित किया है, जो मवेशी मीथेन उत्सर्जन को 17-20% तक कम कर सकता है और इसके परिणामस्वरूप दूध का उत्पादन भी बढ़ सकता है।
- भारत स्टेज-। मानदंड:
- भारत भारत स्टेज-IV (BS-IV) से भारत स्टेज-VI (BS-VI) उत्सर्जन मानदंडों में स्थानांतरित हो गया।

- Global: Methane Alert and Response System (MARS):
  - MARS will integrate data from a large number of existing and future satellites that have the ability to detect methane emission events anywhere in the world, send out notifications to the relevant stakeholders to act on it.
- ग्लोबल: मीथेन अलर्ट एंड रिस्पांस सिस्टम (MARS):
- MARS बड़ी संख्या में मौजूदा और भविष्य के उपग्रहों से डेटा को एकीकृत करेगा, जो दुनिया में कहीं भी मीथेन उत्सर्जन की घटनाओं का पता लगाने की क्षमता रखता है, इस पर कार्रवाई करने के लिए संबंधित हितधारकों को सूचनाएं भेजता है।

Global Methane Pledge:

• At the Glasgow climate conference (UNFCCC COP 26) in 2021, nearly 100 countries had come together in a voluntary pledge, referred to as the Global Methane Pledge, to cut methane emissions by at least 30% by 2030 from the 2020 levels.

- वैश्विक मीथेन प्रतिज्ञा:
- 2021 में ग्लासगो जलवाय सम्मेलन (यएनएफसीसीसी सीओपी 26) में, करीब 100 देश 2020 के स्तरों से 2030 तक मीथेन उत्सर्जन को कम से कम 30% तक कम करने के लिए वैश्विक मीथेन प्रतिज्ञा के रूप में सदर्भित एक स्वैच्छिक प्रतिज्ञा में एक साथ आए थे।





**Default Bail** 

- The <u>Supreme Court (SC)</u> has instructed lower courts to consider <u>Default Bail</u> pleas in criminal cases when the charge sheet is not filed within 60 or 90 days, allowing them to grant default bail independently without relying on its own judgment of Ritu Chhabaria versus Union of India (26th April, 2023).
- सुप्रीम कोर्ट (SC) ने निचली अदालतों को निर्देश दिया है कि वे आपराधिक मामलों में डिफॉल्ट जमानत याचिका पर विचार करें, जब चार्जशीट 60 या 90 दिनों के भीतर दायर नहीं की जाती है, जिससे उन्हें रितु छाबरिया बनाम संघ के अपने फैसले पर भरोसा किए बिना स्वतंत्र रूप से डिफॉल्ट जमानत देने की अनुमति मिलती है। भारत (26 अप्रैल, 2023)।

The observations were made by the SC while hearing an Enforcement Directorate

(ED) appeal, seeking the recall of the Ritu Chhabaria judgment.

रितु छाबड़िया के फैसले को वापस लेने की मांग करने वाली प्रवर्तन निदेशालय (ईडी) की अपील पर सुनवाई करते हुए सुप्रीम कोर्ट ने ये टिप्पणियां कीं।

The Ritu Chhabaria judgment held that "the right of default bail under Section 167(2) of the Criminal Procedure Code (CrPC) is not merely a statutory right, but a fundamental right that flows from Article 21 of the Constitution" to protect accused persons from the "unfettered and arbitrary power of the State".

रितु छाबड़िया के फैसले में कहा गया था कि "आपराधिक प्रक्रिया संहिता (सीआरपीसी) की धारा 167(2) के तहत डिफ़ॉल्ट जमानत का अधिकार केवल एक वैधानिक अधिकार नहीं है, बल्कि एक मौलिक अधिकार है जो संविधान के अनुच्छेद 21 से निकलता है" आरोपी व्यक्तियों की रक्षा के लिए "राज्य की अबाध और मनमानी शक्ति" से। • What is Default Bail?

# About:

- This is a right to bail that accrues when the police fail to complete investigation within a specified period in respect of a person in judicial custody.
  - It is also known as Statutory Bail.

Signature

• This is enshrined in Section 167(2) of the Code of Criminal Procedure (CrPC).

- डिफ़ॉल्ट जमानत क्या है?
- के बारे में:
- यह ज़मानत का अधिकार है जो तब बनता है जब पुलिस न्यायिक हिरासत में किसी व्यक्ति के संबंध में एक निर्दिष्ट अवधि के भीतर जांच पूरी करने में विफल रहती है।
- इसे वैधानिक जमानत के रूप में भी जाना जाता है।
- यह दंड प्रक्रिया संहिता (सीआरपीसी) की धारा 167(2) में निहित है।

- Section 167(2) of the CrPC:If the police are unable to complete an investigation
  within a specified period, a person in judicial custody has the right to seek bail.
- When the police cannot finish the investigation within 24 hours, they present the suspect before a magistrate who decides whether the suspect should be held in police custody or judicial custody.
- सीआरपीसी की धारा 167(2): यदि पुलिस एक निर्दिष्ट अवधि के भीतर जांच पूरी करने में असमर्थ है, तो न्यायिक हिरासत में व्यक्ति को जमानत मांगने का अधिकार है।
- जब पुलिस 24 घंटे के भीतर जांच पूरी नहीं कर पाती है, तो वे संदिग्ध को एक मजिस्ट्रेट के सामने पेश करती हैं, जो यह तय करता है कि संदिग्ध को पुलिस हिरासत में रखा जाना चाहिए या न्यायिक हिरासत में।

- According to Section 167(2) of the CrPC, the magistrate can order the accused person to be detained in police custody for up to 15 days.
- If more time is needed, the magistrate can authorize the accused person's detention in judicial custody, which means jail. However, the accused cannot be held for more than:
- सीआरपीसी की धारा 167(2) के अनुसार, मजिस्ट्रेट आरोपी व्यक्ति को 15 दिनों तक पुलिस हिरासत में रखने का आदेश दे सकता है।
- अधिक समय की आवश्यकता होने पर मजिस्ट्रेट आरोपी व्यक्ति को न्यायिक हिरासत में रखने का अधिकार दे सकता है, जिसका अर्थ है जेल। हालांकि, अभियुक्त को इससे अधिक के लिए हिरासत में नहीं रखा जा सकता है:

**Ninety days** if the investigating authority is looking into a crime that is punishable by death, life imprisonment, or imprisonment for at least ten years.

**Sixty days** if the investigating authority is handling any other offense.

नब्बे दिन यदि जांच अधिकारी एक ऐसे अपराध की जांच कर रहा है जो मौत, आजीवन कारावास, या कम से कम दस साल के कारावास से दंडनीय है।

साठ दिन अगर जांच अधिकारी किसी अन्य अपराध को संभाल रहा है।

#### Special Cases:

- Some special laws like the <u>Narcotic Drugs and Psychotropic Substances Act</u>, the time period for investigation may be different, such as 180 days.
- In the <u>Unlawful Activities (Prevention) Act 1967</u>, the default limit is 90 days only, which can be extended to another 90 days.
- विशेष स्थितियां:
- कुछ विशेष कानून जैसे नारकोटिक ड्रग्स एंड साइकोट्रॉपिक सबस्टेंस एक्ट, जांच की समय अविध अलग हो सकती है, जैसे 180 दिन।
- गैरकानूनी गतिविधियां (रोकथाम) अधिनियम 1967 में, डिफ़ॉल्ट सीमा केवल 90 दिनों की है, जिसे और 90 दिनों तक बढ़ाया जा सकता है।

- This extension can be granted only on a report by the Public Prosecutor indicating the progress made in the investigation and giving reasons to keep the accused in continued detention.
  - These provisions show that the extension of time is not automatic but requires a judicial order.
- यह विस्तार केवल लोक अभियोजक की एक रिपोर्ट पर दिया जा सकता है जिसमें जांच में हुई प्रगति का संकेत दिया गया हो और आरोपी को निरंतर हिरासत में रखने के कारण बताए गए हों।
- इन प्रावधानों से पता चलता है कि समय का विस्तार स्वतः नहीं होता है लेकिन इसके लिए न्यायिक आदेश की आवश्यकता होती है।

Mitochondrial
Replacement
Therapy



- The recent news of **a baby born in the UK with three parents' DNA** has sparked curiosity and discussions about the scientific breakthrough behind this remarkable achievement.
- This revolutionary technique, known as mitochondrial replacement therapy (MRT) or three-parent IVF, aims to prevent the inheritance of mitochondrial diseases.
- यूके में तीन माता-पिता के डीएनए के साथ पैदा हुए एक बच्चे की हालिया खबर ने इस उल्लेखनीय उपलब्धि के पीछे वैज्ञानिक सफलता के बारे में जिज्ञासा और चर्चा को जन्म दिया है।
- माइटोकॉन्ड्रियल रिप्लेसमेंट थेरेपी (MRT) या थ्री-पैरेंट IVF के रूप में जानी जाने वाली इस क्रांतिकारी तकनीक का उद्देश्य माइटोकॉन्ड्रियल रोगों की विरासत को रोकना है।

- What is Mitochondria?
- About:
  - Mitochondria are membrane-bound organelles found in the cells of most eukaryotic organisms.
  - They are often referred to as the "powerhouses" of cells because they
    generate the majority of the cell's energy in the form of adenosine
    triphosphate (ATP).
- माइटोकॉन्ड्रिया क्या है?
- के बारे में:
- माइटोकॉन्ड्रिया अधिकांश यूकेरियोटिक जीवों की कोशिकाओं में पाए जाने वाले झिल्ली-बद्ध अंग हैं।
- उन्हें अक्सर कोशिकाओं के "पावरहाउस" के रूप में संदर्भित किया जाता है क्योंकि वे एडीनोसिन ट्राइफास्फेट (एटीपी) के रूप में कोशिका की अधिकांश ऊर्जा उत्पन्न करते हैं।

#### Functions:

- Mitochondria carry out cellular respiration, a process that converts nutrients into ATP.
- Mitochondria convert energy from carbohydrates, fats, and proteins into a usable form for the cell.
- They metabolize glucose to produce ATP, which powers various cellular processes.
- Mitochondria participate in cell signaling pathways, influencing processes like cell growth, differentiation, and apoptosis.

### • कार्य:

- माइटोकॉन्ड्रिया सेलुलर श्वसन करते हैं, एक प्रक्रिया जो पोषक तत्वों को एटीपी में परिवर्तित करती है।
- माइटोकॉन्ड्रिया कार्बोहाइड्रेट, वसा और प्रोटीन से ऊर्जा को कोशिका के लिए उपयोगी रूप में परिवर्तित करते हैं।
- वे एटीपी का उत्पादन करने के लिए ग्लूकोज का चयापचय करते हैं, जो विभिन्न सेलुलर प्रक्रियाओं को शक्ति प्रदान करता है।
- माइटोकॉन्ड्रिया सेल सिग्नलिंग पाथवे में भाग लेते हैं, सेल की वृद्धि, विभेदन और एपोप्टोसिस जैसी प्रक्रियाओं को प्रभावित करते हैं।

#### Inheritance:

- Mitochondria have their own DNA, known as mitochondrial DNA (mtDNA), which encodes a small number of essential proteins.
- In most animals, mtDNA is inherited solely from the mother.
- Mutations in mtDNA can lead to mitochondrial disorders and various health conditions.

#### विरासत:

- माइटोकॉन्ड्रिया का अपना डीएनए होता है, जिसे माइटोकॉन्ड्रियल डीएनए (mtDNA) के रूप में जाना जाता है, जो आवश्यक प्रोटीन की एक छोटी संख्या को एन्कोड करता है।
- अधिकांश जानवरों में, एमटीडीएनए पूरी तरह से मां से विरासत में मिलता है।
- एमटीडीएनए में उत्परिवर्तन माइटोकॉन्ड्रियल विकारों और विभिन्न स्वास्थ्य स्थितियों को जन्म दे सकता है।

## Mitochondrial Diseases:

- Certain mutations in mitochondria can lead to mitochondrial diseases, affecting energy production and impacting various organs, including the brain, nerves, muscles, kidneys, heart, and liver.
- These diseases can result in severe symptoms, such as organ failure, muscle wastage, and even brain damage.

# • माइटोकॉन्ड्यिल रोग:

- माइटोकॉन्डिया में कुछ उत्परिवर्तन से माइटोकॉन्डियल रोग हो सकते हैं, ऊर्जा उत्पादन को प्रभावित कर सकते हैं और मस्तिष्क, तंत्रिकाओं, मासपेशियों, गुर्द, हृदय और यकृत सहित विभिन्न अंगों को प्रभावित कर सकते हैं।
- इन रोगों के परिणामस्वरूप गंभीर लक्षण हो सकते हैं, जैसे अंग विफलता, मांसपेशियों की क्षति, और यहां तक कि मस्तिष्क क्षति भी।

- Unfortunately, there is no cure for mitochondrial diseases, but they can be managed to some extent.
- Few examples of mitochondrial diseases are Leigh Syndrome, Kearns-Sayre syndrome (KSS), Mitochondrial Myopathy and Mitochondrial DNA Depletion Syndrome.
- दुर्भाग्य से, माइटोकॉन्ड्रियल बीमारियों का कोई इलाज नहीं है, लेकिन उन्हें कुछ हद तक प्रबंधित किया जा सकता है।
- माइटोकॉन्ड्रियल रोगों के कुछ उदाहरण हैं लेह सिंड्रोम, केर्न्स-सायर सिंड्रोम (केएसएस), माइटोकॉन्ड्रिय<mark>ल मायोपैथी</mark> और माइटोकॉन्ड्रियल डीएनए डिप्लेशन सिंड्रोम।

What is Mitochondrial Donation Treatment (MDT)/MRT?

#### About:

- To address the issue of mitochondrial diseases, scientists and researchers developed an advanced In Vitro Fertilization (IVF) technique called Mitochondrial Donation Treatment (MDT) or three-parent IVF.
  - This technique involves a complex process to ensure that the baby inherits healthy mitochondria while carrying the genetic material from both biological parents.
- माइटोकॉन्ड्रियल डोनेशन ट्रीटमेंट (MDT)/MRT क्या है?
- के बारे में:
- माइटोकॉन्ड्रियल बीमारियों के मुद्दे को हल करने के लिए, वैज्ञानिकों और शोधकर्ताओं ने माइटोकॉन्ड्रियल डोनेशन ट्रीटमेंट (एमडीटी) या तीन-जनक आईवीएफ नामक एक उन्नत इन विट्रो फटिलाइजेशन (आईवीएफ) तकनीक विकसित की।
- इस तकनीक में यह सुनिश्चित करने के लिए एक जिटल प्रक्रिया शामिल है कि जैविक माता-पिता दोनों से आनुवंशिक सामग्री ले जाने के दौरान बच्चे को स्वस्थ माइटोकॉन्ड्रिया विरासत में मिले।

- The Scientific Process:Identifying Suitable Candidates:
  - The procedure is specifically intended for couples who wish to have their genetic child but do not want to use a donor egg.
- वैज्ञानिक प्रक्रिया: उपयुक्त उम्मीदवारों की पहचान करना:
- प्रक्रिया विशेष रूप से उन जोड़ों के लिए अभिप्रेत है जो अपने अनुवांशिक बच्चे को प्राप्त करना चाहते हैं लेकिन दाता अंडे का उपयोग नहीं करना चाहते हैं।

- Selection of Donor and Biological Parents:
  - The biological mother, who has a mitochondrial disease, provides her eggs, which are fertilized by the biological father's sperm.
    - Additionally, a separate female donor with healthy mitochondria is involved.
- दाता और जैविक माता-पिता का चयन:
- जैविक मां, जिसे माइटोकॉन्ड्रियल रोग है, वह अपने अंडे प्रदान करती है, जो जैविक पिता के शुक्राणु द्वारा निषेचित होते हैं।
- इसके अतिरिक्त, स्वस्थ माइटोकॉन्ड्रिया वाली एक अलग महिला दाता शामिल है।

- Mitochondrial Replacement:
  - The genetic material (DNA) from the donor's egg is extracted and replaced with the genetic material from the biological parents.
    - This creates an embryo with the parents' DNA and the donor's mitochondria.
- माइटोकॉन्ड्रियल रिप्लेसमेंट:
- दाता के अंडे से आनुवंशिक सामग्री (डीएनए) निकाली जाती है और जैविक माता-पिता से आनुवंशिक सामग्री के साथ प्रतिस्थापित किया जाता है।
- यह माता-पिता के डीएनए और दाता के माइटोकॉन्ड्रिया के साथ एक भ्रूण बनाता है।

# Implantation and Pregnancy:

 The modified embryo is then implanted in the uterus and carried to full term, resulting in the birth of a baby free from the mother's mitochondrial disease.

MAKING A THREE-PARENT EMBRY Patient's 'Reconstructed' Healthy nuclear DNA nuclear DNA egg cell fertilised removed from transplanted with sperm in the patient's egg into donor lab and implanted into patient. cell, leaving egg with behind faulty healthy Resulting embryo mitochondrial mitochondrial has three genetic DNA. DNA. parents Patient's Them Nuclear egg DNA cell Faulty Donor's egg cell mitochondrial Reconstructed with nuclear DNA egg DNA removed

## **Potential Side Effects:**

# **Legislation and Approval:**

## **Mitochondrial Disease Statistics:**

- Globally, an estimated 1 in 5,000 people have a genetic mitochondrial disease.
  - Mitochondrial disorders affect approximately one in 6,500 babies in the UK, and around 12,000 people in the country live with such conditions.
  - In the United States, an estimated 1,000 to 4,000 babies with mitochondrial disease are born each year.

- संभावित दुष्प्रभाव:
- विधान और अनुमोदन:
- माइटोकॉन्ड्रियल रोग सांख्यिकी:
- विश्व स्तर पर, अनुमानित 5,000 लोगों में से 1 को आनुवंशिक माइटोकॉन्ड्रियल बीमारी है।
- माइटोकॉन्ड्रियल डिसऑर्डर यूके में 6,500 शिशुओं में लगभग एक को प्रभावित करता है, और देश में लगभग 12,000 लोग ऐसी स्थितियों के साथ रहते हैं।
- संयुक्त राज्य में, हर साल माइटोकॉन्ड्रियल बीमारी वाले अनुमानित 1,000 से 4,000 बच्चे पैदा होते हैं।



The Moroccan locust outbreak in Afghanistan's wheat-producing regions is posing a significant threat to the country's food security and economy.

The outbreak, affecting eight provinces, is expected to destroy **700,000-1.2 million tonnes of wheat**, equivalent to a **quarter of the annual harvest.** 

अफगानिस्तान के गेहूं उत्पादक क्षेत्रों में मोरक्को के टिड्डियों का प्रकोप देश की खाद्य सुरक्षा और अर्थव्यवस्था के लिए एक महत्वपूर्ण खतरा बन रहा है।

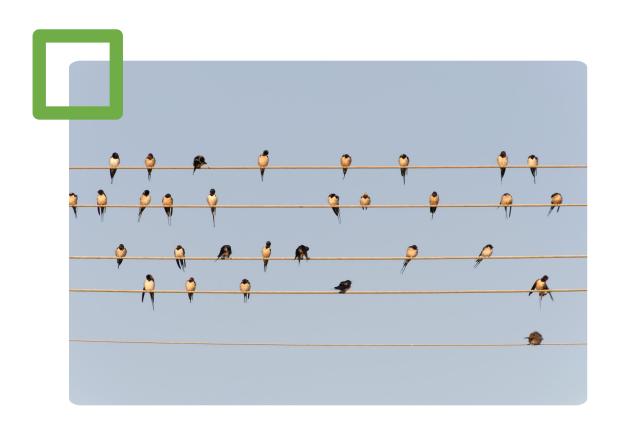
आठ प्रांतों को प्रभावित करने वाले प्रकोप से 700,000-1.2 मिलियन टन गेहूं नष्ट होने की उम्मीद है, जो वार्षिक फसल के एक चौथाई के बराबर है।

If left untreated, the locust population could multiply by a hundredfold in the next year, exacerbating the food security crisis in Afghanistan and **neighboring countries**.

The Moroccan locusts are known as the **most economically** damaging plant pests worldwide.

अगर अनुपचारित छोड़ दिया जाए, तो टिड्डियों की आबादी अगले साल सौ गुना बढ़ सकती है, जिससे अफगानिस्तान और पड़ोसी देशों में खाद्य सुरक्षा संकट बढ़ सकता है।

मोरक्कन टिड्डियों को दुनिया भर में सबसे अधिक आर्थिक रूप से हानिकारक पौधों के कीटों के रूप में जाना जाता है।



World Migratory Bird Day

- World Migratory Bird Day (WMBD) was observed on May 13, 2023, with the theme "Water and its importance for Migratory Bird".
- WMBD is a bi-annual global campaign aimed at raising awareness about migratory birds, promoting their conservation, and emphasizing the importance of preserving their habitats
- विश्व प्रवासी पक्षी दिवस (WMBD) 13 मई, 2023 को "जल और प्रवासी पक्षी के लिए इसका महत्व" विषय के साथ मनाया गया।
- WMBD एक द्वि-वार्षिक वैश्विक अभियान है जिसका उद्देश्य प्रवासी पक्षियों के बारे में जागरूकता बढ़ाना, उनके संरक्षण को बढ़ावा देना और उनके आवासों के संरक्षण के महत्व पर जोर देना है

•

Celebrated on the second Saturday in May and October each year, the campaign is
organized through a collaborative partnership between two United Nations treaties,
the Convention on the Conservation of Migratory Species of Wild Animals (CMS) and the
African-Eurasian Migratory Waterbird Agreement (AEWA), along with the non-profit
organization Environment for the Americas (EFTA).

• .

• प्रत्येक वर्ष मई और अक्टूबर में दूसरे शनिवार को मनाया जाता है, अभियान दो संयुक्त राष्ट्र संधियों, जंगली जानवरों की प्रवासी प्रजातियों के संरक्षण पर सम्मेलन (CMS) और अफ्रीकी- यूरेशियन प्रवासी वाटरबर्ड समझौते (AEWA) के बीच एक सहयोगी साझेदारी के माध्यम से आयोजित किया जाता है ), अमेरिका के लिए गैर-लाभकारी संगठन एनवायरनमेंट (EFTA) के साथ।

# SAMUDRA SHAKTI - 23

- The 4th edition of the India-Indonesia Bilateral exercise, Samudra Shakti-23, commenced as INS Kavaratti, an indigenously designed and built ASW Corvette, arrived in Batam, Indonesia.
- The Other Exercise between India and Indonesia is **Garuda Shakti**, a joint military exercise.
- And India-Indonesia CORPAT is a coordinated patrol between the navies of India and Indonesia, aimed at enhancing maritime security and cooperation in the Andaman Sea and the Straits of Malacca.
- भारत-इंडोनेशिया द्विपक्षीय अभ्यास, समुद्र शक्ति-23 का चौथा संस्करण, आईएनएस कवारती के रूप में शुरू हुआ, जो स्वदेशी रूप से डिजाइन और निर्मित एएसडब्ल्यू कार्वेट है, जो बाटम, इंडोनेशिया पहुंचा।
- भारत और इंडोनेशिया के बीच अन्य अभ्यास गरुड़ शक्ति है, जो एक संयुक्त सैन्य अभ्यास है। और भारत-इंडोनेशिया CORPAT भारत और इंडोनेशिया की नौसेनाओं के बीच एक समन्वित गश्त है, जिसका उद्देश्य अंडमान सागर और मलक्का जलडमरूमध्य में समुद्री सुरक्षा और सहयोग को बढ़ाना है।

Global Report on Internal Displacement 2023 (GRID-2023)

Source: DTE, Internal displacement.org

• The Global Report on Internal Displacement 2023 (GRID-2023) stated that in 2022, over 32 million people were displaced by disasters, 98% of which were triggered by weather-related events such as floods and storms.

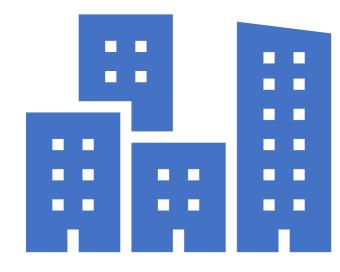
Total Number of IDPs	Over <b>71million IDPs</b> across 110 countries and territories at the end of 2022, a <b>20% increase in a year</b>
Total IDPs in India	Over 6 lakh were from conflict and violence while <b>32 thousand</b> were due to disasters

Pakistan and India	Pakistan had the highest number of disaster displacements in 2022, followed by China and Afghanistan, while India ranked fourth
La Niña's Influence	The prolonged three-year La Niña phenomenon contributed to the rise in weather-related disasters, especially floods, leading to widespread disasters across the globe

Internal Displacement in India – Policy Framework

India does not have a national policy or legal framework to deal with refugees or IDPs and has not ratified the 1951 Convention and 1967 Protocol and does not permit UNHCR access to most refugee groups.

# Agra Smart City



The Agra Smart City had adopted an Al-enabled system capable of detecting various issues such as stray cattle, clogged manholes, traffic rule violations, and even instances of sexual harassment.



आगरा स्मार्ट सिटी ने आवारा मवेशियों, बंद मैनहोल, यातायात नियमों के उल्लंघन और यहां तक कि यौन उत्पीड़न की घटनाओं जैसे विभिन्न मुद्दों का पता लगाने में सक्षम एआई-सक्षम प्रणाली को अपनाया था।

- The Integrated Command and Control Centre (ICCC) monitors the city 24×7 and provides live updates on various aspects, including waste collection, parking violations, adaptive street lighting, environment pollution and overflowing manholes.
- Agra is one of the 22 cities that have successfully completed all projects under the Smart City Mission
- इंटीग्रेटेड कमांड एंड कंट्रोल सेंटर (आईसीसीसी) शहर की 24×7 निगरानी करता है और कचरा सग्रह, पार्किंग उल्लंघन, अनुकल स्ट्रीट लाइटिंग, पर्यावरण प्रदूषण और ओवरफ्लो मैनहोल सहित विभिन्न पहलुओं पर लाइव अपडेट प्रदान करता है।
- आगरा उन 22 शहरों में से एक है, जिन्होंने स्मार्ट सिटी मिशन के तहत सभी परियोजनाओं को सफलतापूर्वक पूरा किया है

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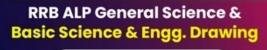


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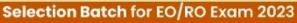


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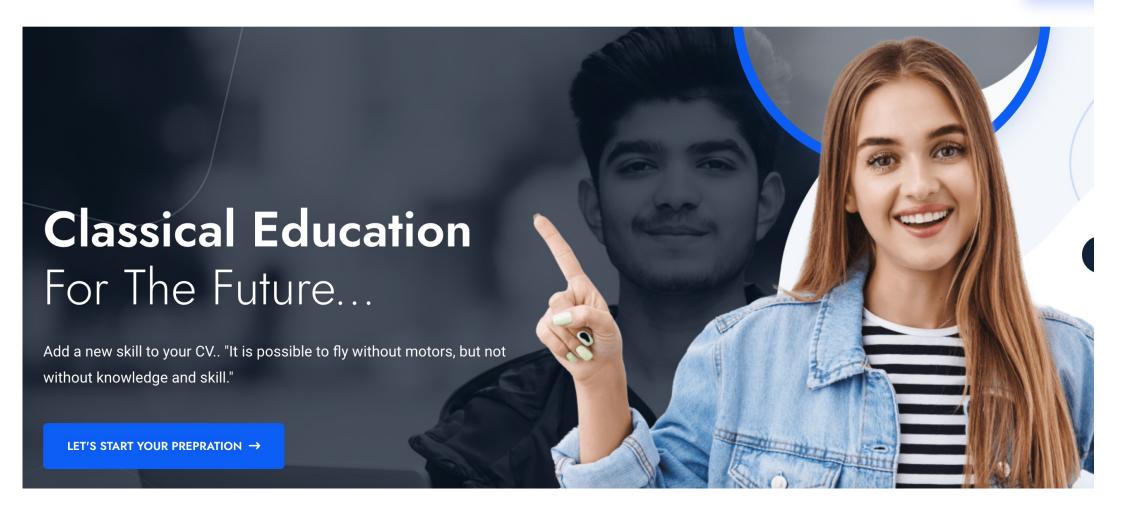
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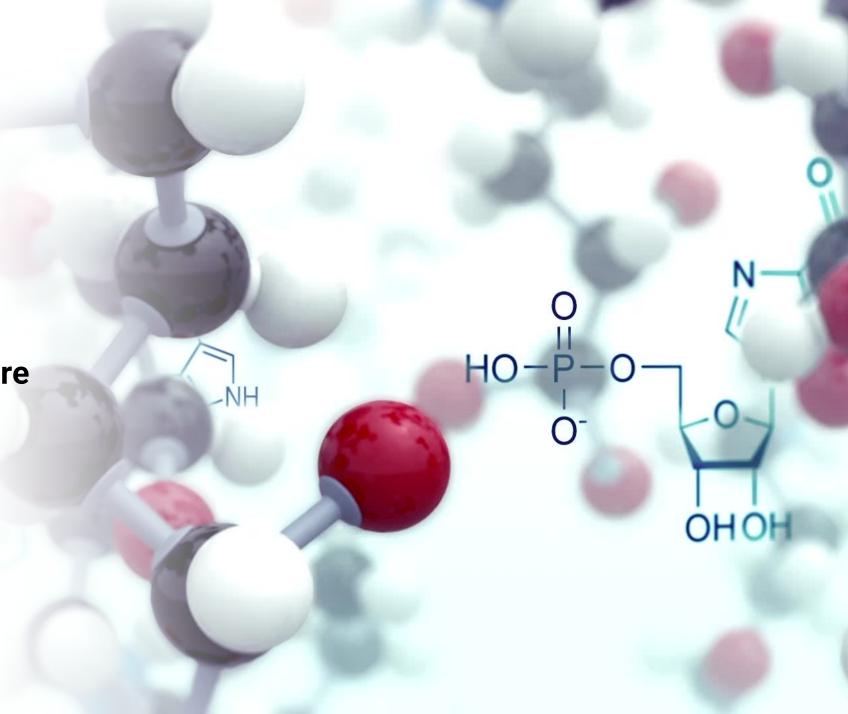




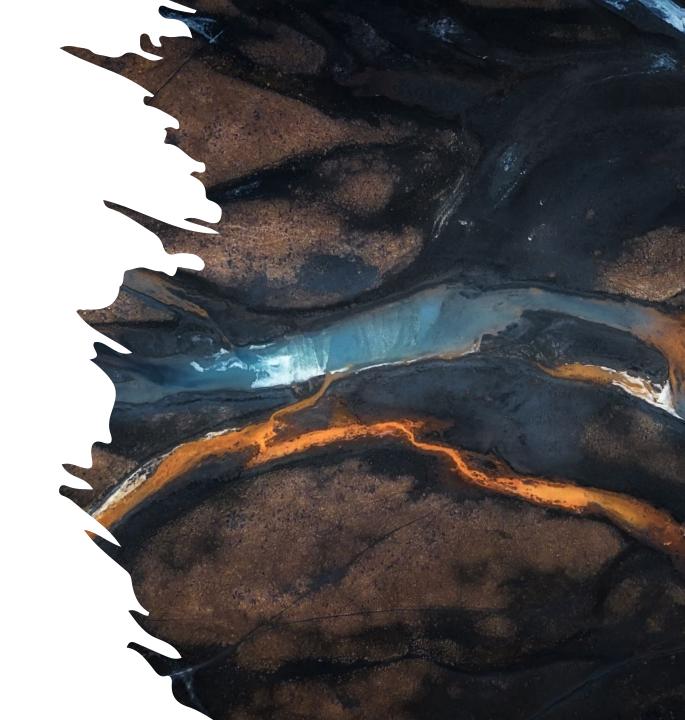




- Consider the following: (2019)
- 1. Carbon monoxide
- 2.Methane
- 3.Ozone
- 4. Sulphur dioxide
- Which of the above are released into atmosphere due to the burning of crop/biomass residue?
- **(a)** 1 and 2 only
  - **(b)** 2, 3 and 4 only
  - (c) 1 and 4 only
  - (d) 1, 2, 3 and 4



- Which of the following statements is/are correct about the deposits of 'methane hydrate'? (2019)
- 1.Global warming might trigger the release of methane gas from these deposits.
- 2. Large deposits of 'methane hydrate' are found in Arctic Tundra and under the sea floor.
- 3. Methane in atmosphere oxidizes to carbon dioxide after a decade or two.
- Select the correct answer using the code given below.
- (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3



- The area known as 'Golan Heights' sometimes appears in the news in the context of the events related to (2015)
- (a) Central Asia
  - (b) Middle East
  - (c) South-East Asia
  - (d) Central Africa



- In the context of hereditary diseases, consider the following statements: (2021)
- 1. Passing on mitochondrial diseases from parent to child can be prevented by mitochondria replacement therapy either before or after in vitro fertilization of the egg.
- 2. A child inherits mitochondrial diseases entirely from mother and not from father.
- Which of the statements given above is/are correct?
- **(a)** 1 only
  - **(b)** 2 only
  - (c) Both 1 and 2
  - (d) Neither 1 nor 2

