Daily Current Affairs









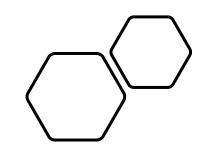


Perfection is not attainable, but if we chase perfection we can catch excellence.

— VINCE LOMBARDI







p Hubball & Mohall is Malappurary is Humbal is Tirupati is Lucknow is Cuttack is Fatra



Hong Kong jails 45 democracy advocates





A community on the margins, its hidden scars Realities of sex workers must be acknowledged



Japan makes India earn its spot in final

INSIDE



Key Maoist leader killed in Karnataka

Karnataka, Vikram Gowda, wa-killed in an alleged exchange of fire between the Anti Naxal Force (ANF) and a team of Maoists, to PAGE 3

Panel probing Manipur conflict collects evidence

NEW DELHI

The three-membe last year by the Union Home Ministry to probe ethnic violence in Manipur is in the middle of collecting evide a senior government official said on Tuesday. » PAGE 4

Dissanayake to visit India mid-December

COLOMBO
Sri Lanka's President Anura
Kumara Dissanayake, who
assumed office in September,
will undertake his first state
visit abroad to India
mid-December, Foreign
Minister Vijitha Herath said on
Monday, However, a date is yet
to be fixed for the visit, sources
said, » PAGE 14

SEBI proposes stricter rules for SME IPOS

Tuesday proposed stricter rule: for SME IPOs by setting a companies going public, doubling the minimum application size and introducing a "draw of lots" nvestors. This move follows a

Maharashtra set to vote today in single phase

Polling will be held for 288 Assembly seats in the State, along with 38 remaining Jharkhand seats

Results will come out on November 23; enforcement agencies report seizures worth over ₹1,000 crore

Bypolls to oneAssembly constituency in Kerala, four seats in Punjab, nine in U.P will also be today

The Hindu Bureau

Wednesday. Votes will be counted on

votes will be counted on November 23. In Maharashtra, where the Mahayuti alliance aims to retain power, the BJP is contesting 149 seats, the Chief Minister Eknath Shinde-led Shiv Sena 81, and Ajit Pawar's Nationalist

Congress Party 59.
On the Opposition front, the Congress has fielded 101 candidates, Uddhav Thackeray's Shiv Sena (UBT) 95, and the Sharad Pawar-led NCP (SP) 86. The Pawar-led NCP (SP) 86. The BSP is contesting 237 and AIMIM 17 seats. In Jharkhand, where the ruling Jharkhand Mukti Morcha (JMM)-led coali-

tion is eyeing a repeat, the BJP is contesting 32 seats and the All Jharkhand Stu-dents Union (AJSU) six seats, whereas in the In-dian National Develop-mental, Inclusive Alliance bloc, the JMM has fielded 20 candidates, the Con-gress I3, the Communist gress 13, the Communist Party of India (Marxist-Le-ninist) four and the Rash-

The JMM and the CPI(ML) will have a "friendly" con-test in the Dhanwar Astest in the Dhanwar As-sembly constituency, while the Congress and the RID will have a Triendly fight in Chattarpur and Bish-con Monday, the Bec-tion Commission said that enforcement agencies had seized cash, liquor, drugs, freebles, and other induce-ment amounts to \$1,000 crove as part of the

The people's choice

constituencies in the final phase in Jharkhand. Bypoils will also be held in 15 Assembly constituencies across four States and a Lok Sabha seat in Maharashtra

tions in Maharashtra, Jharkhand and byelections till now.

till now.

According to EC, Maha-rashtra had 9.7 crore regis-tered voters, including 5 crore men, 4.69 crore wo-

crore men, 4.69 crore wo-men, and 6,101 transgen-der voters as on October 30. Among them, 6.41 lakh are Persons with Disabili-ties (PwD), and 1.16 lakh are service voters from the armed forces.S Given the expanded vo-

polling stations, up from 96,654 in 2019, have been

96,684 in 2019, have been set up.
In the run-up to the his construction of thi

ters' list, over one lakh crore. Precious metals worth ₹83.12 crore, jewel-lery worth ₹2.79 crore, and other items worth ₹36.62 crore have also been con-fiscated. Besides, 2,469 complaints of MCC viola-tions were received via C-

Vigil app, with a 99.31% re-solution rate, officials said.

Maharashtra
Lok Sabha 1

Jharkhand Assembly 38

campaign slogans, such as "Batenge toh katenge" (di-vided we perish) and "Ek hain toh safe hai" (united we are safe), drew sharp

cused the BJP of fomenting communal polarisation. In Jharkhand, Of the 38 In jharkhand, of the 38 seats going to polls in the second and final phase, 27 are general category seats, three are reserved for Scheduled Tribes. About L23 corne voters are listed in the electoral rolls for this phase. The first phase was the first phase the first phase when the first phase was the first phase. The first phase was the first phase was the first phase. The first phase was the first phas

Among the prominent candidates are Chief Minister Hemant Soven (Barhait pana Soren). The pana Soren (Gandey), his brother Basant Soren (Cundey), his brother Basant Soren (Dumka), BJP State president Babulal Marand (Dhanwar), Leader of the Opposition in the Jharkhand Assembly Amar Kuling. Shibu Soren's Shibu S ri), Shibu Soren's daughter-in-law Sita Soren (Jamtara) and the All Jhark-hand Students Union (AJ-SU) chief Sudhesh Mahato

(Silli). Jharkhand Chief Electovoting will be held at 14,218 booths.

booths.

Bypolls to the Nanded Lok Sabha constituency in Maharashtra, one Assembly constituency in Kerala, four seats in Punjab, nine in Uttar Pradesh and one in Uttarakhand will also be held on Wednesday.

Today's haul



Putin signs new Russian nuclear doctrine

Associated Press

President Vladimir Putir President Vladimir Putin on Tuesday signed a re-vised nuclear doctrine de-claring that a conventional attack on Russia by any na-tion that is supported by a nuclear power will be con-sidered a joint attack on his

ountry.

Mr. Putin's endorsement of the new nuclear deterrent policy comes on the 1,000th day after he ent troops into Ukraine, on February 24, 2022.

It follows the U.S. Presi-dent Joe Biden's decision to let Ukraine strike targets inside Russia with U.S.-supplied longer-range mis-siles

ers, and held talks in June and July that are believed to have set the pace for mil-

Biren sends notice to 11 Manipur MLAs who skipped meet

The Hindu Bureau

The Manipur Chief Minis-Ministers, for not attending a meeting convened by Chief Minister N. Biren Singh on Monday to dis-cuss the law-and-order sit-uation in the State. The MLAs asked to ex-plain their absence includ-

pain their assence includ-ed Kshetrigao's Sheikh Noorul Hassan of the Na-tional People's Party (NPP), which withdrew support to the BJP-led go-vernment on Sunday. The NPP, too, served

three of its seven MLAs – Mayanglambam Ramesmayangiambam Rames-whar Singh (Kakching con-stituency), Thongam Shan-ti Singh (Moirang), and Irengbam Nalini Devi (Oi-

nam) — for attending the meeting. "Our Tamenglong MLA, Janghemlung Panmei did not attend the meeting but ture to show he was pre-sent," an Imphal Valley-based NPP leader told The Hindu. Barting Mr. Hassan and

Barring Mr. Hassan and Sapam Nishikanta Singh, an Independent MLA who represents the Keisham-thong seat, all legislators served notices by the Chief Minister's Secretariat are BIP members

Among them, Khumuk-cham Joykisan (Thangmei-band) and Md Achab Ud-



Jairam Ramesh referred to the turnout at Monday's meeting to assert that the "writing on the wall is clear" for the BJP in

Manipur. "The Manipur Assembly show-cause notices to has 60 MLAs, Last night has 60 MLAs. Last night, the CM of Manipur called a meeting in Imphal of all MLAs belonging to the NDA. Other than him, only 26 showed up. Of these 26, 4 belong to the NPP whose

was Manipur's Rajya Sabha member Leishemba Sanajaoba. After the NPP pulled out the NDA in Menious

out, the NDA in Manipur has 46 MLAs. Eight of them, including seven o the BJP, are Kuki-Zo MLAs broke out on May 3, 2023.

India, China discuss return of flights at G-20 summit

A month after India and China announced that they would disengage their troops along the Line of countries have agreed to discuss the "next steps" in their relationship, including the resumption of direct flights, visas, journalist permissions, river-data sharing and allowing Indian pilgrims to Kailash

This appouncement was This announcement was made after External Affairs Minister S. Jaishankar met with Chinese Foreign Mi-nister Wang Yi on the side-lines of the G-20 summit in Rio de Janeiro on Monday, their first interaction since

and a meeting between Prime Minister Narendra Modi and Chinese Presi-

dent Xi Jinping in Russia. "The Ministers recog nised that the disengage-ment in our border areas had contributed to the maintenance of peace and of External Affairs (MEA)

presentatives and of the Foreign Secretary-Vice Mi-nister mechanism will take

External Affairs Minister S. Jaishankar meets China's Foreign Minister Wang Yi in Rio de Janeiro on Monday. ANI

Foreign Secretary Vikram Misri and his counterpart. The Ministry said India had been "principled", "consistent", and indepen-dent in its actions, and was "against unilateral ap-

proaches to establish

tive" engagement between India and China at BRICS,

the Shanghai Cooperation Organization, and G-20. The meeting came as Mr. Modi and Mr. Xi ar-rived in Rio to address the G-20 summit. Mr. Modi the LAC.
According to a state-ment by the Chinese Minis-try of Foreign Affairs, Mr.
Wang had said that "China-India relations have been restarted and re-launched" held bilateral talks with the

leaders of a number of countries, including Brazil, countries, including Brazil, Indonesia, Italy, the United Kingdom, and Australia, while exchanging greetings with others on the side-lines of the summit. Offi-cials said, however, that no after the Modi-Xi meeting in Kazan on October 23. In particular, he mentioned the lack of direct flights, the lack of direct flights, which were originally sus-which were originally sus-ble originally sus-which were considered to the tensions at the LAC, and considered the top lant to commemorate the 78th year of their diplo-matic engagement in 2025.



Govt. asks States, U.T.s to hold surveys on household latrines

The Centre has directed all States and Union The Centre has directed all States and Union Territories to conduct ground-level surveys to identify existing gaps and expedite the construction of individual household latrines as part of World Tollet Day on Tuesday. Also, to reinforce efforts towards sustaining the Open reinforce efforts towards sustaining the Open Defecation Free (ODF) status, it has directed that registration drives and camps be organised. The Centre said that India has launched the campaign 'Hamara Shauchalay: Hamara Samman', linking sanitation with human rights and the universal need for dignity and privacy.

Delhi HC summons OpenAI on ANI's plea against ChatGPT

The Delhi High Court on Tuesday issued summons to OpenAI, which operates ChatGPT, in a suit filed by Asian News International (ANI) over he use of its news content "without any licence or permission", to provide services to its users. It alleged OpenAI of unlawfully storing its content. which are then used to train the Large Language Model (LLM) to generate results by "extensively copying or closely summarising the plaintiff's (ANI) works*. "These results reproduce the exclusive content and emulate even the ma exclusive content and emulate even the manne of presentation of the plaintiff's works without

Govt. allows self-survey for Phase 2 of PM Awas Yojana

For the first time since the beginning of the flagship rural housing scheme — Pradhan Mantri Awas Yoja-pa Gramin in 2016, the Pradhan Mantri Awas Yojana-Gramin – in 2016, the
Union Rural Development
the Union Rural Development
survey for beneficiaries.
For the second phase of
the PMAY-G programme,
which has a target of 2conducting a survey to
identify the beneficiaries.
As part of this, training of
2.6 lakh surveyors was
completed last week.

2.6 lakh surveyors was completed last week. "This is to ensure that no one is left behind. It al-so leaves little ground for complaints that a surveyor did not include a house-hold because of bias or prejudice," an official at the Ministry said. The The government is using The government is using many properties of the con-traction of the c

mobile application, Awaas+, for recording the data. The limitation for the self survey is that multiple applications or beneficiar ies cannot be surveyed us ing one phone. In August, the Union Ca-

binet had sanctioned a to-tal outlay of ₹3,06,137 crore for the second phase of the

Paying 'huge costs' for climate action, savs India at COP29

Countries have entered into final week of negotiations; India says

s part of India's offi-cial statement on Tuesday at the Conference of Parties (COP29) in Baku, Union Minister of State Kirti Vardhan Singh

State Kirti Vardhan Singh said "huge costs" were be-ing levied upon India for the voluntary "climate ac-tion" it was undertaking. Countries have entered into the final week of nego-tiations and are expected to decide on a new finan-cial target that would facili-away from a fossil fuel economy.

"COP29 is the COP for Climate Finance – the New Collective Quantified Goals on Climate Finance for mo-bilising climate finance for meeting the needs and priorities of developing countries. We all need to countries. We all need to appreciate that huge costs are being imposed on a de-veloping country like ours for undertaking climate ac-tions," India submitted.



voluntary commitments to curb emissions from the use of fossil fuel, known as Nationally Determined Contributions (NDC), the upper limit of carbon emis-sions that the atmosphere can support, to have a shot at preventing tempera-tures from going past the 1.5 degrees Celsius mark, it was likely to breached by the end of the decade, In-

"It is imperative, there-fore, that the developed countries show leadership in mitigation actions, as re-

ing their net zero targets but providing enough car-bon space for developing countries like ours to deve-

lop," the statement added. Despite not being a con-tributor to the problem, countries in the Global South are bearing a huge financial burden on account of climate actions for mitigation on the one hand, and losses and damages caused by climate change on the other, thus severely limiting their capacity to meet their developmental

Study finds 3 drug combos effective against high BP

The Centre for Chronic Dis-ease Control (CCDC), a non-profit organisation, on Tuesday announced the completion of a study on drug treatment optimisa-tion for blood pressure in India.
The research initiative

tested the effectiveness of three double anti-hyper-tensive pill combinations tensive pill combinations in South Asian populations with uncontrolled hypertension. Conducted over two years in collaboration with the All India institute of Medical Sciences and imperial College, London, the study demonstrated that all the three combination of the college in regulating blood pressure.

blood pressure. The study evaluated amlodipine and perindopril, amlodipine and indapamide, and perindopril and indapamide, and revealed that all three combinations

pressure below 140/90 mmHg.

high BP. This is the first the choice of anti-hyper tensive in them.

tensive in them.
"These findings will provide clinicians a road map
for addressing the burden
of hypertension," the re-

mmHg.

This is five times the current BP control rates in In dia with just a single pill and that all combinat a schieving blood pressure
BIP control od pressure
South Asians account
for 25% of the global population, and India alone is
burdened with over 300

achieving blood pressure
demonstrated an excellent safety profile, with less
withdrawing due to adverse effects, attesting to
the tolerability of study
drugs.

T.N. has highest number of women councillors: report

The Hindu Bureau NEW DELHI

Nearly 46% of the council. lors in India are women, and in 19 out of the 21 cap and in 19 out of the 21 cap-ital cities that have active urban local bodies, includ-ing Patna, Shimla, Ranchi and Bhubaneswar, the fi-gure goes well over 60%. Among the States, Tamil Nadu has the highest num-ber of women procillors.

ber of women councillors, according to a road map on urban transformation in India released on Tuesday. The other States in the top 10 are Rajasthan, Mad-hya Pradesh, Maharashtra,

Andhra Pradesh, Karnata ka. Urtar Pradesh, Kerala. Bihar and Chhattisgarh.
According to the report
"Road map for India's citysystems reforms" by Januagraha, a not-for-profit organisation, 17 States have
legislated for 50% women's
quota, over the constitution of the constitution
that the constitution of the con

urban transformation, namely place-based gover-

Breaking the glass ceiling

nance of India's cities, decentralised participatory governance, and building State capacities.

It makes a strong case for implementing a ruralurban transition policy to facilitate planned urbani-sation of fast-urbanising villages, highlighting that approximately 1,000 of them have already transi-

them have already transi-tioned to cities since Cen-sus 2011.

In order to embed place-based governance in the governments, it makes an important recommen-dation to reimagine the Mi-nistry of Housing and Ur-

ban Affairs and State Urban departments as Ministries or departments for regional economies and loare organised around re-gions and focused on strengthening local self-go-vernment institutions, and

sources.

It reiterates the significance of strengthening local governments and facilitating citizen participation
through the amendment
and implementation of the
74th constitutional

SC to examine plea of | Daniel Barenboim and actor Amol Palekar on film censorship

The Hindu Bureau NEW DELHI

The Supreme Court on Tuesday decided to examine veteran actor Amol Palekar's plea that the fate of cinematic art banked on the "erratic, subjective interpretation" of the members of the Central Board of Film Certification (CBFC), whose essential oualifications are not even qualifications are not even specified in law.

A Bench of Justices B.R. Gavai and K.V. Viswanathan decided to hear in Janu-ary Mr. Palekar's petition, pending since 2017, that 1952 does not specify any qualifications for the mem-the examining committee or revising committee or even the Flm Certification Mr. Palekar, represent-ed by senior advocate Ar-vind Datar, said this nebu-almost guaranteed the an decided to hear in Janu-

almost guaranteed the

"subjective interpretat

"subjective interpretation of overboard, imprecise guidelines in the hands of unqualified Members". How could members whose qualifications were not specified sanction what films were fit for public viewing and require filmmakers to make cuts, deletions, and alterations, he said. "This is a very unhe said. "This is a very un-fair and unreasonable res-triction on the filmmakers' freedom of speech," Mr.

Palekar said in his petition. The veteran actor and filmmaker had apfilmmaker had ap-proached the top court after three of his documentaries - Aakriet, Daayara and Thang/Quest – were subject to many hurdles for certification. Mr. Palekar argued that

Mr. Palekar argued that documentaries should be excluded from the purview of the 1952 Act. He con-tended that a documen-tary did not fall within the definition of a "cinemato-graph film" under Section 2(c) and 2(dd) of the Act.

SUDOKU

Ali Abu Awwad presented Indira Gandhi Peace Prize

Kallol Bhattacherjee

The Indira Gandhi Prize for Peace, Disarmament, and Development for 2023 was presented to classical planist and conductor Daniel Barenboim and Palestinian peace activist Ali Abu Awwad on Tuesday, Mr. Barenboim was selected for his contribution to foster peace through

to foster peace through musical and cultural dialogue initiatives and Mr. Awwad for his advocacy for dialogue through his organisation Roots, an out-fit that he started after

fit that he started after spending time in jail.
Accepting the prize, Mr. Awwad recounted that he was imprisoned in Israel in 1990 when he and his mother carried out a hunger strike for 17 days. "What makes us human is our ability to recognise each other and protect digenter of the protect human," he said.



was hurt when his brother was shot and killed by Israeli soldiers but he decid-

raeli soldiers but he decided not to seek revenge.
"Because I was strong enough to let go."
He recounted his meetthe recounted his meetwho had died because of
Palestinian attacks, and said that he found humanity among the Jewish victims of violence as well.

"I realised that my enemies. There was a tremenmies. There was a tremen-

mies. There was a tremen-

manity," he said, adding, "Our non violence struggle

In his ramark Shivehan.

SM

- Displays a dog's head inside? No, it's dogs (7)
 Topic of those people to procure drugs (5) Secure right inside, bad debts heartlessly collected (9)

- Holy man worried, people tense with announcement (9)
- 15 Hoty man worried, people tense with announcement (9)
 8 Say, youngsters have support, trouble's overcoming hesitation (9)
 21 Bengali gentleman's at a corner, observe (5)
 22 Quality of tea? Light at the end in stock, right! (9)
 23 Sisters are full of love for places, things, animals etc. (5)
- 26 Painful back, one on wear (7)
- 2 Fantastic, super pouch (5)
- 3 Group put fish in box, right? No, the other way round (9) 5 Asia tour arranged omitting old country (7)
- Eradicate cholera selectively, not entirely (5)
 Neither partner's article on force pertains to direction (8)
- 8 Employed? Outspend frequently (4) 14 Cruel Eva tortured hiding in lift (8) Key German city on trial to end racism primarily (9) Arrest Sue distributing fortunes (9)
- 20 Saint called Chief Executive? It's odd (7)
- 22 Bolt loses lead in team (4) 23 The greatest being, oddly dismissed as stranger (5)
 25 University (Oxford) joins new coalition (5)

8 9 6 6 5 9 4 2 5 4 3 8 4 5 3 4 9 1 3 6

FATOR

Annapoorni, the provider

The legend of Annapoorni is fabled and well known as the without any shortages. Her name has Poorna - completeness - in it, signifying a lesser appreciated aspect that she nourishes not just the body but also is a source of gnana completeness - in it, signifying a lesser appreciated aspect that she nourishes not just the body but also is a source of gnana completeness of the significant shallows are established in temples all over the country but the foremost amongst them is the Annapoorni in Kasi. Here, the delpt is seen holding grains in

one hand and a ladle in the other, symbolising her status as a nourisher. The Annapoorni deity in Kasi is on a par with Kasi Viswanatha for many reasons. Foremost, it is here that Lord Siva received 'dosha parihar' from the god-dess, for removing the fifth head of Brahma, which had become a repository of ego. However, despite the act be-ing for a good cause, there was a sin attached to it. Siva's hand underwent purification from that act, when he got bhiksha (alms) from Annapoorni. It is also here that Shree Annapoorni descended on earth and relieved the people

Annapoorni descended on earth and relieved the people of Kasi from the severe famine they were reeling under. The immense power of the deity is captured in Adi San-kara's Sree Annapoorna Stotram, wherein he beseeches the goddess to nourish him not only with food but also trient food. Oh Parvati devi, give me as alms wisdom and mental strength so that I am never deficient in these... Oh Parvati Annapoorna, always full of benevolence, grant us alms for the sake of securing knowledge and detachment, and we will be the sake of securing knowledge and detachment, and we will be deficient in any form of nourishment. day will not be deficient in any form of nourishment.

SC to examine plea of actor Amol Palekar on film censorship

The Hindu Bureau

NEW DELHI

The Supreme Court on Tuesday decided to examine veteran actor Amol Palekar's plea that the fate of cinematic art banked on the "erratic, subjective interpretation" of the members of the Central Board of Film Certification (CBFC), whose essential qualifications are not even specified in law.

A Bench of Justices B.R. Gavai and K.V. Viswanathan decided to hear in January Mr. Palekar's petition, pending since 2017, that the Cinematograph Act of 1952 does not specify any qualifications for the members of the Board and/or the examining committee or revising committee or even the Film Certification Appellate Tribunal.

Mr. Palekar, represented by senior advocate Arvind Datar, said this nebulousness in cinema law almost guaranteed the

"subjective interpretation of overboard, imprecise guidelines in the hands of unqualified Members". How could members whose qualifications were not specified sanction what films were fit for public viewing and require filmmakers to make cuts. deletions, and alterations, he said. "This is a very unfair and unreasonable restriction on the filmmakers' freedom of speech," Mr. Palekar said in his petition.

The veteran actor and filmmaker had approached the top court after three of his documentaries – *Aakriet*, *Daayara* and *Thaang/Quest* – were subject to many hurdles for certification.

Mr. Palekar argued that documentaries should be excluded from the purview of the 1952 Act. He contended that a documentary did not fall within the definition of a "cinematograph film" under Section 2(c) and 2(dd) of the Act.

Daniel Barenboim and Ali Abu Awwad presented Indira Gandhi Peace Prize

Kallol Bhattacherjee

NEW DELHI

The Indira Gandhi Prize for Peace, Disarmament, and Development for 2023 was presented to classical pianist and conductor Daniel Barenboim and Palestinian peace activist Ali Abu Awwad on Tuesday.

Mr. Barenboim was selected for his contribution to foster peace through musical and cultural dialogue initiatives and Mr. Awwad for his advocacy for dialogue through his organisation Roots, an outfit that he started after spending time in jail.

Accepting the prize, Mr. Awwad recounted that he was imprisoned in Israel in 1990 when he and his mother carried out a hunger strike for 17 days. "What makes us human is our ability to recognise each other and protect dignity. This is what makes us human," he said.



The Indira Gandhi Peace Prize was presented to Daniel Barenboim, left, and Ali Abu Awwad on Tuesday. SPECIAL ARRANGEMENT

He recounted that he was hurt when his brother was shot and killed by Israeli soldiers but he decided not to seek revenge. "Because I was strong enough to let go."

He recounted his meetings with Israeli victims who had died because of Palestinian attacks, and said that he found humanity among the Jewish victims of violence as well.

"I realised that my enemies were not just enemies. There was a tremendous humanity behind. I could see the Jewish humanity," he said, adding, "Our non violence struggle for Palestinian struggle has to pass through Jewish hearts and not through Jewish bodies."

In his remark, Shivshankar Menon, former Foreign Secretary and member of the Indira Gandhi Memorial Trust, described the initiatives by Mr. Barenboim and Mr. Awwad as "exemplary". The event was held in virtual mode. • . The prize carries a cash award of 2.5 million Indian rupees and a citation. A written work, in order to be eligible for consideration, should have been published

2015 ^[30]	UNHCR	UNHCR The UN Refugee Agency	est. 1950	United Nations	United Nations High Commissioner for Refugees
2017 ^[1]	Manmohan Singh		b. 1932	India India	Former Prime Minister, Finance Minister, and Governor of the Reserve Bank of India
2018 ^[31]	Centre for Science and Environment		founded 1980	■ India	Not-for-profit public interest research and advocacy organisation based in New Delhi, India.
2019 ^[32]	Sir David Attenborough	ascending	b. 1926	United Kingdom	World renowned English broadcaster and natural historian
2021 ^[33]	Pratham		founded 1995	■ India	Pratham is an innovative not-for- profit learning organization created to improve the quality of education based in India.
2022 ^[34]	Indian Medical Association and The Trained Nurses Association of India (jointly)			■ India	The award was for every doctor, nurse, paramedic, and workers for their selfless service during the COVID-19 pandemic
2023 ^[35]	Ali Abu Awwad & Daniel Barenboim (jointly)			State of Palestine & Argentina	Awwad is an eminent peace activist & Maestro Barenboim is an Argentine-born distinguished classical pianist

Text&Context

THE MOON HINDU

NEWS IN NUMBERS

Highest-ever daily ridership recorded in the Delhi metro

78.67 In takh passenger journeys, Amid the severe pollution gripping the national capital, Delhi Metro recorded its highest-ever daily ridership on November 18, with a staggering 78.67 lakh passenger journeys, according to official data. Pri

Number of children killed in Lebanon in under two months

The UN said that over 200 children have been killed iin Lebanon since Israel escalated its attacks targeting Hezbollah, James Elder, spokesman for UNICEF, said that their deaths are met with inertia from those able to stop this violence. Are

Leaders indicted by Pakistan court in relation to 2023 riots

Shah Mahmood Qureshi, Pakistan's former foreign minister and vice-president of jailed former prime minister Imran Khan's party, and 20 other leaders were indicted by an Anti-Terrorism Court (ATC) on multiple charges related to the May 9, 2023

Number of children in LMICs lacking access to adequate nurture

In million children, In low-and middle-income countries (LMICs), three-fourths of the countries of the years lack access to adequate nurture, thereby risking healthy development, according to a new series paper, published in The Concer journal. "

Activists sentenced in Hong Kong's biggest national security case

These ex-lawmakers and These ex-lawmakers and activists were sentenced to four to 10 years in prison in Hong Kong's biggest national security case under a Beijing-imposed 2020 national security law that crushed a pro-democracy

COMPLETE BY THE HIMDU DATA TEAM

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

The dangers of high-altitude sickness

How does high-altitude sickness occur? How will a mandatory registration system for tourists visiting the Himalayas improve measures to tackle the illness? How can the sickness be treated? What are some preventive measures one can take before embarking on scaling the Himalayas?

EXPLAINER

Tikender Singh Panwar Malay Sarkar

The story so far:

n September, a trekker from Idukki, Kerala, died in Uttarakhand while attempting to scale Garur Peak due to respiratory failure. Every year, to respiratory failure. Every year, numerous tourists like this succumb to the effects of high-altitude sickness in the pristine but challenging inner Himalayas. These regions present hidden dangers due to their extreme altitudes, where thinner air and reduced oxygen can lead to potentially fatal conditions.

What is high-altitude sickness?
High-altitude sickness, or Acute Mountain
Sickness (AMS), occurs when the body
cannot acclimatise to high elevations,
As altitude increases, the air pressure and
oxygen levels decrease, leading to
hypoxia – a shortage of oxygen in the
body's tissues. Early symptoms of AMS
include headache, nuises, fatigue, and
can escalate into high-altitude pulmonary
edemn (HAPE), a life-threatening edema (HAPE), a life-threatening condition where fluid accumulates in the lungs, or high-altitude cerebral edema (HACE), where fluid collects in the brain. Both conditions require immediate medical intervention, and descent to lower altitudes is often the only way to

prevent fatal outcomes.
At higher altitudes, the body tries to At higher altitudes, the body tries to adjust by increasing the breathing rate, which can cause hyperventilation, and produce more red blood cells to carry oxygen, which thickens the blood and strains the heart. In cases of HAPE, fluid accumulation in the lungs exacerbates breathing difficulties, while HACE causes symptoms like confusion, hallucinations,

What are the infrastructural issues? While the Himplayan States witness a



ttions: A view of the snow covered Himalayas mountain range, as seen from Shimla,

teady stream of tourists, healthcare facilities beyond major towns like Shimla are inadequate to handle cases of high-altitude sickness. Leh, in the Union Territory of Ladakh, serves as a model, having developed specialised facilities for high-altitude ailments. Yet, most high-altitude allments. Yet, most high-altitude regions lack this kind of infrastructure. Immediate and preventive health measures are also lacking. Basic preventive screenings or health checks at entry points for tourists venturing into high-altitude areas could save lives. Such protocols could mirror the erstwhile "Inner Line Permit" system, whereby tourists entering high-altitude zones such as Kinnaur or Lahaul-Spiti undergo

What about a registration system?
To better manage high-altitude tourism, it

is essential to implement a mandatory is essential to implement a frantisiony registration system for tourists entering remote mountain areas. Registrations, stored in a State government database, would allow authorities to monitor tourist movement and respond swiftly in case of emergencies. Such records would also support research on high-altitude illnesses by tracking demographic patterns and risk factors, helping scientists better understand how altitude impacts various populations.

What about early intervention? The primary cause of high-altitude sickness is rapid ascent without allowing the body time to acclimatise. Gradual the body time to acclimatise. Gradual ascent, which allows the body to adapt to lower oxygen levels, is the best way to prevent high-altitude illnesses. According to the Wilderness Medical Society. should take a rest day every 3-4 days and

For travellers at moderate to high risk of AMS, doctors recommend medicati like Acetazolamide, which aids acclimatisation by promoting better oxygenation, or Dexamethasone, a steroid that reduces inflammation in se ises. Those with a history of HAPE may take Nifedipine as a preventive meas starting a day before ascent. However, prophylactic medication guarantees prophylactic medication guarantees complete immunity, and anyone travelling to high altitudes with pre-existing health conditions should first consult with a doctor familiar with

What are the treatment strategies? Symptoms usually improve significantly with a descent of 300-1,000 metres. Supplemental oxygen or a portable hyperbaric chamber, if available, can also help alleviate symptoms of AMS and nyperoant chamber, it available, can also help alleviate symptoms of AMS and HACE in emergencies. Pharmacological treatments, such as acetazolamide and dexamethasone, may provide short-term relief, but descent remains the cornerstone of treatment.

What are some policy proposals? The following steps are recommended – establish state-of-the-art medical facilities in high-altitude regions of the Himalayas; create research centres dedicated to studying high-altitude illnesses; equip Himalayan States with air-ambulance services for rapid medical evacuation ir emergencies; and provide health and safety information on government

satety information on government websites and at check-in points. Tikender Singh Panwar is former deputy mayor of Shimia and is working in the Himalayan region for sustainable development. Dr. Malay Sarkar is Head of the Department of Pulmonary Medicine, IGMC, Shimila

THE GIST

handle cases of high-altitude

The primary cause of high-altitude sickness is rapid scent without allowing the body time to acclimatise. Gradual ascent, which allows the body to adapt to lower oxygen levels, is the best way to prevent high-altitude

Is imposing tariffs on Chinese imports a good idea?

What will be the impact of the move on the U.S. economy as well as the Chinese economy? Will the imposition of such tariffs trigger another global trade war?

B. Bhagwan Das

The story so far: onald Trump, the President-elect of the U.S., has promised to impose tariffs of up to 60% on Chinese imports to correct the huge trade deficit the U.S. has with China and also as a punitive measure to make China reduce the subsidisation of its domestic production, which make Chinese goods cheaper and attractive to American consumers as compared to locally produced American goods. He has also threatened to impose 10% import tariffs on imports from European Union.

What will be the impact? The imposition of tariffs by the U.S. will raise the domestic price of such products in U.S. markets. If the tariffs are across the board and cover a large part of consumer goods sold in the U.S., then it will increase domestic inflation. However, if it helps to reduce the overall trade deficit of the U.S., it may improve the value of the U.S. dollar and moderate domestic inflation. If the tariffs shift consumption away from Chinese goods and other imported goods, it will boost domestic production and increase domestic supply of consumer goods and help moderate inflation.

However, if China and other countries respond with appropriate tariffs of their own on American goods, triggering another round of global trade wars, the intended policy impact of the action on the trade balance between the U.S. and its

the trade balance between the U.S. at major trading partners, may not materialise to the desired extent. On the contrary, it could have a debilitating impact on global commo-prices, and worsen inflation in most countries.

How will it materially translate? Consider the following hypothetical example: Assume a shirt costs 724 Chinese yuan in China and is sold in the

U.S. market for a \$100, based on the current U.S. dollar-Chinese vuar exchange rate of \$1:CN¥7.24. Let us also assume, that the same shirt can be supplied by U.S. manufacturers domestically for \$105 or 760.20 sestically for \$105 or 760.2 Chinese yuan. Since they are overpriced, Chinese producers capture the U.S. market and set the domestic price of a shirt in the U.S. at \$100. At this price, U.S. producers are

SIOO. At this price, U.S. producers are unable to compete with Chinese unable to compete with Chinese. Now if the U.S. imposes a 10% importantial or the U.S. importantial or the U.S. imposes a 10% importantial or the U.S. impo

imports are no longer attractive to American buyers. The American producers are happy as they make a profit producers are happy as they make a profit is 5105 while the tariff-inclusive price in the U.S. market is \$110. The Chinese exporters will have to bear the 10% import tariff on their exports, which in Chinese currency is equal to 72.4 yuan at the prevailing covernment decides to support its textile government decides to support its textile exporters, it can adopt any one of the following policy: subsidy of 72.4 Yuan per shirt; devalue the yuan by 10%; or lower its Central the yuan by 10%; or lower its Central Bank interest rate and increase stimulus spending in the economy, so that the dollar-yuan exchange rate depreciates by 10% to reach \$1 equals 7.964 yuan.

At this exchange rate, the Chinese garment exporters will receive 796.4 Chinese yuan per shirt, pay the U.S. import tax of 72.4 Chinese yuan and import tax of 7.2.4 Chinese yuan per shirt as their export earnings, the amount they got per shirt prior to the 10% import tariff. The risk to the Chinese economy could be in the form of a rise in its domestic rate of inflation due to a devalued or inflation due to a devalued or depreciating currency. But if these policy interventions help in boosting domestic production and exports, the risk may be offset by increased GDP growth. Bhagwan Das is former head and

President-elect of the U.S., has promised to impose tariffs of up to 60% on Chinese imports

The imposition or came system.

U.S. will raise the domestic price of such products in U.S. markets. If the tariffs are across the board and cover a large part of consumer goods sold in

If China and other countries if China and other countries; which are threatened by U.S. tariffs, respond with appropriate tariffs of their own on American goods, it will trigger another round of global trade wars.

Is imposing tariffs on Chinese imports a good idea?

What will be the impact of the move on the U.S. economy as well as the Chinese economy? Will the imposition of such tariffs trigger another global trade war?

B. Bhagwan Das

The story so far:

onald Trump, the President-elect of the U.S., has promised to impose tariffs of up to 60% on Chinese imports to correct the huge trade deficit the U.S. has with China and also as a punitive measure to make China reduce the subsidisation of its domestic production, which make Chinese goods cheaper and attractive to American consumers as compared to locally produced American goods. He has also threatened to impose 10% import tariffs on imports from European Union.

What will be the impact?

The imposition of tariffs by the U.S. will raise the domestic price of such products in U.S. markets. If the tariffs are across the board and cover a large part of consumer

goods sold in the U.S., then it will increase domestic inflation. However, if it helps to reduce the overall trade deficit of the U.S., it may improve the value of the U.S. dollar and moderate domestic inflation. If the tariffs shift consumption away from Chinese goods and other imported goods, it will boost domestic production and increase domestic supply of consumer goods and help moderate inflation.

However, if China and other countries which are threatened by U.S. tariffs, respond with appropriate tariffs of their own on American goods, triggering another round of global trade wars, the intended policy impact of the action on the trade balance between the U.S. and its major trading partners, may not materialise to the desired extent.

On the contrary, it could have a debilitating impact on global commodity prices, and worsen inflation in most countries.

How will it materially translate?

Consider the following hypothetical example: Assume a shirt costs 724 Chinese yuan in China and is sold in the U.S. market for a \$100, based on the current U.S. dollar-Chinese yuan exchange rate of \$1:CN\(\frac{1}{2}\)7.24. Let us also assume, that the same shirt can be supplied by U.S. manufacturers domestically for \$105 or 760.2 Chinese yuan. Since they are overpriced, Chinese producers capture the U.S. market and set the domestic price of a shirt in the U.S. at \$100. At this price, U.S. producers are unable to compete with Chinese producers in supplying U.S. markets.

Now if the U.S. imposes a 10% import tariff on imported Chinese shirts, under its America First policy, the price of a shirt in the American market will rise to \$110 or 796.4 Chinese yuan, based on the above-mentioned dollar-yuan exchange rate. At 796.4 yuan per shirt, Chinese imports are no longer attractive to American buyers. The American producers are happy as they make a profit of \$5 as their cost of producing a shirt is \$105 while the tariff-inclusive price in the U.S. market is \$110. The Chinese exporters will have to bear the 10% import tariff on their exports, which in Chinese currency is equal to 72.4 yuan at the prevailing Dollar-Yuan exchange rate. If the Chinese government decides to support its textile exporters, it can adopt any one of the following policy measures: provide a State subsidy of 72.4 Yuan per shirt; devalue the vuan by 10%; or lower its Central Bank interest rate and increase stimulus spending in the economy, so that the dollar-yuan exchange rate depreciates by 10% to reach \$1 equals 7.964 yuan.

At this exchange rate, the Chinese garment exporters will receive 796.4 Chinese yuan per shirt, pay the U.S. import tax of 72.4 Chinese yuan and retain 724 Chinese yuan per shirt as their export earnings, the amount they got per shirt prior to the 10% import tariff. The risk to the Chinese economy could be in the form of a rise in its domestic rate of inflation due to a devalued or depreciating currency. But if these policy interventions help in boosting domestic production and exports, the risk may be offset by increased GDP growth.

Bhagwan Das is former head and associate professor of economics, Loyola College, Chennai.

THE GIST



Donald Trump, the
President-elect of the U.S., has
promised to impose tariffs of
up to 60% on Chinese imports
to correct the huge trade
deficit the U.S. has with China.



The imposition of tariffs by the U.S. will raise the domestic price of such products in U.S. markets. If the tariffs are across the board and cover a large part of consumer goods sold in the U.S., then it will increase domestic inflation.



If China and other countries; which are threatened by U.S. tariffs, respond with appropriate tariffs of their own on American goods, it will trigger another round of global trade wars.

• Donald Trump, the U.S. President-elect, proposed imposing tariffs of up to 60% on Chinese imports to address the U.S.-China trade deficit and Chinese subsidies on domestic production. डोनाल्ड ट्रंप, अमेरिका के राष्ट्रपति-चुनावित, ने चीनी आयात पर 60% तक का शुल्क लगाने का प्रस्ताव दिया ताकि अमेरिका-चीन व्यापार घाटे को कम किया जा सके और चीनी घरेलू उत्पादन पर दी जाने वाली सब्सिडी को चुनौती दी जा सके।

• Purpose and Objective: Such tariffs are aimed at making Chinese goods less attractive to American consumers compared to local products. यह शुल्क अमेरिकी उपभोक्ताओं के लिए चीनी उत्पादों की आकर्षकता को कम करने का उद्देश्य रखते हैं।

- Potential Impact:
- U.S. tariffs could raise prices of Chinese goods in American markets, leading to domestic inflation if widely applied. अमेरिकी बाजार में चीनी सामान पर शुल्क लगाने से वस्त्रों की कीमतें बढ़ सकती हैं, जिससे महंगाई दर बढ़ सकती है।
- Positive Outcome: Trade deficit reduction may strengthen the U.S. dollar and moderate inflation.
- सकारात्मक पक्ष: व्यापार घाटे में कमी से अमेरिकी डॉलर की मजबूती और महंगाई में कमी हो सकती है।

- Domestic production could see a boost as reliance on foreign imports decreases. घरेलू उत्पादन में वृद्धि हो सकती है क्योंकि विदेशी आयात पर निर्भरता कम हो सकती है।
- However, tariffs may lead to retaliatory measures from other countries, possibly triggering a global trade war. हालांकि, अन्य देशों द्वारा बदले में शुल्क लगाए जाने से वैश्विक व्यापार युद्ध की स्थिति उत्पन्न हो सकती है।

- Economic Example:
- Example: A shirt priced at 724 Chinese yuan is sold for \$100 in the U.S. market. उदाहरण: एक शर्ट जिसकी कीमत 724 चीनी युआन है और जो अमेरिकी बाजार में \$100 में बिकती है।
- Imposing tariffs would raise the shirt's cost to \$110 for American consumers. शुल्क लगने से अमेरिकी उपभोक्ताओं के लिए शर्ट की कीमत \$110 हो जाएगी।

• Chinese exporters might face a 10% import tax on their products. चीनी निर्यातकों को 10% आयात कर का सामना करना पड़ सकता है। The Chinese government may introduce measures such as subsidies or currency devaluation to support their exporters. चीनी सरकार अपने निर्यातकों को समर्थन देने के लिए सब्सिडी या मुद्रा अवमूल्यन जैसे उपाय अपना सकती है।

- Broader Economic Implications:
- Tariffs may negatively impact global trade and worsen economic relations between major trading nations. शुल्क वैश्विक व्यापार और प्रमुख व्यापारिक राष्ट्रों के बीच आर्थिक संबंधों पर नकारात्मक प्रभाव डाल सकते हैं।
- They could trigger protective policies in China or adjustments in domestic economic policies for stability.

यह चीन में सुरक्षा नीतियों को प्रेरित कर सकते हैं या घरेलू आर्थिक स्थिरता के लिए नीतियों में समायोजन ला सकते हैं। EDNESDAY, NOVEMBER 20, 2024, NEW DELHI, LATE CITY, 20 PAGES

Soren's swipe at

BIP: 'Where are the

infiltrators? None

have been found'



MVA HOPES TO HOLD LOK SABHA LEAD IN

booked after cash found in hotel room Named in 3 FIRs, he rejects charge, seeks fair inquiry; Opp targets BJP

VALLARHOZARKAR

workers that he was distributing cash among voters on the eve of the Assembly elections in Maharashtra, BJP national gen-eral secretary Vinod Tawde was Tuesday booked following re-tuesday booked following re-andidate from Nalasopara

covery of cash at a prominent hotel in Virar near Mumbai where he was present. While BVA president Hitendra Thakur, who is seeking re-election from Vasai-Virar seat, claimed that the BJP leader was

CORNERED BY BVA ACTIVISTS IN A HOTEL IN VIRAR NEAR MUMBAI

Elections today, BJP gen secy Tawde

A video grab of BVA activists waving cash as they corner BJP's Vinod Tawde in a Virar hotel on Tuesday

une Election
Commission
(EC), Jharkhand Chief Minister
and JMM leader Hemant Soren
took a swipe at the party on
Tuesday, saying: "Where is the
infiltration? Institutions or
de whose in-

In an interview to The Indian over to us."

press a day before [harkhand Soren, who was arrested in

tes in the second phase of the sembly elections, Soren, when ked about Union Home CONTINUED ON PAGE 2

takers are in Science as

Karnataka holds three

Highest repeat test

Board exams a year

Jaishankar, Wang discuss next steps: Resuming Mansarovar Yatra, flights

Planning events in both countries to mark 75 years of diplomatic relations: Beijing

SHUBHAJITROY

Modi and Chinese President X nping in Russia, External Affairs Ainister S Jaishankar and his



caught red-handed with cash, Tawde denied the allegation and demanded a fair inquiry by the

Erdogan, South Africa's Cyril Ramaphosa, China's XI Jinping, France's Emmanuel Macron, Germany's Olaf Scholz, other leaders pose for a photo at the G20 Summit in Rio de Janeiro. PII

cussed the "ment steps in India-sumption of the Kallah-Mansacon-Yama pignirmage, data distinguistation before trans-tal-distinguistation befor

postal Representations and of the postal Representations and the postal Representations and of the postal Representations and the postal Repres

posed tariffs up to 60 per cent on Chinese goods imports. Business leaders in China two rounds of monetary and fis-cal packages, with a third ex-pected early next year, to provide markets such as India's offer.

Putin plans first trip to Maoist leader, wanted India since Ukraine war, for 20 years, shot dead Kremlin finalising dates in Karnataka encounter



BUSINESS AS USUAL



said Tuesday.

Gowda, who belonged to a place near Hebri in Udupi, was seen as the last standing Maoist leader from Karnastala following the arrest of 86 Krishnamurthy.

change of gunfire with Karnataka Police's Anti-Naxal Force (ANF) in alias Gangadhar, 50, by Kerala Krishnamurthy, who hailed from Chikkamagaluru, was a

Communal fires lit at Manipur's gateway, a district in Assam tries not to get singed

PAGE 1

SLIKDITA BADIJAH

ROM HEIGHTENED vigilance on the border to shutting mar-sets early to holding peace meet ings — authorities in Assam's Cachar are working overtime to ensure the communal fire from the neighbouring district of Manipur's Jiribam does not spread there. Separated only by a bridge,

ng 21 lives so far, authorities and ocals of both Meitei and Hmar

Golden opportunity for India: Zakaria on Trump pledge to hike tariff on imports from China

DIVYAA

THERE'S A golden opportunit THERE'S A golden opportunity for India in President-elect Donald Trump's pledge to levy high tariffs on all imports from China in his coming term, according to political analyst and CNN news hoot Fareed Zakaria. Speaking at the Express Adda in Mumbai Monday, Zakaria said while China will be particularly hit hard by the tariffs, everybody

On being asked how Trump's talk about 10 per cent tariffs for all US imports will play out in India and with the India-US re-





LATE LAST year, Karnataka announced it would hold Board ex-aminations three times in an ac-ademic year for Classes 10 and ng all students, whether ssed or failed, up to two chances to improve their per-formance. Data from the unique experiment for the 2023-2024 ssion now shows that science bjects have the highest share

ABHINAYA HARIGOVIND

stujects have the nighest share of repeat takers.

The highest number of Class 12 students retaking the state Board (or il PU) exams the second time to improve their screes were in Physics (21,646), 10 lowed by Chemiatay, [17,6], Mathematics [14,475], English CONTINUED ON PAGE 2

Karnat: shows way KARNATAKA BECAME which advocates allo opportunities in a school year to take Board exams — one main and one for im-provement — as a way to ease student stress. Other Boards, includir CBSE, have been grap-



MODI-MELONI MEETING ON G20 SIDELINES

Defence to space, India & Italy announce 5-year action plan

SHUBHAJIT ROY

NEW DELHI, NOVEMBER 19

PRIME MINISTER Narendra Modi and his Italian counterpart Giorgia Meloni announced a five-year strategic action plan outlining their vision for collaboration in a range of key sectors, including defence, trade, energy and space.

The two leaders unveiled the Joint Strategic Action Plan 2025-29 as they met on the sidelines of the G20 Summit in Rio de Janeiro, Brazil.

"Our talks centred around deepening ties in defence, security, trade and technology. We also talked about how to boost cooperation in culture, education and other such areas," Modi wrote on X. "India-Italy friendship can greatly contribute to a better planet".

Monday's meeting was the fifth between the two PMs in the last two years. They last met in June 2024, in Puglia, Italy, during the G7 Summit. "Following up on their discussions in Puglia, the two leaders reiterated their commit-



PM Modi with PM Meloni in Rio de Janeiro. PTI

ment to advancing the India-Italy Strategic Partnership and announced a Joint Strategic Action Plan 2025-29 which outlines their vision for the next five years," the Ministry of External Affairs said.

Some of the key points in the Action Plan are:

Defence

- Holding Joint Defence Consultative meetings, Joint Staff Talks on a yearly basis to coordinate exchanges of information, visits and training activities.
- Interactions in the framework of Italy's growing interest

in Indo-Pacific region, aimed at increasing interoperability and cooperation.

Exploring avenues of enhanced partnerships and dialogue among public and private stakeholders, focusing on technology collaboration.

Economic Cooperation

Promoting industrial partnerships, technological centres and mutual investment, also in automotive, semiconductors, infrastructure and advanced manufacturing.

Connectivity

■ Enhancing collaboration in maritime and land infrastructure also in the framework of the India-Middle East-Europe Economic Corridor.

Science & Innovation

Expanding cooperation on critical and emerging technologies, forging technology value chain partnerships in both countries in sectors such as telecom, artificial intelligence, and digitalization of services.

Space

Expanding cooperation between Italian Space Agency and ISRO to include projects of common interest in Earth observation, heliophysics and space exploration with emphasis on lunar science.

Migration and Mobility

Promote legal migration channels, as well as fair and transparent labour training and recruitment procedures. A pilot will cover training of health professionals in India and their subsequent employment in Italy.

Energy Transition

Strengthen the Global Biofuels Alliance and International Solar Alliance.

n s y

s t.

d e e

> 1 a l,

e t s

y e i. S d



WHAT ARE ATACMS, THE US MISSILES UKRAINE FIRED INTO RUSSIA?



An ATACMS missile being test-fired at the White Sands Missile Range in Nevada, US, on December 14, 2021. A newer version this US-made missile was used by Ukraine on Tuesday to hit ammunition warehouses in Russia. The NYT

UKRAINE'S MILITARY used long-range American-made missiles — known as the Army Tactical Missile System (ATACMS) — on Tuesday to strike into Russia for the first time.

The development came just two days after President Joe Biden's administration allowed Ukraine to use these missiles, marking a significant reversal of Washington's policy in the Ukraine-Russia conflict.

What are ATACMS missiles?

There are several variants of ATACMS, a long-range missile system that often carries varying amounts of cluster bomblets. Ukrainian forces used US-supplied long-range ATACMS missiles for the first time in October 2023, with President Volodymyr Zelenskyy saying the weapons had "proven themselves".

Ukraine likely has what are known as M39A1 Block IA ATACMS that are guided in part by Global Positioning System and have a range of 70 to 300 km. They can carry a payload of 300 bomblets. The M39 Block IA were used in Operation Iraqi Freedom, according to Army documents, and were added to the US arsenal in 1997.

Ukraine probably also has M57 AT-ACMS that deliver a single, 230-kg high-explosive warhead at a range of 70 to 300 km. The M57 was first used in 2004 and has been used in several conflicts.

Why did the US authorise their use?

The decision to allow Ukraine to use the weapons to strike deep within Russia comes two months before President-elect Donald Trump takes office on January 20. For months, President Zelenskyy has been asking the US to allow Ukraine military to use American weapons to hit Russian military targets far from its border.

The change comes largely in response to Russia's deployment of North Korean ground troops to supplement its own forces, a development that has caused alarm in Washington and Kyiv, according to a US official.

What impact will they have on the Russia-Ukraine war?

With the US permission, Ukraine will now be able to strike targets deep inside Russia, most likely around Russia's Kursk region, where Kyiv forces still hold swaths of the territory and where North Korean troops are reported to be concentrated.

In August, analysts at the Washingtonbased Institute for the Study of War said hundreds of known Russian military objects were in the range of ATACMS.

It is likely, however, that some of the military assets, despite the logistical difficulties, have been moved deeper into Russia in anticipation of the US decision.

REUTERS

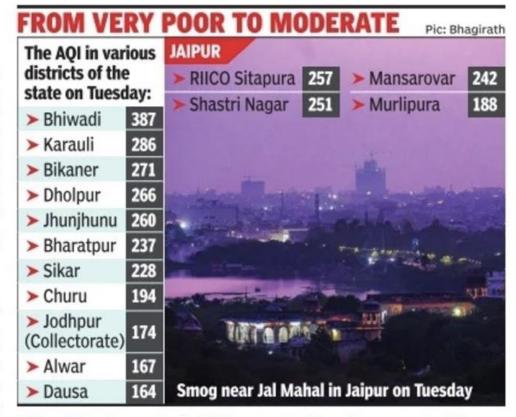
AQI high in Raj dists on Del-Hry border, Bhiwadi tops worst-hit list

AjaySingh.Ugras @timesofindia.com

Jaipur: The air quality in districts near the Delhi-Haryana border deteriorated to alarming levels since the start of the week, prompting the state govt to enforce Graded Response Action Plan (GRAP-4) guidelines in the NCR and nearby regions.

► Airmergency continues as Delhi 'severe-plus' for 2nd day, P 7

Cities such as Bhiwadi, Churu, and Jhunjhunu reported "extremely poor" air quality, with Bhiwadi recording a hazardous Air Quality Index (AQI) of 500 on Sunday night — the highest on the AQI scale. On Monday, the Bhiwadi industrial area recorded an AQI of



454, while it reached 440 in the city.

Other districts also faced severe conditions, with Churu registering an AQI of 401 and Jhunjhunu at 399 on Monday, both categorised as "extremely poor".

▶ Continued on P 3

KNOW YOUR VITAL STATS

What Tongue Colour Says About Your Health

A healthy tongue should be pink, with small bumps - or papillae - across the surface. However, a range of other colours could be tell-tale signs that something is up





Black

- Poor oral hygiene Some medications
- Tobacco use
- Radiation therapy
- Dark liquids
- Diabetes, in rare cases
- HIV in rare cases





- Fungal infection
- Leukoplakia
- Lichen planus

Purple



- Poor circulation
- Certain heart conditions
- Kawasaki disease

Red



- Vit B deficiency
- Scarlet fever
- Allergic reaction
- Glossitis
- Kawasaki disease

Green



- Bacterial growth
- Fungal infection
- Leukoplakia
- Lichen planus Poor oral hygiene

Yellow

- Bacteria growth Poor oral hygiene
 - Eczema
 - Jaundice
 - Diabetes, in rare cases



Blue

- Lack of oxygen in the blood
- Eczema

Orange

- Poor oral hygiene
- Dry mouth
- Certain antibiotics Certain foods



- Gray
- Some deficiency
- Eczema

Source: MedicalNewsToday



one serving (100gm cooked)

White rice one serving (100gm cooked)

125	CALORIES	124
3.2gm	PROTEIN	2.7gm
0.4gm	FATS	0.2gm
26gm	CARBS	27gm
1.5gm	FIBRE	0.8gm

Brown rice and white rice are almost similar in calories, proteins and fats but the difference lies in the nutrient quality. Brown rice is a whole grain with the bran, which contains fibre, vitamins like B complex and minerals like magnesium and manganese. High fibre aids in weight management and heart health. Its low glycemic index also makes it ideal for diabetics. White rice, on the other hand, cooks faster and is easy to digest. It's low on fibre, which means it's ideal for those with irritable bowel syndrome (IBS).

Source: Ritika Samaddar, chief clinical nutritionist, Max Healthcare

Prime Minister Internship Scheme 2024



- Around 6.5 lakh youth had applied for internships under the PM Internship Scheme in Top Companies (Scheme) pilot project.
- About
- Announced in: Union Budget 2024-25.
- Aim: To provide 12-month internships for one crore candidates in the age group of 21 to 24 years, for five years.



To provide real-life work experience to job seekers in top companies.



Implementing Agency: Ministry of Corporate Affairs.



Vacancies: 1,25,000 positions in 500 top companies for FY – 2024-25.



The top companies have been identified based on the average Corporate Social Responsibility expenditure of the last three years.

Participation of the companies in the scheme is **voluntary**

Eligibility:

- Do not have a family member earning over ₹8 lakh per annum.
- 18 to 24 years (relaxation for OBC/SC/ST)
- ITI: Matriculation + ITI in relevant trade
- Diploma: Intermediate + AICTE-recognized diploma
- Degree: Bachelor's degree from UGC/AICTE-recognized university

Stipened:

- ₹5,000 monthly stipend
- One-time payment of ₹6,000



- Guru Ghasidas-Tamor Pingla in Chhattisgarh has been notified as the 56th tiger reserve
 of the country.
- Geographical Location
- Location: The tiger reserve is nestled in the Chota Nagpur plateau and partly in Baghelkhand plateau.
 - It is spread across Manendragarh-Chirmiri-Bharatpur, Korea, Surajpur and Balrampur districts of Chhattisgarh.

- Flora: The reserve is part of the Eastern Highlands moist deciduous forests, hosting Sal, Teak etc.
- Fauna: Asian elephant, Bengal tiger, nilgai, chousingha, dhole,, pythons, red jungle fowl, gray jungle fowl and green pigeon etc.
- Corridor Connectivity: The forests of Guru Ghasidas-Tamor Pingla, act as a corridor between the Bandhavgarh tiger reserves (Madhya Pradesh) and Palamu tiger reserves (Jharkhand).

- Significance
- This is the fourth tiger reserve in Chhattisgarh after Indravati tiger reserve, Udanti-Sitanadi tiger reserve and Achanakmar tiger reserve.
- Also it is the country's third largest tiger reserve.
 - Nagarjunasagar Srisailam tiger reserve in Andhra Pradesh is India's largest tiger reserve, followed by Manas tiger reserve in Assam.

World Toilet Day



• World Toilet Day is held every year on 19 November.

- About World Toilet Day
- It aims to inspire action to address the global sanitation crisis, impacting 3.5 billion people without safely managed sanitation.
- It was founded by the **World Toilet Organizationin 2001**, it became an official UN observance in 2013.



- It aligns with Sustainable Development Goal 6: Water and sanitation for all by 2030
- 2024 Theme: 'Sanitation for Peace', highlights the role of sanitation in fostering stability and well-being, as set by UN-Water.
- A Call for Resilient Sanitation
- The nations must ensure that sanitation and water services are resilient, effective, and accessible to everyone, safeguarded against conflict and climate-induced disruptions.

Key facts



- 3.5 billion people lack safely managed sanitation, including 419 million who practice open defecation. (WHO/UNICEF, 2023)
- 2.2 billion people live without safely managed drinking water, including 115 million who rely on surface water. (WHO/UNICEF, 2023)
- 2 billion people lack basic hygiene services, with 653 million having no facilities at all. (WHO/UNICEF, 2023)
- Unsafe water, sanitation, and hygiene contribute to the deaths of around 1,000 children under 5 daily. (WHO, 2023)
- Improving access to water, sanitation, and hygiene could save 1.4 million lives annually. (WHO, 2023)
- 2 billion people globally live in fragile and conflict-affected areas (OCHA, 2019)

Regulatory Framework for Laboratory-Grown Meat

- Recently, the Food Safety and Standards Authority of India (FSSAI) is planning to put a regulatory framework for laboratory-grown meat, dairy, and egg products.
- FSSAI regulates plant-based protein products, but lab-grown and fermentation-derived proteins have no clear regulations.

- What is Laboratory-Grown Meat?
- About: Lab-grown meat is produced in laboratories using cells from living animals or fertilised eggs, rather than coming from slaughtered animals.
- It is also known as cultured meat or cultivated meat.

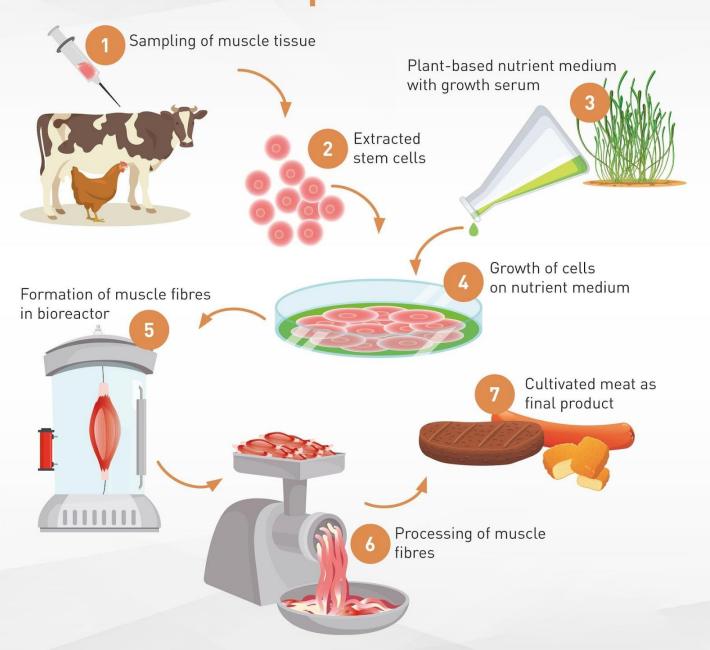


Current Market Availability: The US, the EU, Singapore and Israel have issued regulations for cultivated and fermentation-derived protein.

Environmental Impact: Lab-grown meat is considered to be **more environmentally friendly** than conventional meat production.

• Early studies suggest that lab-grown meat requires 45% less energy, uses 99% less land, and produces 96% fewer greenhouse gas emissions compared to beef.

Cultivated meat production



- Plant-Based Meat About:
- Plant-based meat is a meat alternative made from plant ingredients that replicates the taste, texture, and appearance of actual animal meat (such as sausage, and chicken) without using any animal products.
- Ingredients: Plant-based meat is made primarily from vegetables, grains, and legumes.
- Common ingredients include protein sources like tofu, tempeh, soy, and peas, as well as plant oils (e.g., sunflower, canola) and vegan binding agents (e.g., flour, aquafaba, beans).

- Processing: Plant-based meat manufacturers use advanced technologies like extrusion and wet texturization to enhance the texture and consistency of the product.
 - Heat and mechanical pressure make plant products more meat-like, creating stringy or sinewy textures similar to animal meat.

India's Meat Market

India has the world's largest livestock population.

The country is the largest producer of buffalo meat,
 2nd largest producer of goat meat, and ranks 5th in poultry meat production.

- In **2022-23**, India produced around **2.1 million tonnes of cattle**, 13.6 million tonnes buffaloes, 73.7 million tonnes sheep, 9.3 million tonnes pigs and **331.5 million poultry meat.**
- India's exports of animal products in 2023-24 was worth USD 4.5 billion, which included buffalo meat worth USD 3.7 billion, poultry meat worth USD 184.58 million, and sheep or goat meat of USD 77.68 million.



Dhudmaras, a village in Chhattisgarh's Bastar district, has been selected to participate in the Best Tourism Village Upgrade Programme (BTVUP) under the United Nations Tourism for Rural Development Programme (UNTRDP) by the UN World Tourism Organisation (UNWTO).

This recognition marks its potential as a hub for eco-tourism and sustainable development.

What are the Key Facts About Dhudmaras Village?

Location: Dhudmaras, located in Kanger Valley National Park(KVNP), is surrounded by dense forests, the Kanger River, and rich biodiversity, making it a prime eco-tourism destination.

the Kanger River, which flows through it. It was designated as a national park in 1982.

- United Nations World Tourism Organisation
- The UNWTO, established in 1975 and headquartered in Madrid, Spain, promotes responsible, sustainable, and accessible tourism.
- It has 159 member countries, including India, it serves as a global forum for tourism policy, advocates the Global Code of Ethics for Tourism, and aligns tourism with the 2030 Agenda for Sustainable Development.

Word of the day

Gesticulate:

show, express or direct through movement

Synonyms: gesture, motion

Usage: He gesticulated with his shoulders.

Pronunciation:

newsth.live/gesticulatepro

International Phonetic

Alphabet: /dʒɛsˈtɪkjʊleɪt/, /dʒɛsˈtɪkjəleɪt/

