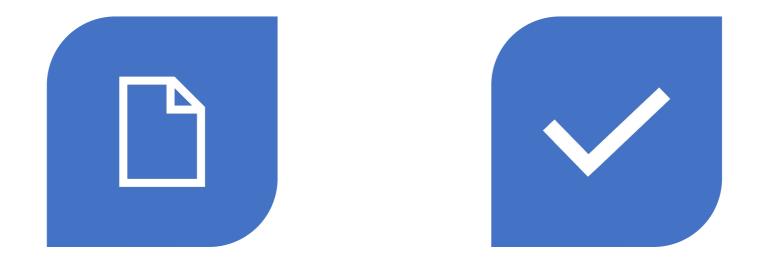


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"Health is not valued until sickness comes." — Thomas Fuller "Your body deserves the best. Nourish it, move it, rest it."





Russian leader Vladimir Putir Centre is set to begin the process of collecting signa-tures for a motion seeking the removal of Allahabad

told U.S. President Donald Trump by telephone on rsday that Moscow will no "give up" on its aims in Ukraine, the Kremlin said. The Kremlin said the call lasted almost an hour. » PAGE 14

Pak. celebrities social accounts blocked again

the removal of Allahabad High Court Judge Justice Yashwant Varma over the discovery of burnt curren-cy notes at his official resi-dence. Several major polit-ical parties have expressed their willingness, in princi-ple, to support the initiative.

Union Parliamentary Af-

fairs Minister Kiren Rijiju on Thursday said that while the process of ob-taining signatures would

sion was vet to be taken or

whether the motion would

Yatra begins

ice shortly, a deci-

NEW DELHI The social media accounts of several Pakistani celebrities were geo-blocked again on Thursday, hours after they became briefly accessible to users in India, triggering sharp reactions across various platforms. » PAGE 4

Govt. officers in **Odisha halt work** to protest assault

BHUBANESWAR Official work across Odisha came to a standstill on Thursday as members of the Odisha Administrative Service unched a cease-work prote ver the assault on a senio officer by Bharatiya Janata Party workers. » PAGE 2

Kerala raises its concerns on U.S. trade pact

NEW DELHI

Kerala Agriculture Minister P. Prasad has written to Union Agriculture Minister Shivraj Singh Chouhan and Commer Minister Plyush Goyal, raising ns over the pro Indo-U.S. Free Trad eement.» PAGE :



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er is required to constitute a three-member commit official residence in Delhi

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The Hindu Bureau

U.S. law, the Embassy of the United States an-

The Embassy further said that it could not "gua-rantee" that Indian stu-

dents who do not have an

nounced this week

in March, during his tenure as a judge of the Delhi High Court. The incident led to the discovery of several burnt sacks of currency notes in the outhouse. Jus-tice Varma reportedly de-nied knowledge of the cash. PMN

cash. After a Supreme Court-appointed in-house inqui-ry committee reportedly found material to recom-mend removal of Justice Varma, Justice Khanna wrote to the President and the Prime Minister, recom-mending the removal. mending the removal. The Monsoon Session will conclude on August 21, following an extension of 10 days from the earlier schedule. "The government has enough business to conduct," Mr. Rijiju said, without elaborating on the reasons for extending the session

> T.N. custody death: autopsy report reveals 44 wounds The Hindu Bureau MADURAI

The post-mortem report of B. Ajith Kumar of Sivagan-ga, a temple security guard who died in police custody, has revealed over 44 external injuries in various parts of the body and several in-ternal injuries. The general appearance section of the report says there was a linear scar measuring 3 cm in length in the right forearm, and three old scars, "consistent with cigarette burn marks' tion in the 1950s.

FULL REPORT ON



The Hindu Bureau

The Defence Acquisition Council (DAC), chaired by Defence Minister Rajnath Singh, on Thursday accorded Acceptance of Ne-cessity (AoN) for 10 capital acquisition proposals va-lued at ₹1.05 lakh crore through indigenous source ing. It was the first meeting after Operation Sindoor to enhance the capabilities of the armed forces.

the armed forces. "AoNs were accorded for procurement of Ar-moured Recovery Vehi-cles, Electronic Warfare System, Integrated Com-mon Inventory Manage-ment System for the Tri-System, Integrated Com-mon Inventory Manage-ment System for the Tri-System in the density of the system of the meet-trian and the system of the meet-trian and the system of the meet-

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ing was to enhance air de-fence capabilities along the

NEW DELHI A top Defence Ministry source has confirmed that it has been communicated to them that the first black of three Apache AH-64E attack helicopters from the U.S. will be delivered by July 15, and the next batch by November: The development follows U.S.India Defence Minister's dialogue. a PMGE 4 Ministers' dialogue. » PAGE 4 Missile systems worth ₹30,000 crore has been approved. P

Naval and Merchant Ves-sels," the statement said. To promote indigenous de-sign and development, "AoNs were accorded un-der the Buy (Indian-Indige-nously Designed Deve-loped and Manufactured) category", it added. "AoNs were also accord-ed for procurement of Moored Mines, Mine Coun-ter Measure Vessels, Super Rapid Gun Mount and Sub-mersible Autonomous Ves-sels. These procurements will enable mitigation of potential risks posed to the "AoNs were also accordfence capabilities along the Pakistan border. The pro-curement of indigenous Quick Reaction Surface-to-Air Missile (QRSAM) sys-tems worth £30,000 crore for the Indian Army has been approved.

-



With around 3.3 lakh students, Indians are the largest community of

through our visa process. A U.S. visa is a privilege, not a right. If you already sche-duled a student or ex-change visitor visa ap-pointment for this summer, please follow the latest guidance on social media settings and visa ap-plication procedures," said the U.S. Embassy in an dents who do not have an appointment already, will get a visa interview slot "this summer". "The State Department is committed to protecting our nation and our citizens by upholding the highest standards of uphile safety curity and public safety



tional students in the U.S. FILE PHOTO

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The notification in this

The notification in this regard was "effective im-mediately" for all indivi-duals applying for an F, M and J non-immigrant visa, which are meant for aca-demic students, vocational students, and exchange visitors, respectively. The announcement



conflicts, especially the Is-rael-Palestine war. India and the U.S. have been in consultation since the arrival of the Donald Trump administration in lanuary about the ways to streamline the issue of vi sas and citizenship in line

A PLX

with the Trump adminis-tration's election ampaign. With around 3.3 lakh With around 3.3 lakh students, Indians were the largest community of inter-national students in the U.S., and the changes and the social media profile screening are expected to reflect in the social media behaviour, of the students behaviour of the students on U.S. campuses.



without giving voice to th

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Kallol Bhattacherjee Global South," he empha Global South," he empha-sised, listing "climate change, pandemics, terro-rism, and cyber security" as the "new and complex crises" that are posing fresh challenges to the world. "The changing cr-cumstances demand credh whethal reversances" the Progress in the contempor-ary world will not be possi-ble without giving a voice to the Global South, Prime Minister Narendra Modi said on Thursday while ad-dressing a Joint session of Ghana's Parliament in its canital Accta capital Accra. Mr. Modi, who received global governance," the Prime Minister said, high-Ghana's highest state ho-nour 'The Officer of the Or-der of the Star of Ghana', quoted the country's founding father Kwame Nkrumah, who said that lighting the inclusion of the African Union into the

G-20. "We put emphasis on Africa's rightful place at the global high table. We Africa and India are conare proud that the African Union became a perma-nent member of the G-20 nected by "intrinsic" forcduring our Presidency, Mr. Modi said.

nected by "intrinsic" forc-es, in a speech outlining the widespread changes sweeping the world and the challenges that persist. "The world order creat-ed after the Second World Uniting forces Ouoting Dr. Nkrumah, Mr. ed after the Second World War is changing fast... The revolution in technology the first of the second second magnetic second second second ing to its pace and scale. The second second second second has faced in earlier centu-ries still persist in different the state honour The Prime Minister de-scribed the state honour that he received as the first second second second second second second second first second second second second second first second second second second second first second second second second second second second first second second second second second second second second first second second second second second second second second first second second second second second second second second first second second second second second second second second first second first second Quoting Dr. Nkrumah, Mr. Modi aiai, "The forces that unite us are intrinsic and greater than the superim-posed influences that keep us apart." India is a "pillar of strength in the world" that will stand "shoulder to shoulder" with Ghana as it pursues its developmental goals, he weet the st speech bu an indian Prime Minia. by an Indian Prime Minis-ter in Ghana's Parliament, with the special meeting



media profile public, says U.S. Embassy

Union govt. to gather support to remove Justice Yashwant Varma

<u>Process to obtain signatures for motion seeking removal of the Allahabad HC judge to start soon</u>, says Rijiju; final decision on House of introduction yet to be taken, he says; support of 100 members in LS, 50 in RS needed for admission of motion

<u>Nistula Hebbar</u> NEW DELHI

 \mathbf{y} ith the Monsoon Session of Parliament scheduled from July 21, the Centre is set to begin the process of collecting signatures for a motion seeking the removal of Allahabad High Court judge Justice Yashwant Varma over the discovery of burnt currency notes at his official residence. Several major political parties have expressed their willingness, in principle, to support the initiative.

Union Parliamentary Affairs Minister Kiren Rijiju on Thursday said that while the process of obtaining signatures would commence shortly, a decision was yet to be taken on whether the motion would

Curious case

Half-burnt notes were found at the official residence of Justice Yashwant Varma in New Delhi after a blaze on March 14

March 22: Then-Chief Justice of India Sanjiv Khanna constitutes 3-member in-house panel to probe the issue

March 28: Centre notifies transfer of Justice Varma to Allahabad High Court; SC tells Chief Justice not to assign any judicial work to the judge

be introduced in the Lok Sabha or the Rajya Sabha. Support of a minimum of 100 members are required for the Lok Sabha, and at least 50 members for the Rajya Sabha, for such a motion to be admitted.

Even if the motion is introduced during the up-

May 4: In-house panel submits its report dated May 3 to the CJI

May 8: SC issues statement saying it had forwarded the panel's report and Justice Varma's response dated May 6 to the Prime Minister and the President

The constitutional authority to remove a judge rests solely with Parliament

coming session, it is unlikely to reach a conclusion within the same period. Under the Judges (Inquiry) Act, 1968, once a motion for the removal of a judge is admitted in either House, the presiding officer is required to constitute a three-member committee – composed of a Supreme Court judge, a High Court Chief Justice, and a distinguished jurist – to investigate the matter, and submit a report within three months.

Responding to speculation regarding the findings of an in-house panel formed by former Chief Justice of India Sanjiv Khanna to probe the case. Mr. Rijiju clarified that such a report alone could not suffice to proceed with a removal motion in Parliament. He noted that the panel had not indicted Justice Varma, but had recommended the appropriate next steps, as the constitutional authority to remove a judge rests solely with Parliament.

The case concerns a fire incident at Justice Varma's official residence in Delhi in March, during his tenure as a judge of the Delhi High Court. The incident led to the discovery of several burnt sacks of currency notes in the outhouse. Justice Varma reportedly denied knowledge of the cash.

After a Supreme Courtappointed in-house inquiry committee reportedly found material to recommend removal of Justice Varma, Justice Khanna wrote to the President and the Prime Minister, recommending the removal.

The Monsoon Session will conclude on August 21, following an extension of 10 days from the earlier schedule. "The government has enough business to conduct," Mr. Rijiju said, without elaborating on the reasons for extending the session.

- Union government to initiate the process of obtaining signatures for a **motion seeking removal** of Allahabad High Court Judge **Justice Yashwant Varma**.
- Triggered by discovery of **burnt currency notes** at his official residence during his tenure as a Delhi High Court judge.

Timeline of Events

Date	Event
March 14	Half-burnt currency notes discovered at Justice Varma's official residence
March 22	Chief Justice of India (CJI) Sanjiv Khanna sets up 3-member in-house panel
March 28	Centre transfers Justice Varma to Allahabad HC
May 4	In-house panel submits report to CJI
May 8	Supreme Court forwards report to PM and President
May 6 onwards	PM receives recommendation for removal

m Procedure for Removal of a Judge (Judges Inquiry Act, 1968)

Requirement	Details
Motion Introduction	Lok Sabha or Rajya Sabha
Minimum Signatures	100 LS members or 50 RS members
Post Admission Procedure	3-member committee to probe
Final Authority	Parliament decides via motion



Removal Process of High Court or Supreme Court Judges (India)

Constitutional Provision:

- Governed by Article 124(4) for Supreme Court Judges
- Governed by Article 217(1)(b) read with Article 124(4) for High Court Judges

Grounds for Removal:

- Proven misbehavior
- Incapacity



1. Initiation:

- A motion for removal can be initiated in either House of Parliament (Lok Sabha or Rajya Sabha).
- Requires signatures of:
 - 100 Members of Lok Sabha OR
 - 50 Members of Rajya Sabha

2. Admission of Motion:

- The motion is submitted to:
 - Speaker of Lok Sabha or
 - Chairman of Rajya Sabha
- If admitted, a three-member committee is formed.

3. Inquiry by Committee:

- The committee consists of:
 - A Supreme Court judge
 - A Chief Justice of a High Court
 - A distinguished jurist
- The committee investigates the charges.

4. Report of Committee:

- If the committee finds the judge guilty of misbehavior or incapacity, the motion proceeds.
- If the judge is found **not guilty**, the process ends.



5. Parliamentary Approval:

- Both Houses of Parliament must pass the removal motion:
 - By a **special majority**:
 - Majority of total membership AND
 - Two-thirds of members present and voting.

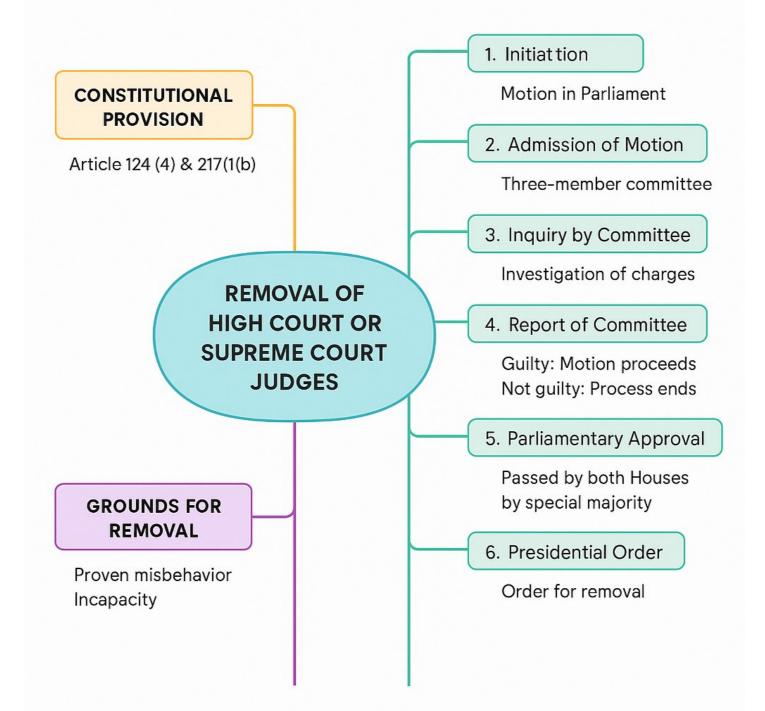
6. Presidential Order:

• After both Houses pass the motion, the President of India issues an order for removal.



Aspect	Details
Applicable to	Supreme Court and High Court Judges
First and Only Case	Justice V. Ramaswami (1993) — motion failed in Lok Sabha
No Impeachment Term Used	Technically called removal, not impeachment
Safeguard	The process ensures independence of judiciary by making removal difficult.





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Speaking to a private TV

Siddaramaiah's 'insult' to

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cerning, particularly for agrarian States like Kerala, where agriculture forms

the backbone of the rural

economy," he said. The Minister pointed

tion, around 200 nautical

miles away from the Indian coast, according to the re-port of the Directorate

the onboard fire has to be

fully contained before it reaches the port of refug

Speaking to The Hind

a senior shipping crew said the weather in the Arabian

Sea is the major hindrance to the containment of fire to the containment of first and smoke. The squally weather with wind, occa-sionally gusting to 100 km, hour, adds fuel to the fire Further, it is not possible to apply first extinguishes apply fire extinguisher from the top of the ship

since choppers can carry only a limited quantity, he said.

ABX

General of Shipping. It is also necessary

INBRIEF



Expert team may reach Kerala to repair grounded F-35B

An expert team from the U.K. is expected to An expert team from the U.K. is expected to arrive in Krana, possibly this weekend, to inspect the grounded F-SBE combat jet of the Royal Ar Prove (ILA). According to available, the team will repairing the aircraft and taking it back to the active service of the RAF. The team is expected to have members from Lockheed Martin apart from engineers from the U.K. At present, the aircraft is have members from Lockheed Martin apart engineers from the U.K. At present, the airc guarded by the RAF crew round the clock.

Woman killed as MCH building collapses in Kerala

A 52-year-old woman was killed and two others were injured when a portion of an old and dilapidated building at the Government Medical College Hospital (MCH) in Kottayam collapsed or sday. The deceased was identified as D Bindu, a native resident of Thalavolapara mbuin Sincu, a native resident of rhadyolaparamou in Kottayam. A portion of the 68-year-old building consisting of a bathroom complex attached to the 14th ward (Orthopaedics department) of the hospital collapsed by 10.30 a.m.

Naidu opens A.P.'s first Digital Nerve Centre in Kuppam

Andhra Pradesh Chief Minister N. Chandrababu Naidu on Thursday inaugurated the State's first-ever Digital Nerve Centre in Kuppam, the constituency he represents in the Legislative Assembly. The TATA MD Digi Nerve Centre, set Assembly. The TATA MD Dign Nerve Centre, set up in collaboration with the Gates Foundation, will connect the Area Hospital with the 13 PHCs and 52 Village Health Centers. Inaugurating the facility, Mr. Naidu said it would set a benchmark and be a game changer in the health sector.

Rainy hustle

17:25

more expansive vision for inclusive healthcare. "Once the USAID issue

⁺ Kerala HC

rejects plea

by teacher charged under

POCSO Act

The Hindu Bureau

Stating that an acquittal in a criminal case does not

a criminal case does not automatically lead to the setting aside of departmen-tal inquiry and the conse-quential proceedings, the Kerala High Court on Thursday dismissed a peti-tion filed by a schoolteach-er who use churged under

er who was charged under the POCSO Act for alleged sexual assault on a 10-year-old student in classroom.

The petitioner, an Arab

ic teacher at a school in Ma lapuram who was placed under suspension follow-ing the registration of the FIR over a year ago, ap-proached the court, seek-

proached the court, seek-ing that the departmental inquiry report and the con-sequential proceedings fol-lowing the incident be set aside.

aside. Among other reasons, the teacher said he had been acquitted in the cri-minal trial, after the survi-vor and her mother turned heattle

hostile. Referring to the ancient

education system in India, a Bench of Justice D.K.

Singh said the petitioner was acquitted in the crimi-

nal case on the benefit of

doubt. Even if a person is acquitted in a criminal trial, the same would not

necessarily lead to dis-

necessarily lead to dis-charge in a domestic inqui-ry. Being her teacher, the petitioner had a fiduciary relationship with the survi-vor. The crime is grossiy unbecoming of a schooi-teacher, the court said. The petitioner was accused of sexually assaulting the stu-dent since January 2023 while she was reacting

while she was reading

standing near the petition-er in the classroom.

channel, Jyothi Prakash failed government". Body parts recovered |Opposition whip at Telangana blast site asked to explain slur of skeletal remains, includ-ing a patella, femur and fib-ula, were found scattered across different areas of the blast site, said Superin-tendent of Patancheru Go-Naveen Kumar HYDERABAD The Hindu Bureau Skeletal remains were re-covered during a fresh combing of debris at the Si-

stage at an event in Hosa-pete and blaming police of-ficers for the stampede at

M. Chinnaswamy Stadium

in Bengaluru. Additional Superinten-dent of Police (Dharwad)

Narayan Baramani's re-

Karnataka Legislative Council Chairman Basava-raj Horatti on Thursday sought an explanation from Chief Whip of the Op-position in the House N. Ravi Kumar for allegedly vernment Hospital Srinivas Reddy. The remains were recovered during a re-combing vered during a re-comming operation and transported for DNA matching, said In-spector of State Disaster Response Force (SDRF) shobhan Nalamasa.

jayanagara Deputy Com-missioner M.S. Diwakar for sitting next to a seer on stage at an event in Hosa-pete and blaming police of Siddarmaniah during the

found in Assam named public servants draws flak after botanist's mother Former Bengaluru Police Commissioner describes the Belagavi incident as a 'big mistake' by CM; Rahul Karmakar LoP R. Ashok said the attempt to slap the police officer in public has demoralised the police force ssam has yielded a nev

New Garcinia species



named in honour of Ku-sum Devi, the late mother The distin of Jatindra Sarma, one of the authors of the study tree species from Assan

Mirji, former Bangalore Police Commissioner, termed it the "biggest mis-times and the "biggest mis-times and the second second second chief Minister was not double the sead. Incident dentally, Mr. Baramani was pon Thuraday. These incidents have been seized by the Opposi-tion to criticise the govern-mittion in the Assembly F. Ashok hit out at the CA, saying that "the attempt to the authors of the study and the Chairman of As-sam's State Expert Apprai-sal Committee appointed by the Union Ministry of Environment, Forest and Climate Change. The study, co-authored by Hussain A. Barbhuiya of Mumbai's Bhabha Atomic Research Centre, annears Pan-tropically distributed humiliation" to him by Mr. Systing that "the attempt to Siddaramalah during the the public attempt to anajor embarrassment to the chief Minister. Stocking to any attempt to stock attempt to any attempt to the said its howed a CM "in-toxicated by power attempt to power attempt to the said its howed at CM "in-toxicated by power attempt to power attempt to the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the said its howed at CM "in-toxicated by power attempt the public Research Centre, appears in the latest issue of Feddes Repertorium, a peer-re-viewed journal focusing on botanical taxonomy and potential. toxicated by power and frustrated at leading a

33 species In India, 33 species and se-

Four in a family with Assam accounting for 12 species and three varieties. Mr. Sarma found the Garcinia kusumae marks the fourth instance of Mr. Sarma naming a botanical discovery after a family Mr. Sarma found the thoikora specimen in Ba-munbari, located in Baksa district, in April, during a survey of Garchina species. The tree's distinct morpho-logical features prompted further investigation. Spe-cimens were collected fol-lowing standard herbari-um protocols, including measing doub and tra-Augigium ninue (wife), and seeking disciplinary action er). This is the first time and guines the By leader. This is the first time and guines the By leader. This is the first time and the beamsteressen of the second second second the second second second second second second the second second second second second second the second second second second second second second the second Meanwhile, the Karna-taka LAS Officers' Association of the study noted. tion condemned the al-leged remarks by Mr. Ravikumar during a prot-est on Tuesday. metres tall, Garcinia kus Garcinia, the largest ge-nus in the family Clusia-mae was observed to flow er from February to April ceae, comprises 414 spe-cies of shrubs and trees. ween May and June.

Kerala raises concern over proposed trade treaty with U.S.

geobotany.

Kerala Agriculture Minister P. Prasad has written to Union Agriculture Minister Shivraj Singh Chouhan and Commerce Minister Pivush Comprehensi Commerce Minister Plyuab Goyal, raising concerns ov-er the proposed Indo-U.S. Free Trade Agreement (PTA). As agriculture was a State subject, the Centre should not sign any agree-ments that hart farmers, he cautioned, is is keeping this treaty as a secret, it should discuss the in Parlia-ment and with States. Even

tations with the [Keral] State government were ne-cosary to "avoid severe.so-ers, cooperations, and ru-form the backbone of our form the our for form the our form the our for form the our form the should disclose the defails Centre's efforts for farries. "Serials" agriculture, ment and with States. Even a data of the July 9 descent and the states are public defance deals are public dilice, beyond which the cardamon, tea, and co-ticed, but on this issue that United States may reform fee, angrows million there is complete silence," on Indian goods. "Howev-there is complete silence," on Indian goods. "Howev-there is complete silence,"



India's first clinic for transgender | Smouldering Wan Hai 503 still adrift

persons reopens in Hyderabad

Nagesh Prabhu BENGALURU

hree recent inci-dents of alleged "insult" meted out to senior civil servants in

Siddaramaiah have come under public scrutiny. Besides them, Mr. Sid-daramaiah giving instruc-tions "rudely" to senior ci-vil servants at public functions has also not gone down well with many offi-ciale. Thesa arms thet it has

cials. They argue that it has owered their morale. The most recent in-

stances that have drawn ire

were those of the Chief Mi-

nister "trying to slap" a police officer in Belagavi,

publicly reprimanding Vi-

gachi Industries in Pasha-

gachi industries in Pasha-mylaram, Telangana, where an explosion left 38 dead and over 30 injured. Sigachi Industries issued a

statement claiming that 38 workers had been killed in

On Thursday, 20 pieces

the blast

Karnataka Chief Mini Siddaramaiah have o





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And a find click be transgender people responsed under ante name taking in hydroxing and taking to the same taking in hydroxing and taking to the same taking in hydroxing and taking to the same taking in hydroxing and taking ta



Pan-tropically distributed, its centres of diversity are found in Africa, Australa-sia, and Southeast Asia. The genus is known for its floral diversity, frequent presence in lowland tropi-cal rainforests, and consid-enable absence-logical erable pharmacological

ven varieties of Garcinia have been documented,

discovery after a family member. Previous names include Amomum pratis-thana (after his daughter), Syzygium nivae (wife), and Garcinia sibeswarii (fath-er). This is the first time an Indian botanist-researcher has had four plant species named after Immediate fa-mily members. The epith-et kusumeng is in proceeding



adding that he would write letters to Agriculture Minis-ters of all States urging them to raise their voice against relaxing import du-ties on agricultural and Comprehensive consultations with the [Kerala]

off Kerala coast without a port of refuge

India's first clinic for transgender persons reopens in Hyderabad

<u>Siddharth Kumar Singh</u> HYDERABAD

Months after India's first transgender persons-led health clinic – Mitr Clinic – was shut down following a funding freeze by USAID, the landmark facility has made a comeback with a new name and renewed financial backing.

Now reopened as Sabrang Clinic, the community-run healthcare centre resumed services in May 2025 with support from the Tata Trusts, project lead Subash Ghosh said. The name Sabrang, meaning 'all colours', signals a more expansive vision for inclusive healthcare.

"Once the USAID issue



India's first clinic for transgender people reopened under a new name Sabrang in Hyderabad on Monday. SIDDHANT THAKUR

happened in January, we had to shut down operations. But we reached out to several philanthropic organisations and individuals. And now, Tata Trusts is supporting us," Mr. Ghosh told *The Hindu*. Launched in 2021 in

Hyderabad's Narayanguda, Mitr Clinic broke new ground as the first in India to be entirely staffed and managed by members of the transgender community. "Over 3,000 patients have been served since the clinic started," he said.

Aspect	Details
Original Name	Mitr Clinic
Reopened Name	Sabrang Clinic
Location	Narayanguda, Hyderabad, Telangana
Meaning of 'Sabrang'	'All colours' – symbolising inclusive healthcare
Managed & Staffed by	Members of the transgender community
Patients Served (so far)	Over 3,000 patients since inception
Funding Support	Now supported by Tata Trusts after USAID funding freeze
Year of Initial Launch	2021
Reason for Closure	Funding freeze by USAID in January 2025
Resumption of Services	May 2025

Year	Development
2014	NALSA vs. Union of India: SC recognized transgender persons as "Third Gender" & granted legal rights
2019	Transgender Persons (Protection of Rights) Act, 2019 passed
2020	Transgender Persons (Protection of Rights) Rules notified
Ongoing	States implementing policies for welfare, health, education

11 Challenges Faced by Transgender Community

- Social Stigma & Discrimination
- Exclusion from Employment & Education
- V Health Inequities & Lack of Gender-Affirmative Care
- V Housing Insecurity & Poverty
- Violence and Harassment

Recent Initiatives

Sabrang Clinic, Hyderabad (2025) – First Transgender persons-led health clinic reopens
Ministry of Social Justice: Scholarships, Skill Development Schemes
National Portal for Transgender Persons – for ID & welfare scheme applications
Some States: Free sex reassignment surgery, pension schemes, shelter homes

Paper	Торіс	ð
GS-I	Indian Society: Diversity, Social Empowerment	
GS-II	Vulnerable Sections: Rights & Welfare	
GS-III	Health & Education	
Essay	Social Justice, Inclusion, Human Rights	

Mains Practice Question

Q. Despite progressive legal recognition, transgender persons in India continue to face social exclusion. Critically analyze and suggest measures to address their concerns. (250 words)

Friday, July 4, 2025

SCIENCE

Endocrine disruptors in plastic waste: a new public health threat

Plastic pollution is no longer a distant environmental concern; it is a biological invasion with profound implications for human health: infiltration of microplastics and plastic-derived EDCs into human bodies is triggering hormonal disruption, reproductive dysfunction and chronic diseases

Bastics have revolutionised modern living with their and the same able of the same able spawning an invisible, long term health clogging landfills, plastics are now infiltraring our bodies through microplastic particles and a cocktail of microplastic particles and a cocktail of the ovidence is clear and decrive The evidence is clear and deeply concerning: these substances are interfering with our hormonal systems, damaging reproductive health and increasing our susceptibility to chronic diseases, including cancer. India, now the world's largest generator of plastic waste stands at the epicentre of this escalating public health emergency. Once considered inert pollutants, unce considered inert pollutants, microplastics – plastic particles smaller than 5 mm – are now recognised as biologically active. A 2022 study by Vrije Universiteit Amsterdam detected Universiteit Amsterdam detected microplastics in the blood of 80% of human participants. Further, a 2024 study published in Nature Scientific Reports reported the presence of microplastics in nearly 89% of blood samples in India, with an average samples in india, with an average concentration of 4.2 particles per milliliter. These particles have also been found in human lungs, hearts, placentas, breast milk, ovarian follicular fluid, and semen. Alarmingly, testicular tissue in Indian men was found to contain three imes more microplastics than in dogs. The plastics in our lives are not chemically neutral. They often contain EDCs such as: Bisphenol A (BPA) and BPS: used in water bottles, food containers, and thermal paper. They also have Phthalates (e.g., DEHP, DBP) that are used to soften pla stics and found in co toys and IV tubing and PFAS (Per- and polyfluoroalkyl substances), found in foor packaging and non-stick cookware packaging and non-stick cookware. These chemicali mimic or block natural hormoses such as entrogen, density of the second second second periodicitive organic, and induced apoptosis (cell death). Animal studies published in *Food and* covers low dones of polycytrene incroplastics desirpted testoretorene levels, impaired aperm production, and directo avec a dones with the second levels, impaired aperm production, and directs were abovered in ovaries, where

Sudheer Kumar Shukla

effects were observed in ovaries, where microplastics reduced anti-Müllerian ormone levels, triggered oxidative stress nathways, and induced cell death.

Microplastics in sperm Recent clinical studies from China and

India have linked the presence of microplastics in semen to reduced sperm ount, cone tration and motility Exposure to BPA and phthalates has been associated with lower testosterone levels and elevated luteinizing hormone (LH) levels – both indicators of endocrine uption. A global review published in



Plastic waste in India India generates over 9.3 million tonnes

plastic waste each year. Of this,

Science of the Total Environment further supports the connection between microplastics and male subfertility. Notably, a 2023 study in Environmental Science & Technology Letters reported a strong correlation between microplastic levels in semen and decreased sperm court motifius and abservable ount, motility, and abnormal morphology in Chinese men. In India, studies have documented a 30% decline n average sperm count over the past two A study published in Ecotoxicology and invironmental Safety (2025) found

3.5 million tonnes end up polluting the nicroplastics in 14 out of 18 follicular fluid nvironment. Studies have shown that amples collected from women residents in cities like Mumbai are indergoing fertility treatment in Italy. exposed to between 382 and 2.012 microplastic particles daily through air, food, and water. In Nagpur, doctors are exporting an increase in cases of early and learning disorders in children – conditions increasingly linked to plastic pollution. Caron I Board (PCP) detected pollution. Caron I Board (PCP) detected pollution. Becent testing by the Central Pollution Caron I Board (PCP) detected to the plastic pollution and the plastic pollution. Excern testing by the Central Chemani that exceeded European Union safety limits. Despite programs pollicies like the Despite programs pollicies like the testing of the plastic pollicies of the plastic pupdated in 2022 and 2020, enforcement remains inconsisten. Current regulations exposed to between 382 and 2.012 These particles, along with their associated endocrine-disrupting chemicals (EDCs), were found to chemicals (EDCA), were found to compromise eqg quality and were linked to menstrual irregularities, reduced estradiol levels, and an increased rink of estradiol levels, and an increased rink of estimation of the second second reduced also linked exposure to phthalates and BPA with conditions such as polycystic ovary syndrome (PCCS), endometriosis, and spontaneous abortions. They be an estimation of the second reduced by indings public beel in duce a support of the second second second second second pharmacology (2023) and Frontiers in Cell and Developmental Biology (2023). The International Agency for Research on Cancer (UARC) nov classifies several carcinogens. remains inconsistent. Current regulations do not account for low-dose effects or the complex interactions of EDCs, nor do they address the specific vulnerabilities of children and pregnant women. The health burden associated with carcinogens. Case-control studies from India have Case-control studies from india have shown that women with elevated levels of DEHP in their urine face nearly a threefold increased risk of breast cancer (odds ratio = 2.97). Exposure to BPA and phthalates has also been linked to higher EDCs in India is staggering, costing over \$25,000 crore annually due to increased healthcare spending and lost productivity The poorest populations, often living near waste dumps or working in the informal incidences of prostate, uterine, and waste dumps or working in the informal recycling sector, bear the brunt of this crisis. Globally, the U.S. reports annual healthcare costs of \$250 billion linked to plastic-related chemicals, according to th Endocrine Society. ticular cancers In addition to their carcinogenic In addition to their carcinogenic potential, these EDCs have been implicated in metabolic disorders. By mimicking cortisol, altering insulin sensitivity, and promoting fat storage,



crucial for establishing national programmes that measure EDC levels in blood, urine, and breast milk. Longitudinal studies must be funded to assess the health impacts of EDC emposure on fortility, neurodownlopment EDCs contribute to the development of obesity and type 2 diabetes. Moreover, PFAS exposure has been associated with metabolic syndrome, cardiovascular disease, and thyroid dysfunction, as reported in a 2024 study published in *Frontiers in Public Health*. exposure on fertility, neurodevelopment, and chronic diseases. In addition, public awareness needs to be improved, and behaviour changes should be encouraged, such as educating people on the risks of microwaving food in plastic containers and promoting the use of glass, stainless steel, and EDC-free alternatives. It is also approximately 5.8 million tonnes are incinerated, releasing toxic gases, while

important to advocate for antioxidant-rich diets to help counteract oxidative stress. Further actions should include enforcing plastic segregation, recycling, and safe disposal, while investing in microplastic filtration systems for water treatment plants Additionalls incentivising the development of biodegradable, non-toxic material biolografable, non-toxic materials is searnital to realize BDC exposure Participation is no inpert a data interpolation is no inpert a data intercoplatics and plastic-derived BDA disruption, reproductive dysfunction and disruption, reproductive dysfunction and having a search of the search of the disruption, reproductive dysfunction and having a search of the world's most exposed population, this is world's most exposed population, this is more than a policy issue - it is a generational imperative. We must address this silent epidemic through science-driven regulation, robust monitoring, education, and systemi change. The health of our people, especially our children, depends on it (Dr. Sudheer Kumar Shukla is an nvironmental scientist and sustainabilit expert with over 20 years of experience i expert with over 20 years of experier environmental policy, waste manage and the circular economy. He curren serves as head-think tank at Mobius Foundation, New Delhi. sshukla@mobiusf.org)

A new BHARAT – establishing healthy ageing parameters for the Indian population

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Rupsy Khurana

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lience, Adversity, and Transi-tions', as part of its Longevity India Program. The study aims We don't all age the same way, but we all do age. We intuitively recognise frailty when things start to slow down. Ageing unto map the physiological, mo-lecular, and environmental indicators that drive ageing in the folds at different rates, over time, between individuals, within and across populations. Indian population. "We lack clear information on what features define or influence healthy ageing," says Deepak Kumar Saini, convener of BHARAT and professor of de-Often, it happens in bursts. Ageing is complicated. It is driven by molecular and cellu-lar interactions and is shaped velopment biology and genet-ics at IISc. "We are building an information portal to under-stand the rules of healthy ageby one's environment, lifestyle, and socio-economic conditions. This means one's chron-

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Closer look: The Indian Institute of Science's BHARAT study aims to map indicators that drive ageing in the Indian population. ISTOCKPHOTO

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professor of computational biology at the Indraprastha In-stitute of Information Technol-ogy, Delhi, who is also one of the investigators of BHARAT. India's population is genetiintroductory namedia robust robust of unsate robust of the rob ness. This inflammation often results from early-life infec-tions, environmental tossin, oer bolic issues: "Ann't Joseph Bolic issues: "Ann't ness. This inflammation often functioning below its optimal es, including the difficulty of

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Once o Once consuered men pollutants, microplastics — plastic particles smaller than 5 mm — are now recognised as biologically active. Further, a 2024 study reported the presence of microplastics in nearly 89% of blood samples in India

Animal studies showed that even low doses of polystyrene microplastics disrupted testosterone levels impaired sperm production, and damaged the blood-testis barrier. Similar effects were observed in ovaries, where microplastics reduced anti-Müllerian hormone levels, triggered oxidative stress pathways, and induced cell death

The health burden associated with EDCs in India is

with EDCs in India is staggering, costing over 925,000 crore annually due to increased healthcare spending and lost productivity. This silent epidemic must be addressed through science-driven regulation, robust monitoring, public education and systemic change

A new BHARAT - establishing healthy ageing parameters for the Indian population

Rupsy Khurana

We don't all age the same way, but we all do age. We intuitively recognise frailty when things start to slow down. Ageing unfolds at different rates, over time, between individuals, within and across populations. Often, it happens in bursts.

Ageing is complicated. It is driven by molecular and cellular interactions and is shaped by one's environment, lifestyle, and socio-economic conditions. This means one's chronological age often does not reflect how old one's body really is. Since researchers discovered in 1935 that ageing can be altered, they have been looking for reliable biological clues, called biomarkers, that in isolation or together can indicate how old our bodies are and how they might respond to factors such as diet, exercise, etc.

Last year, the Indian Institute of Science (IISc), Bengaluru, launched a large-scale study called BHARAT, short for 'Biomarkers of Healthy Aging, Resi-

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lience, Adversity, and Transitions', as part of its Longevity India Program. The study aims to map the physiological, molecular, and environmental indicators that drive ageing in the Indian population.

"We lack clear information on what features define or influence healthy ageing," says Deepak Kumar Saini, convener of BHARAT and professor of development biology and genetics at IISc. "We are building an information portal to understand the rules of healthy ageing in Indians."

Worldwide, life expectancy has risen significantly over the past few decades.

Living longer does not mean living healthier. Studies have predicted a 168% increase in Parkinson's disease cases in India by 2050 and a 200% rise in dementia across low- and middle-income countries. Yet much of what we know about health and disease risk comes from studies in Western populations, which means the diag-

nostic tools, biomarkers, and

Closer look: The Indian Institute of Science's BHARAT study aims to map

indicators that drive ageing in the Indian population. ISTOCKPHOTO

even treatments may not be optimal for people in India or other non-Western countries.

Gaps for patients

This limited focus has created a gap between population-based biomarkers and diagnostic cutoffs for people in the Global South. This can lead to misdiagnosis and treatments that do not reflect how diseases progress or respond to therapeutics in different groups.

"Western values for cholesterol, vitamin D, or B12 may la-

bel many Indians as deficient. But are these truly abnormal within our context? Our study aims to answer that. We are not only identifying biomarkers for healthy ageing but also building the Bharat Baseline – a reliable reference for what is normal in the Indian population," Prof. Saini savs.

Earlier this year, researchers from Sichuan, China, reported in Scientific Reports that certain biomarkers for breast cancer. such as high levels of high-density lipoprotein cholesterol,

could signal an elevated risk in European populations but may serve as supportive indicators in Asians.

"We see differences in inflammatory markers. For instance, C-reactive protein (CRP) levels tend to be elevated in Indians even without acute illness. This inflammation often results from early-life infections, environmental toxins, or chronic nutritional and metabolic issues," Shawn T. Joseph, senior consultant, head and neck surgical oncology, VPS Lakeshore Hospital in Kochi, says. "Applying Western CRP cut-offs risks missing early warning signs of cardiovascular or metabolic disease in Indian patients," he adds.

An India-specific database

BHARAT's goal is to change this. Its database will include genomic biomarkers (like mutations linked to disease susceptibility), proteomic and metabolic indicators (reflecting biological pathways and metabolic health), and environmen-

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tal and lifestyle factors. Identifying early warning

signs of age-related changes can enable better prediction. intervention, and potentially delay the onset of disease. There is a need for proactive markers of health, indicators that can tell when an organ is functioning below its optimal level, even if it is not yet diseased. For instance, your liver age is more than your chronological age. To do that, researchers must sift through large, many-dimensional datasets and plan to take the help of artificial intelligence (AI) models.

"AI and machine learning are essential to integrate and analyse layered data to see the full picture. It can simulate the impact of interventions and augment existing datasets to improve signal detection that may otherwise be missed in high-dimensional, small-sample studies. This will help us choose the most effective interventions before launching costly trials," says Tavpritesh Sethi,

professor of computational biology at the Indraprastha Institute of Information Technology, Delhi, who is also one of the investigators of BHARAT.

India's population is genetically, environmentally, and socio-economically diverse. Prof Saini anticipates a few challenges, including the difficulty of obtaining samples from healthy adults, securing longterm government and philanthropic funding, and expanding the study to collect samples from across the country.

(Rupsy Khurana is science communication and outreach lead at the National Centre for Biological Sciences, Bengaluru. khurana.rupsy@gmail.com)

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P Key Highlights

Aspect	Details
Full Form of BHARAT	Biomarkers of Healthy Aging, Resilience, Adversity, and Transitions
Led By	Indian Institute of Science (IISc), Bengaluru
Objective	To map physiological, molecular, and environmental indicators influencing ageing in the Indian population
Reason for Study	Western biomarkers & diagnostic cut-offs may not apply to Indian population
Unique Focus	Develop India-specific baseline for healthy ageing & disease risk

Why India Needs its Own Ageing Parameters

- Ageing is influenced by:
 - Molecular & cellular interactions
 - Environment
 - Lifestyle
 - Socio-economic conditions
- Existing global diagnostic tools:
 - Derived mostly from Western populations
 - May lead to misdiagnosis or inappropriate treatments in Indians

Global Context & Indian Gaps

Issue	Implication for India
Rise in Parkinson's & Dementia cases	Predicted 168% & 200% increase by 2050 in India
Western biomarker cut-offs	May not suit Indians (e.g., CRP levels, cholesterol, Vitamin D)
Early-life infections & toxins	Lead to different inflammatory markers in Indians
Inadequate data from Global South	Creates treatment & diagnostic gaps

India-Specific Database

BHARAT study will compile:

Genomic biomarkers (disease susceptibility)

Proteomic & metabolic indicators

Lifestyle, nutrition & environmental data

Use of AI & Machine Learning:

- To integrate multi-dimensional data
- Predict disease risk earlier
- Improve detection & targeted interventions



Why same cab ride costs more at times: How dynamic, surge pricing work

ANAGHA JAYAKUMAR NEW DELHI, JULY 3

THE MINISTRY of Road Transport and Highways announced this week that cab aggregator companies such as Uber, Ola, and Rapido may now charge customers up to twice the base fare as the maximum fare.

The Motor Vehicle Aggregator Guidelines, 2025, notified on July 1, raised the limit from its previous ceiling of 1.5 times the base fare. "The aggregator shall be permitted to charge a minimum of 50% lower than the base fare and a maximum dynamic pricing of two times the base fare...," the guidelines said.

Individual state governments notify base fares for specific categories of motor vehicles. The Ministry has advised states to adopt these revised guidelines within three months.

Dynamic pricing

Dynamic pricing is a structural response to customer demand. It entails increasing prices when the demand for a product or service is high, and lowering them during periods of low demand.

Companies resort to dynamic pricing models to benefit from variations in the supply and demand of a product or service. This is simply market economics at work.

Dynamic pricing follows the economic theory of demand, which states that the price of a product will increase when its demand increases in relation to its supply. This can happen due to a variety of factors. Demand for cabs can go up in the business district during the evening rush hour. Rain can reduce the availability or supply of cabs. Dynamic pricing models are widely used

across industries, including entertainment, utilities, and hospitality. The e-commerce giant Amazon has a dedicated 'Automate Pricing' tool, which allows sellers to set rules and parameters describing when and how prices may fluctuate for a range of products.

The Indian Railways, which transports more than 20 million passengers every day, first considered implementing dynamic pricing in 2006. Then Minister for Railways Lalu Prasad proposed a dynamic pricing scheme for both freight and passenger trains, impacting peak and non-peak seasons, and premium and non-premium

services. In 2016, the Railways formally adopted the 'flexi-fare' scheme, under which base

fares of Rajdhani, Duronto, and Shatabdi trains would increase by 10% with every 10% of berths sold, capping at 1.5 times the original fare. Changes were subsequently made following reviews of the scheme.

Dynamic pricing models have been criticised for enabling price gouging. Airlines have been accused of trying to cash in on high demand in certain sectors at certain times, raising fares unreasonably.

Last September, after ticketing platform Ticketmaster was accused of inflating ticket prices for a concert by the rock band Oasis on checkout, UK Prime Minister Keir Starmer had described the price hike as "depressing".

Surge pricing

While the terms dynamic pricing and surge pricing are sometimes used interchangeably, 'surge' is a part of the dynamic pricing

strategy that companies employ.

Surge refers to the additional fee demanded from the consumer during periods of high demand, such as rush hours, when traffic congestion is at its peak. Such fees are also applied to utilities such as electricity, and used to help balance supply and de-

mand and prevent potential blackouts.

In the case of ride-sharing aggregators, the premise is this: Rush hours correspond with periods of increased demand for rides — and with more users in an area demanding the cab service compared to the number of drivers available, ride prices in the area surge.

Surges present the consumer with the choice of either booking the ride at the higher price or waiting for prices to come down. Surge pricing also helps attract more drivers to an area to benefit from the increased prices, which ultimately helps reduce and normalise fares.

According to Uber's website, its drivers are made aware of the surge price through a multiplier to the standard rate, an additional surge amount, or an upfront fare including the surge amount, which incentivises them to accept rides. The Uber Driver app indicates the area-wise demand spikes through a colour-coded scheme. "Light or-

ange areas represent smaller earning opportunities from surge, while dark red areas indicate larger ones," says the website.

In 2016, Wharton Business School researchers Gerard P Cachon, Kaitlin M Daniels and Ruben Lobel argued that the surge pricing model, while critiqued, did benefit Uber consumers by helping subsidise prices during off-peak times.

Their research compared the surge pricing model to a benchmark fixed price and found that it also allowed Uber to serve markets that would otherwise remain underserved under a fixed pricing model, such as consumers hailing a cab on a rainy night.

They also argued that Uber allows drivers to "self-schedule", or decide their operating schedule, allowing them to gravitate towards areas facing a driver shortage when surge prices are effective. (Cachon, Daniels, Lobel, The Role of Surge Pricing on a Service Platform with Self-Scheduling Capacity', SSRN, 2016)



Aspect	Details
Issuing Ministry	Ministry of Road Transport & Highways
Guidelines	Motor Vehicle Aggregator Guidelines, 2025
Dynamic Pricing Limit	Minimum 50% lower & maximum 2 times the base fare
Earlier Limit	1.5 times the base fare
Applicability	Cab aggregators like Uber, Ola, Rapido
State Role	States to notify base fares within 3 months

Dynamic Pricing Explained

- Structural response to changing **demand & supply**
- Prices increase when demand > supply (e.g., rain, peak hours)
- Prices decrease during low demand periods
- Rooted in economic theory of demand & supply

Examples Across Industries:

- Airlines
- Electricity utilities
- Entertainment (concerts, events)
- Railways (Indian Railways' flexi-fare for Rajdhani, Shatabdi, Duronto)
- E-commerce (e.g., Amazon's Automated Pricing Tool)

Surge Pricing	Details
Subset of Dynamic Pricing	Specific to temporary spikes in demand
Example	Rush hours, traffic congestion, rainy days
Consumer Choice	Pay higher fare or wait for demand to cool down
Uber's Practice	Drivers see a colour-coded demand map; 'light orange' = small surge, 'dark red' = large surge

Criticism & Debate

- Allegations of price gouging
- Public backlash (e.g., Ticketmaster concert controversy in UK)
- Airlines & Railways face similar criticisms
- Ethical concerns during natural disasters, emergencies

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Genome Sequencing

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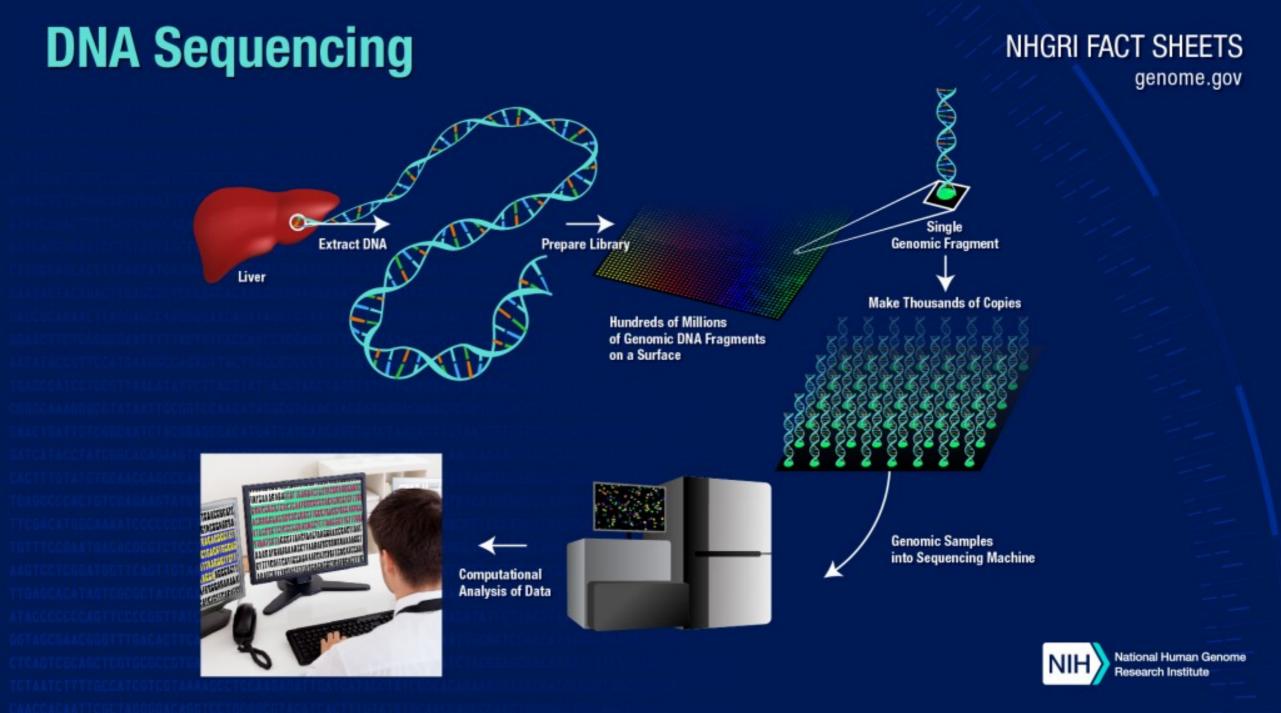
- Researchers have sequenced the first whole ancient Egyptian genome from an individual who lived 4,500-4,800 years ago — the oldest DNA sample from Egypt to date.
- About
- DNA was successfully extracted from the individual's teeth.
- The genome of the ancient Egyptian is said to be the most complete and oldest from Ancient Egypt.

• Genome

- The genome of an organism is made up of a unique DNA or RNA sequence.
- The human genome is the complete set of genetic information for Homo sapiens.
- It consists of about 3 billion base pairs of DNA, organized into 23 pairs of chromosomes.
- Each chromosome carries a unique set of genes, which are sequences of DNA that encode instructions for building proteins and other molecules essential for life.

• Genome Sequencing

- Each sequence is composed of chemical building blocks known as **nucleotide bases.**
- Determining the order of bases is called "genomic sequencing" or, simply, "sequencing."
- The information encoded in the genomes provide researchers with unique genetic "fingerprints."
- The sequence tells scientists the kind of genetic information that is carried in a particular DNA segment



DengiAll

- India has reached the **50% enrolment mark** in its first phase III clinical trial for the **indigenous tetravalent dengue vaccine**, **DengiAll.**
- About DengiAll
- It is developed by Panacea Biotec Limited under a licensing agreement with the National Institutes of Health (NIH), the primary US federal agency.
- **DengiAll** has a weakened form of all **four dengue virus subtypes** and has the same virus composition as the vaccine developed by NIH, except for the inactive ingredients.

The trial has been approved by the **Drug Controller General of India.**

A Phase I and II clinical trial conducted in India revealed a balanced and robust immune response across all four dengue virus types.

The ICMR-National Institute of Translational Virology (NITVAR) and AIDS Research (formerly ICMR-NARI) is **responsible for overall trial coordination.**

- Dengue
- Dengue is a mosquito-borne viral disease caused by the Dengue virus (DENV), which has four serotypes (DENV-1, DENV-2, DENV-3, and DENV-4).
 - It is transmitted primarily by the Aedes aegypti mosquito.
- Spread: The virus does notspread person-to-person directly.
 - A mosquito becomes infected by biting a person already infected with the virus, and then can transmit the virus to another person through a subsequent bite.

- Vaccine: Dengvaxia (CYD-TDV) approved in some countries, recommended for individuals aged 9-16 with a history of dengue infection.
- **Dengue fever** is **one of the top 10 threats** to global health, according to the World Health Organisation (WHO).
- **Dengue in India:** India accounts for a large fraction of global dengue cases; 2.3 lakh cases and 297 deaths were reported in 2024.

WHAT IS DENGUE?

- · An infection caused by the dengue virus.
- Spread by infected mosquitoes.
- Common in parts of Central and South America, the Caribbean, Africa, the Middle East, Asia, and the Pacific Islands.

WHAT SHOULD I KNOW?

- Anyone who lives or travels to an area with risk of dengue can get infected.
- Before you travel, <u>check</u> to see if the country you are visiting has risk of dengue.

SIGNS AND SYMPTOMS

PREVENTION



Fever with any of the following



Aches and pains



Rash



Nausea/vomiting



Use insect repellent, and treat clothing and gear with permethrin (insecticides).

M

Wear loose-fitting, long-sleeved shirts and pants.



Choose a hotel or lodging with air conditioning or window and door screens.



Sleep under a mosquito net if you are outside or when screened rooms are not available.

WHEN TO SEE A DOCTOR

Seek immediate medical attention if you or a family member have any of the following symptoms:

- · Belly pain or tenderness,
- · Vomiting (at least 3 times in 24 hours),
- · Bleeding from the nose or gums,

- Vomiting blood, or blood in poop, or
- · Feeling extremely tired or restless.



• The Employees' State Insurance Corporation (ESIC) approved the SPREE 2025 scheme (Scheme for Promotion of Registration of Employers and Employees) during its 196th meeting held in Shimla

• The Scheme for Promotion of Registration of Employers and Employees (SPREE) 2025

 It is approved by ESIC and aims to expand social security coverage by allowing unregistered employers and employees—including contractual and temporary workers to register digitally from July 1 to December 31, 2025, without inspections or demands for past dues. Registration will be effective from the declared date, with no contributions or benefits applied retroactively, encouraging voluntary compliance by removing penalties and easing the process.

• Importance

- It seeks to bring more establishments and workers under the ESI Act, enhancing access to essential health and social benefits.
- It represents a significant step towards a more inclusive and accessible social security system, supporting ESIC's goal of universal protection and a welfare-focused labour ecosystem in India.

NCB's Operation- MED MAX

The Narcotics Control Bureau (NCB), under Operation MED MAX and in coordination with international agencies, has dismantled a transnational drug cartel operating across more than 10 countries in Asia, North America, Europe, and Oceania.

NCB: Headquartered in New Delhi, NCB is the apex drug law enforcement and intelligence agency in India, constituted in 1986 under the provisions of the Narcotic Drugs and Psychotropic Substances (NDPS) Act, 1985.

- The National Policy on Narcotic Drugs and Psychotropic Substances is based on Article 47 of the Indian Constitution, a Directive Principle of State Policy, which mandates the prohibition of the consumption of intoxicating drugs except for medicinal purposes.
- Functions and Powers of NCB: Operates under the Ministry of Home Affairs and coordinates with various central and state agencies for enforcement and policy implementation.

- Other Major Legislation Governing Drugs: Drugs and Cosmetics Act, 1940, and Prevention of Illicit Traffic in NDPS Act, 1988.
 - India is a signatory to key international conventions like Single Convention on Narcotic Drugs, 1961 (as amended by 1972 Protocol), Convention on Psychotropic Substances, 1971, and UN Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances, 1988.

Word of the day

Woebegone:

worn and broken down by hard use; affected by or full of grief or woe

Synonyms: creaky, decrepit, derelict, flea-bitten, run-down

Usage: That is a woebegone old shack.

Pronunciation:

newsth.live/woebegonepro

International Phonetic Alphabet: /wəʊbɪgɒn/





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