

TRENDING

Mumbai News Delhi News Chandigarh News Bangalore News Pune News Lucknow News Ahmedabad News Chennai News

ADVERTISEMENT

News / India / Genome data of 10k Indians available for research, PM says milestone

Genome data of 10k Indians available for research, PM says milestone

Launching the mammoth dataset — 8 petabytes of data stored at the Indian Biological Data Centre — Prime Minister Narendra Modi Friday hailed the “milestone” in biotechnology research.

Written by Anonna Dutt (Follow) New Delhi | January 10, 2025 03:57 IST



EXPRESS Shorts

2 min read



Prime Minister Narendra Modi (PTI)



Delhi HC directs Air Force school to consider teacher for career progression schemes

India 19 min ago

Delhi High Court directs a school to consider a retired teacher for financial upgradation under the ACP scheme, stating that the condition of possessing a higher qualification in the same subject only applies to language teachers, not science teachers.

VIEW ALL SHORTS

LIVE BLOG

CTET Result December 2024, Ctet.nic.in LIVE Updates: Scorecards out 9 hours ago

Delhi News Live Updates: Acting on AAP complaint, EC orders probe against BJP's Parvesh Verma 5 hours ago

Mumbai News Live Updates: Dhananjay Munde says not involved in sarpanch

The genome sequencing data of 10,000 Indians, sequenced from 99 distinct populations, will now be available for researchers to develop medicines tailored to the local population.

Launching the mammoth dataset — 8 petabytes of data stored at the Indian Biological Data Centre — Prime Minister Narendra Modi Friday hailed the “milestone” in biotechnology research.

He said in a filmed address at the Genomics Data Conclave in New Delhi: “The Genome India project is an important step in the country’s biotech revolution. With this project, we will create a diverse genetic resource... **India is not only diverse in geography, food, and culture, it is also diverse in genetic make-up. So, knowing the genetic identity of the country is important.**”

Union Science Minister Jitendra Singh said the project **will boost the biopharma sector and ensure that Indian diseases are treated with Indian remedies.**

STORIES YOU MAY LIKE

Will your bad cholesterol go up if you eat eggs every day? Here’s how you should have them

India’s meeting with the Taliban is part of its commitment towards the Afghan people

If you find it impossible to touch your palms to the shoulders, read up

Importantly, **the Department of Biotechnology also released a framework for sharing the highly sensitive dataset. “The data will be made available only through managed access — meaning it would be available only to research institutes that partner with us for the study,”** said Dr Suchita Ninawe, senior scientist from Department of Biotechnology.

Researchers wishing to utilise the data will have to respond to a call for proposals and collaborate with the department. The research will be funded by the government.

On anonymising the data, Dr Ninawe said. “After the samples from different regions are collected and sequenced by one of the partner institutes, it would be encoded before being uploaded to the central database. When the data is shared further with those wishing to study it, it would be encoded once again. This is to ensure that there is no way for the anonymity to be breached.”

ADVERTISEMENT



Subscribe to receive the day’s headlines from The Indian Express straight in your inbox

Santosh Deshmukh’s murder: Maha Dy CM Ajit Pawar
5 hours ago

California Los Angeles V Updates: Wildfires still s Los Angeles, Hollywood from space
2 hours ago

EXPRESS RESEAR

How Kumbh platform for Independenc



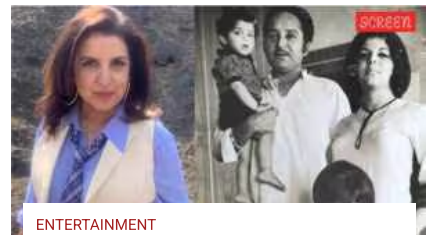
Top Stories



Heads roll after Tirupati stampede -- Deputy SP, two others suspended, 3 officers transferred, big changes at TTD



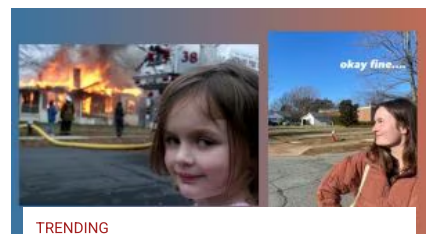
Same-sex marriage legal recognition: SC dismisses review petition, says 'no interference is warranted'



ENTERTAINMENT
Farah Khan recalls hitting poverty after dad’s film flopped, renting out living room to survive: 'He died penniless with only Rs 30'



ENTERTAINMENT
Rekhachithram movie review: Asif Ali, Anaswara Rajan's mystery thriller is a tribute to the magical allure of cinema



TRENDING
'Disaster Girl' Zoe Roth recreates the iconic meme 20 years later

strugglingforexistence@gmail.com

Subscribe

Approved by the government in 2020, the Genome India project looks to create a comprehensive catalogue of genetic variations found in the Indian population.

© The Indian Express Pvt Ltd



Anonna Dutt

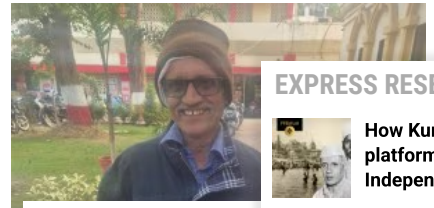
Follow



Anonna Dutt is a Principal Correspondent who writes primarily on health at the Indian Express. She reports on myriad topics ranging from the growing burden of non-cc ... Read More

This article went live on January tenth, twenty twenty-five, at fifty-seven minutes past three at night.

TAGS: Genome Sequencing Jitendra Singh Narendra Modi



EXPRESS RESEAR

How Kumbh platform for Independence

TRENDING

IRTS officer's heart-felt tribute to retiring colleague wins hearts online: 'We are indebted to him'



SPORTS

Will selectors give Yashasvi maiden ODI call-up? Will Surya find a return route? Is Jadeja's time up?



SPORTS

Malaysia Open badminton: Satwiksairaj Rankireddy-Chirag Shetty enter last 8 as they continue to chart way back from Olympics disappointment



OPINION

To grow economy, help consumers spend



EXPLAINED

Southern California wildfires 2025 explained: Why the blaze in winter, why it is so bad



LIFESTYLE

'How long can you stare at your wife?': L&T chairman suggests

working 90 hours a week, even on