



सत्यमेव जयते
Government of India



Media Scanning & Verification Cell



Media alert from the Media Scanning & Verification Cell, IDSP-NCDC.

Alert ID	Publication Date	Reporting Date	Place Name	News Source/Publication Language
4389	01.11.2017	01.11.2017	Tamil Nadu	www.timesnownews.com/English http://www.timesnownews.com/health/article/new-variant-of-dengue-virus-confirmed-in-southern-india/116699
Title:	New variant of dengue virus confirmed in Southern India			
Action By CSU, IDSP -NCDC	Information communicated to SSU-Tamil Nadu			

At a time when dengue, a mosquito-borne viral disease, is already creating havoc in several parts of the country, scientists at the National Institute of Virology (NIV) in Pune have spotted a new genetic variant of the existing dengue virus in Tamil Nadu.

As per a report in TOI, the new virus discovered is of an Asian genotype (genetic structure) that caused severe epidemics in Singapore in 2005 and Sri Lanka in 2009.

According to the World Health Organisation (WHO), the dengue virus (DEN) comprises four distinct serotypes (DEN-1, DEN-2, DEN-3 and DEN-4) which belong to the genus Flavivirus, family Flaviviridae.

They said the virus type was also responsible for dengue outbreaks in Tamil Nadu in 2012 and Kerala in 2013. It was again detected in a sample from Vellore in 2015.

Scientists at the NIV, which is the apex body for virology research in the country under the Indian Council of Medical Research, spotted the new virus while carrying out a routine study that analyses samples of dengue virus to identify the virus strain circulating in different parts of the country.

Save Water- Save Life, Save a tree- Don't print unless it's really necessary!

Disclaimer:- This is a media alert subject to verification.

**Integrated Disease Surveillance Programme (IDSP), National Centre for Disease Control,
Ministry Of Health & Family Welfare, Government of India**

22-Sham Nath Marg, Delhi – 110 054

For more information please contact: Media Scanning & Verification Cell: - Phone (011)23946029

Email: - idsppediaalert@gmail.com, idspp-misc@nic.in, idspp-npo@nic.in

Join us on



<http://www.facebook.com/pages/Media-Scanning-Verification-Cell-IDSPNCDC/137297949672921>

twitter

<https://twitter.com/MSVC1>

Page 1



एक कदम स्वच्छता की ओर

The new dengue virus, DENV-1, which entered into India from Singapore, was detected in blood samples drawn from patients in southern India. Scientists said both genotypes of DENV-1 are now co-circulating in Tamil Nadu and Kerala.

Experts are studying samples from Maharashtra, Delhi and some other states to find out whether the new Asian genotype is circulating in these regions as However, scientists said finding does not mean the Asian genotype has become more prevalent than the American-African genotype of DENV-1 that has been in circulation in India since the 1940s.

Their findings were published in a research paper, 'Emergence of the Asian genotype of DENV-1 in South India', in the peer-reviewed journal "Virology" this month.

💧 Save Water- Save Life, 🌳 Save a tree- Don't print unless it's really necessary!

Disclaimer:- This is a media alert subject to verification.

**Integrated Disease Surveillance Programme (IDSP), National Centre for Disease Control,
Ministry Of Health & Family Welfare, Government of India**

22-Sham Nath Marg, Delhi – 110 054

For more information please contact: Media Scanning & Verification Cell: - Phone (011)23946029

Email: - idsppediaalert@gmail.com, idspp-misc@nic.in, idspp-npo@nic.in

Join us on



<http://www.facebook.com/pages/Media-Scanning-Verification-Cell-IDSPNCDC/137297949672921>

twitter

<https://twitter.com/MSVC1>



एक कदम स्वच्छता की ओर