

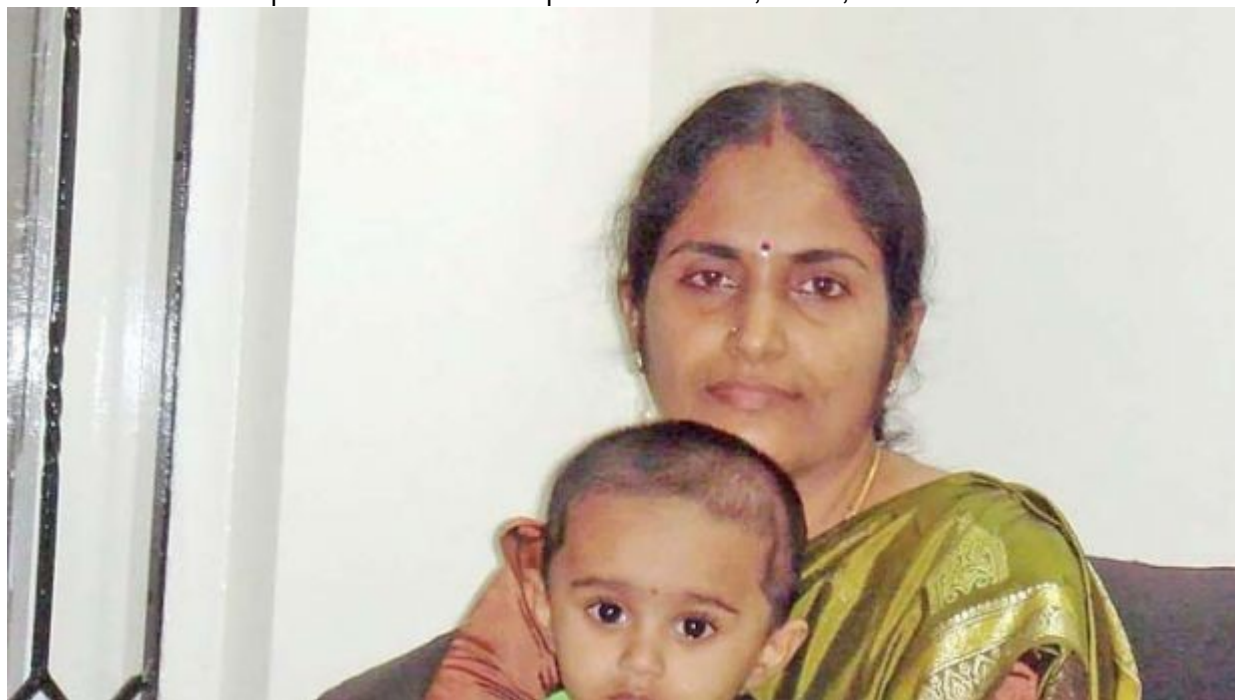
DECCAN Chronicle

Published on *Deccan Chronicle* (<http://www.deccanchronicle.com>)

[Home](#) > IIT researcher patents painless dental composite

IIT researcher patents painless dental composite

Deccan Chronicle | ASHMITA GUPTA | December 29, 2015, 06.12 am IST



V. Sushila Anand

Chennai: Good news for those who undergo root canal surgery. A researcher at IIT-Madras has come up with a new patented dental composite used for root canal and tooth filling that would be painless and would be devoid of burning sensation. V. Sushila Anand, a research student under Venkatesh Balasubramanian of Engineering and Design department of IIT Madras, quit her job to do this research and came up with a dental composite which doesn't shrink and is less painful and can be used for all kinds of dental filling.

According to Sushila, the research has yielded a composite that not only does not leach any undesirable endocrine disruptor but also in addition does not shrink. "This polymerization reaction of the new indigenous composite is far from being exothermic unlike the conventional one, as a result it doesn't heat up or burn the pulp inside the tooth. We have designed the restoration material and it is the backbone for various purposes," she said.

This research was published in a medical journal 'Dental Materials' which got a very good feedback. "My research was reviewed by Harvard University," she said. She also said since this composite is patented, she couldn't reveal to the media as to what material had been used in it.

Sushila said this new composite would be cost-effective and it would cost less than the conventional composite. She pioneered this idea and joined IIT for part-time research in 2009 and finished it in 2014.

Write your
comment...



[1]



[2]

Download the all new Deccan Chronicle app for [Android](#) [1] and [iOS](#) [2] to stay up-to-date with latest headlines and news stories in politics, entertainment, sports, technology, business and much more from India and around the world.

Tags: [nation](#) [3]
[South](#) [4]
[Chennai](#) [5]
[Tamil Nadu](#) [6]
[IIT-Madras](#) [7]
[Dental](#) [8]

[9]

Give a rating:

Leave a comment

Latest

ME

What is your opinion?

Talk of the Town

[#Discover](#)

Source URL: <http://www.deccanchronicle.com/151229/nation-current-affairs/article/iit-researcher-patents-painless-dental-composite>

Links:

- [1] https://play.google.com/store/apps/details?id=com.dc.dcapp.view&feature=search_result#?t=W251bGwsMSwyLDEslmNvbS5kYy5kY2FwcC52aWV3II0.
- [2] <https://itunes.apple.com/in/app/deccan-chronicle-for-iphone/id478674381?mt=8>
- [3] <http://www.deccanchronicle.com/content/tags/nation>
- [4] <http://www.deccanchronicle.com/content/tags/south>
- [5] <http://www.deccanchronicle.com/content/tags/chennai>
- [6] <http://www.deccanchronicle.com/content/tags/tamil-nadu>
- [7] <http://www.deccanchronicle.com/content/tags/iit-madras>
- [8] <http://www.deccanchronicle.com/content/tags/dental>
- [9] <http://campaign.bharatmatrimony.com/track/clicktrack.php?trackid=00100326114361>

Write your comment...