

VNIT.AC.IN



THE SOLUTION

Sustainable construction materials using agro-industrial by-products.

HOW IT ADDRESSES THE PROBLEM

This solution uses sugarcane bagasse ash, a by-product of agro-industries, to create a sustainable, durable, and cost-effective construction material. Sugarcane bagasse is one of the largest industrial waste products by annual tonnage, and this solution addresses a significant waste disposal challenge as well. **NAME:** Rahul V Ralegaonkar, VNIT

LOCATION: Nagpur, Maharashtra



WHO IS THE TARGET GROUP

The technology is suitable for The technology is suitable for builders, developers, civil engineers, as well as agro-industries for sourcing.

WHAT HAS BEEN THE IMPACT SO FAR

The technology has been extensively tested and bricks have been prototyped.