



**HEMPCRETE
BUILDER**

BUILDING SUCCESSFUL COMMUNITIES

NAME:

Hempcrete Builder, Auroville
Earth Institute

LOCATION: Auroville, Tamil Nadu /
Puducherry



THE SOLUTION

A hempcrete-based construction system including interlocking bricks, panels, and composite reinforced elements.

HOW IT ADDRESSES THE PROBLEM

An environmentally friendly and sustainable construction system which utilizes agricultural waste and byproducts, such as hemp, to create bioconcrete mixes that offer good thermal and acoustic insulation. A modular / prefabricated approach is envisioned for scaling up in the market.

WHO IS THE TARGET GROUP

Hempcrete can be used toward construction of houses under PMAY(U), and will also involve participation of agricultural workers for sourcing of raw materials.

WHAT HAS BEEN THE IMPACT SO FAR

The team is supported by several research institutes like Auroville Earth Institute, and has collaborated with agencies such as Himachal Hemp Association, Auroville Hemp Planet, and Tesla Hemp Company. A model PMAY house has also been built in Kerala.