

DESIGN

Can steel be made obsolete in construction?

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The founder-chairman of Samarpan Foundation, a non-profitable charitable organisation, Patrick Sanfrancesco has worked on a unique project that aims at doing so! In this structure constructed at the Sarathu Kandigai Village in Red Hills in Chennai, nylon fish net was used instead of steel. This works out to be 1 per cent of the total cost of steel that is used in construction. Using discarded PET bottles filled with waste mud, instead of bricks, and concrete slabs reinforced with nylon fish net, this house was built to be environment friendly and extremely affordable.