IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 2, February 2022

Manufacturing of Eco Friendly Bricks

Sanjana S. Pimprekar, Kiran M. Gadhari, Akshada K. Gaikwad, Snehal. B. Bhusare, Vishwadeep. V. Ambhore

Students, Department of Civil Engineering Guru Gobind Singh Polytechnic, Nashik, Maharashtra, India pimprekarsanjana@gmail.com, kiranmgadhari3003@gmail.com akshada8999@gmail.com, snehalbhusare10@gmail.com vishwadeepambhore2374@gmail.com

Abstract: Recycling of waste material in the form of bricks. Although this concept is used worldwide but we used waste materials like medical masks, Newspapers, & chewing gum .etc. At initial stage we used material like Cement, white cement & waste materials suitable quantity of water. First of all we collect used mask with proper care & sanitation, cut into number of piece store in hot water & same process with paper. After that we prepare mixture of Cement, masks, newspaper & Chewing gum with suitable quantity of water. And blend is manually prepared & placed in the wooden mould, till it gets solid after satisfied days different test such as compression, striking, falling, scratching with help of nails such type of test conducted by obtaining satisfied result to find out new way of brick.

DOI: 10.48175/IJARSCT-2798

Keywords: Eco Friendly Bricks, Chewing Gum, Recycling of Material.