

Marathi Vidnyan Parishad
Vidnyan Sanshodhan Puraskar - 2010

Title of the project: Ethanol Preparation from Rice husk

Abstract of the project work: In this project our aim is to synthesis ethanol from rise husk, which is a main waste product in our Alibag area. The two methods which we are going to use areas : (i) By carried out hydrolysis with acids and then fermentation (ii) By using bacteria C. thermocellum for fermentation. In this me project I found find out the exact amount of ethanol which we can pr synthesise from 1 kg of rise husk. I found that method (2) is very economic and by using this method we can synthesis ethanol on large quantity. So we can use ethanol as fuel in our day to day life.