**FABRICATION OF MECHANICAL OPERATED PAPER PLATE MACHINE**

Abstract – In our daily life, we may find a lot of problems related to pollution, especially the earth, the ocean. The main causes of this pollution are disposable plates which are made of thermocol, plastics, ceramics and pollutant materials, they will not decompose into the earth. Bio-waste plates describe the design and fabrication of plate making machine. After a short description of the basics of the machine, this paper plates the analysis of the structure. The purpose of the mechanical-operated plate making machine is to make the plates from bio-waste to prevent the use of plastics. The manual-operated plate making machine aims to make the plate and fabricate the machine within minimum cost. It will most useful to tribal people.

Which people not have electricity and transport facilities.

In the world of automation, everyone needs less work but it is required high initial investment, which is not possible to the common person. Therefore, it has been trying to make something affordable to the common man and they can start their own business in their home with minimum investment. This proposal evaluates the technical feasibility and financial viability in setting up a small-scale enterprise to do the activity on manufacturing and sale plate in the small districts and all-over rural areas. In using this plate making machine, the demand for plates is increasing continuously. To satisfy demand, current productivity also should be increased. The material to use for manufacturing plates are kakana tree,banana tree, and Fibers of tree.