Abstract

MICRO CONTROLLED BIN-BOAT SOLUTIONS CLEANING WASTE IN INDONESIA RIVER

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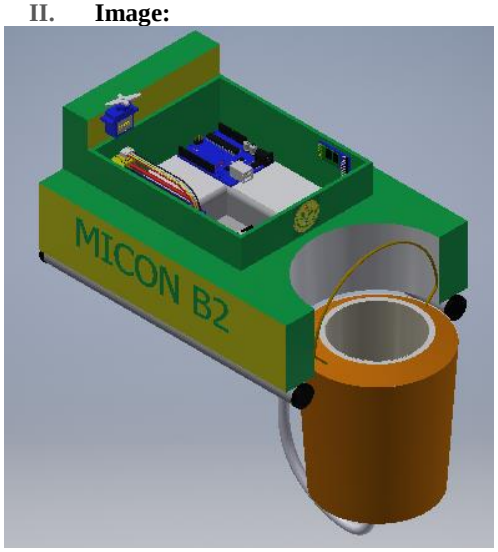
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I. Abstract Body

Waste is one of the biggest problem in Indonesia. One of the many effects caused by waste is flood, which is one of the factors in the occurrence of flooding that is clogged up in the river. Waste that is not immediately handled will cause waste to flow to the sea. Waste dumped in rivers can lead to siltation and will potentially clog the river flow, and result in the river flow being hampered if rain comes, so it will overflow and cause flooding. According to the head of the DKI Jakarta Sanitation Office, said that of the 13 major rivers the amount of waste is 356.08 tons. Technology that can overcome waste is needed, one of which is FPC which includes Flexible, Practical and Cheap. The researcher designed a waste cleaning device called Micro Controlled Bin-Boat. The purpose of this paper is to make the design and construction of Micro Controlled Bin-Boat as a cleaning tool for waste in the river and to know the concepts and workings of Micro Controlled Bin-Boat. This written work was created by a design of a river cleaning tool that is solutive and suitable to be applied in river rivers in Indonesia.

II. Image:



III. Reference:

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Muhammad Haris is a S1 student in Mechanical Engineering Education Study Program, Jakarta State University. Muhammad Haris joined the research organization on campus.

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