

## **ABSTRACT**

*The river is a source of water for residents who live along the river. But now the river begins to be polluted with garbage. Garbage in the river begins to accumulate over time, the accumulation of garbage is caused by people who are still less concerned about the environment, causing flooding and disease. There are several alternatives to overcome the problem of garbage in the river such as taking out the garbage with an excavator, hiring the community to clean up, and using machines. Automated River Cleaner Machine is a garbage transport device that aims to overcome the problem of the large amount of garbage that flows in the river. In this case the use of the combination of the AHP-TOPSIS method is suitable in determining the design of the selection of a product design. So as to get the concept of H as the design of the garbage transport machine. The H concept consists of several components such as Boat, Trash Screen, Trash Hook, Trash Deliver, and Trash Container.*

*Keywords: AHP, TOPSIS, Auri Cleaner Machine*