



FUZZY LOGIC CONTROLLER DESIGN FOR SMART DRYING HOUSE

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ABSTRACT

The purpose of making this project is to produce salt. Most common ways on how they produce salt is by keeping in one container, let it dry for a very long time. To be specific, 6 weeks for only one kilogram of salt. For us, it is very long time to produce only salt. So, as usual, we create one portable device that we can produce salt within a short time. The first method, we take water from the sea into the smart drying house's tray. Before entering the device, we will filter it to prevent sand that comes with seawater. Next, our smart drying house will dry the seawater. As we know, inside the device have fan, heater, and five to ten tray. Our drying method is by expose the tray fill with seawater to the sunlight and use heater when weather is cloudy or raining. After that, we harvest all the dried salt to start another round.

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