

## **Abstract**

At the time of entering the rainy season many community activities that utilize the heat of the sun to be disturbed. One of the disturbed activities is drying clothes. This is often give a problem where the clothes will get wet when forgot to move it.

Based on the above problems we have an idea to create an Portable Clothesline with Based Internet of Things (IoT) which can help the process of drying clothes in a rainy day and can be controlled remotely. So that makes users do not have to worry about clothesline durin rainy season or being outdoors.

This Portable Clothesline with IoT Based can close automatically and turn on the fan when it detects rain. To monitor this tool we use android based applications. In it there are settings where this tool can be arranged based on the weather forecast in the application.

**Keywords:** IoT, Rain, Arduino UNO, Portable.