

## **ABSTRACT**

*Garbage is one of the big problems that occurs to every person, every group and big cities in Indonesia. If more and more waste is piled up, it can have negative impacts on the environment and health. Currently, there are many ways that can be used to process waste. One of them is burning waste using a waste burning machine or what we can also call an incinerator machine. Incinerator is a tool used to burn waste in solid form and is operated by utilizing combustion technology at a certain temperature. The Mobile Incinerator Communication System is a system that can communicate data between sensors and the application device used. This system aims to monitor when the Incinerator are burning and can be used remotely using an application. The output produced from the system can be seen using a smartphone whose data has been obtained from the sensors in the system.*

**Key Words:** *Incinerator, IoT, Communication, Garbage*