# ABSTRACT

One of basic building blocks of a communication system is the electronic bell indicating which serves as inter-call light to ensure proper communication within an officer or domestic. An electronic bell can be defined as a mechanical or electronic [bell](https://en.wikipedia.org/wiki/Bell_(instrument)) that functions by means of anelectromagnet. When an electric current is applied, it produces a repetitive buzzing, clanging or ringing sound. There are numerous types of alarming signals but for the purpose of this project, an electric bell with a light indicator is considered. This device receives its input signal from an electrical device known as bell push. It is connected to the wing board via a joint box. The signal (current) passes through the wire and feeds into the bell which causes the bell to ring in order to alert the receiver. Results from test show that the device generate a bell sound when connected to electricity and the switch pressed. Therefore, all the objectives have been achieved.

# TITLE PAGE

**CONSTRUCTION OF AN ELECTRIC BELL**

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