

## **ABSTRACT**

This project is aimed at designing an Easy Bipolar Junction Transistor Tester, to test the condition of Bipolar Junction Transistor and indicates whether the transistor is good or faulty. The designed system is able to identify whether the BJT transistor is good or not. In this report the problem statement is presented together with the project objectives. Literature review is presented together with the proposed solution. Also methodology is proposed to be used to achieve the stated objectives and data collected as the requirement for the project design also data have been analyzed to choose suitable components required for the accomplishment of the project. The circuit have been simulated on proteus software and it show positive results, Building and testing of the prototype was successful done. So far the system has been designed and the prototype was implemented and tested. According to the prototype testing results project objectives were met.