

# ABSTRACT

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This project is called the ‘Automatic Speed Control of Fan.’ It is an interesting project with an interesting title. That what makes me attracted to this project in the first place. Furthermore the technology level of this project is on par with the current technology available these days.

As the name suggests, the ‘Automatic Speed Control of Fan’ has its own purpose and that is to allow it’s users to be more convenient and comfortable. This project’s main use is to vary the rotating speed of a 230V fan linearly with regards to the room temperature. when the surrounding temperature is high. The fan will turn faster and the opposite will happen when the temperature drops.

The circuit of this project will be categorized into four different parts that will link up with each other to become the system that operate this project. The first part is the sensor, followed by amplifier, comparator and finally fan output.