

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
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**A MICRO PROJECT REPORT ON
“REMOTE CONTROL FOR HOME APPLIANCES”**

Submitted By,

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
CERTIFICATE

This is to certify that the Micro-Project entitled **"REMOTE CONTROL FOR HOME APPLIANCES"** has been Successfully Completed By

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The bonafide students of Department of Electronics and Communication Engineering, Alva's Institute of Engineering and Technology, affiliated to VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Micro-Project work prescribed for Bachelor of Engineering.

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ABSTRACT

With everyone being on the move in a fast-paced world, technologies have been increasing rapidly. The use of standard remote controller, temperature, humidity and touch screen as a user input device. The inconvenience in controlling the home devices has been solved by this home automation system. In this proposed home automation system different attractive features are combined together which is not found very often in other home automation system. This offers a low cost, complete and efficient system for remote operation of a room. This project involves the use of Bluetooth communication and the Arduino Uno Rev 3 Microcontroller. The whole idea is to design an app on an Android cell phone to control home appliance remotely such as lights and fans using AC power.