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**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,BELAGAVI-**

**590 018**



**A MICRO PROJECT REPORT ON  
“CELLPHONE OPERATED ROBOT”**

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**Under the Guidance of**

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**CERTIFICATE**

This is to certify that the Micro-Project entitled "CELLPHONE OPERATED ROBOT" has been Successfully Completed by

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The bonafide students of Department of Basic Sciences, 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.

**Mr. G. B Vaggar**  
**Mini Project Guide**

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## ABSTRACT

The use of radio signals to remotely control a device is known as radio control (abbreviated as R/C or simply RC). The word is widely used to refer to the use of a hand-held radio transmitter to operate miniature automobiles. Radio-controlled cars are also used in [traffic] by industrial, military, and scientific research organisations.

Any mobile device that is operated by a means that does not restrict its motion with an origin external to the device is referred to as a remote control vehicle. A radio control device, a cable between the control and the vehicle, an infrared controller are common examples.

A remote control vehicle (also known as an RCV) varies from a robot in that it is always controlled by a person and does not take any positive action on its own. Remote vehicle control is one of the major technologies that underpins this sector. A vehicle must be capable of travelling accurately to a target location, navigating inside that region to complete its task, and returning to base with the same accuracy and safety