

VISVESVARAYA TECHNOLOGICAL UNIVERSITY,BELAGAVI-

590 018



A MICRO PROJECT REPORT ON

“Through the Power line,you may regulate on /off and send data”

Submitted By,

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Under the Guidance of

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DEPARTMENT OF BASIC SCIENCES

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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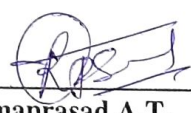
CERTIFICATE

This is to certify that the Micro-Project entitled "Through the Power line, you may regulate on /off and send data" 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.


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ABSTRACT

The concept of delivering information via the electrical power distribution network as a communication channel is known as power line communications (PLC). This technique allows information to flow over the same wiring that provides power. This unique communication concept aids in the bridge-building of the electrical and communication networks. It opens up the possibility of creating intelligent buildings with a large number of devices connected via a Local Area Network.

The use of the Internet has increased in recent years. If this type of network connection could be provided across the power line, utilities may potentially become communication providers, a fast developing business.