

9
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELAGAVI-590014, Karnataka



MINI PROJECT (18EEMP68)

**"ARDUINO LED SLIDER BRIGHTNESS CONTROL ANDROID APP WITH
BLUETOOTH CONTROLLER"**

Submitted in partial fulfilment for the requirement of the award of degree

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by:

ABHISHEK G.M (1SV18EE001)

RAKESH L.N (1SV20EE401)

Under the guidance of:

Mrs. SHWETHA.T.M M.Tech, MISTE

Asst. Professor Dept. of EEE, SIET

Tumkur-572106



**ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT OF
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Recognized by govt. of Karnataka, Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)

Sira Road, Tumakuru-572106

2021-2022

**PRINCIPAL
SIET., TUMAKURU.**

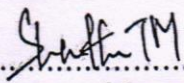
SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Recognized by govt. of Karnataka, Affiliated to VTU, Belagavi and approved by AICTE, New Delhi)
Sira Road, Tumkur-572106, Karnataka
2021-2022

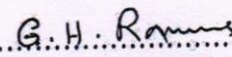


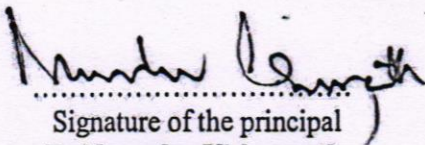
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Certificate

This is to Certified that the mini project work (18EEMP68) entitled "ARDUINO LED SLIDER BRIGHTNESS CONTROL ANDRIOD APP WITH BLUETOOTH CONTROLLER" has been Successfully carried out by ABHISHEK G.M (USN:1SV18EE001), RAKESH L.N (USN:1SV20EE401), a bonafide students of Shridevi Institute of Engineering and Technology, Tumkur- 572106, in partial fulfillment for the award of Bachelor Of Engineering in Electrical and Electronics Engineering of the Vishvesvaraya Technological University, Jnana Sangama, Belagavi -590018, during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for internal assessments have been incorporated in the report. The mini project report has been approved as it satisfies the academic requirement with respect to the mini project work prescribed for the said Bachelor Of Engineering degree.

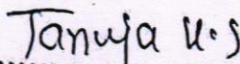
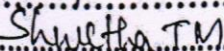

.....
Signature of the guide
Prof. Shwetha T M
Assistant Professor
Dept of EEE,SIET
Tumakuru


.....
Signature of the HOD
Prof.G H Ravikumar
HOD
Dept of EEE,SIET
Tumakuru

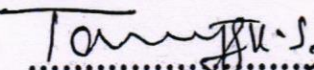
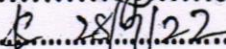

.....
Signature of the principal
Dr.Narendra Vishwanath
Principal
SIET, Tumakuru

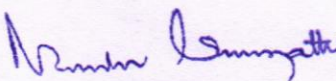
EXTERNAL VIVA

Name of examiners:


.....

.....

Signature with date:

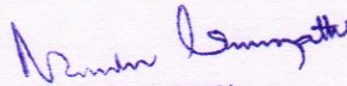

..... 28/7/22

..... 28/7/22


.....
PRINCIPAL
SIET., TUMAKURU.

ABSTRACT

The Bluetooth and android app technique to monitor the brightness of LED lamp. It is effectively used in all field and can be used for multifunctional purpose. The LED lamp can be controlled and monitored to required brightness.

The main aim of the project is to develop an android app for monitoring of LED lamp at street lights, industries and commercial sectors. This android app will be created with Bluetooth controller app inventor. The transmission of data will be through the HC-05 Bluetooth Module. This android app will be created with Bluetooth Controller App Inventor. The transmission of the data will be through the HC-05 Bluetooth module.



PRINCIPAL
SIET., TUMAKURU.