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:

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Tumkur-572106

SHRIDEVI EDUCATION

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, Tumakur-572106

2021– 2022

PRINCIPAL
SIET., TUMAKURU.

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EDUCATION

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.

Shwetha TM	G.H. Ravi	
Signature of the guide	Signature of the HOD	Signature of the principal
Prof. Shwetha T M	**Prof.G H Ravikumar**	**Dr.Narendra Vishwanath**
Assistant Professor	**HOD**	**Principal**
Dept of EEE,SIET	**Dept of EEE,SIET**	**SIET, Tumakuru**
Tumakuru	**Tumakuru**	

EXTERNAL VIVA

Name of examiners:	**Signature with date:**
1. Tanuja U.S	Tanuja U.S 28/7/22
2. Shwetha T.M.	28/7/22

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ABSTRACT

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

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

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