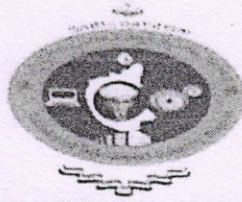


VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (21INT49)  
On

"EMBEDDED SYSTEM DEVELOPMENT USING  
ARDUINO"

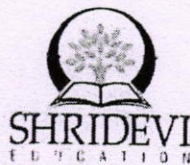
Submitted in partial fulfilment for the requirement of the award of degree  
Bachelor of Engineering  
In  
Electronics & Communication

Submitted by:

Navena K J  
1SV21EC021

Under the Guidance of:

Prof. Dr. Pradeep K G M  
Associate Professor  
Dept. of ECE  
SIET Tumkur-572106



Department of Electronics & Communication Engineering

**SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOG**

(Affiliated to VTU Belagavi, Approved by AICTE New Delhi, an ISO 9001:2015 Certified Institution)

Sira Road, Tumkur – 572106, Karnataka. 2022-2023

*Navena K J*

PRINCIPAL  
SIET. TUMKUR.



# SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

[Affiliated to VTU, Belgaum]

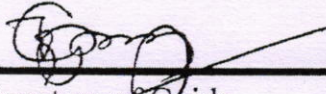
Sira Road, NH-4, Maralenahalli, Tumkur, Karnataka – 572106




Department of Electronics & Communication Engineering

## CERTIFICATE

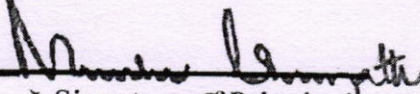
This is Certified that the Internship Project entitled “**Embedded system Development Using Arduino**” carried out by bearing **Naveena K J USN 1SV21EC021** a bonafide student of **Shridevi Institute of Engineering and Technology**, Tumkur-572106, has successfully carried out the internship project work in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering of the Visvesvaraya Technological University, Belagavi during the year 2022-2023. All the corrections/suggestions indicated for internal assessments have been incorporated in the report. The Internship project report has been approved as it satisfies the academic requirements in respect of Internship work.

  
Signature of Guide

**Dr. PRADEEP K G M**  
Associate Professor  
Dept of ECE  
SIET, Tumkur-572106

  
Signature of HOD

**Prof. Aijaz Ahamed Sharief**  
HOD & Asst. Professor  
Dept of ECE  
SIET, Tumkur-572106


  
Signature of Principal

**Dr. Narendra Viswanath**  
Principal  
SIET, Tumkur-572106

Name of the Examiners

1.....

2.....

  
PRINCIPAL  
SIET, TUMKUR.

Signature with Date

.....

.....



Date: 02/11/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr.Naveena K J** bearing **USN 1SV21ECO21** of Shridevi Institute of Engineering & Technology has successfully completed Internship from 11-10-2022 to 31-10-2022.

During the period of his Internship program with us, he has worked in the area of Embedded system development using Arduino.

We wish every success in this career



For ShriTEK Innovations



Authorized Signature

*Naveena K J*  
PRINCIPAL  
SIET, TUMKUR.