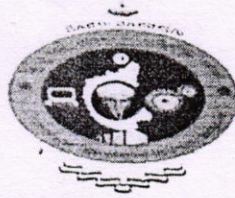


VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"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:

Usha R

USN: 1SV21EC034

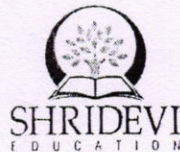
Under the Guidance of:

Prof. Dr. Umesha G.B

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

*Umesha G.B*

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 to Certified that the Internship Project entitled “**Embedded system Development Using Arduino**” carried out by bearing Usha R bearing USN: 1SV21ECO34 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.

Umesh G.B 28/9/23  
Signature of Guide

Dr. Umesha G.B  
Associate Professor  
Dept of ECE  
SIET, Tumkur-572106

Aijaz Sharief 28/9/23  
Signature of HOD

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

Narendra Viswanath  
Signature of Principal

Dr. Narendra Viswanath  
Principal  
SIET, Tumkur-572106

Name of the Examiners

1.....  
2.....

Narendra Viswanath  
PRINCIPAL  
SIET, TUMKUR.

Signature with Date

.....  
.....



Date: 02/11/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.USHA R bearing USN 1SV21EC034 of Shridevi Institute of Engineering & Technology has successfully completed Internship from 11-10-2022 to 31-10-2022.

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

We wish every success in this career



For ShriTEK Innovations



Authorized Signature

*Manjunath Kumar*  
PRINCIPAL  
SIET, TUMKUR.