VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELAGAVI-590018, KARNATAKA



Internship Report (21INT49)

"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:

MOHAMMED SAAD SIDDIQ

1SV21EC016

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

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 MOHAMMED SAAD SIDDIQ bearing USN: 1SV21EC016 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 Engineeringin 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

| nternship project report has been approved as it satisfies the academic requirements intespect of | | |
|---|-----------------------------|------------------------|
| nternship work. | 06/2/202 | Mull |
| Signature of Guide | Signature of HOD | Signature of Principal |
| Dr. PRADEEP K G M | Prof. Aijaz Ahamed Sharief | Dr. Narendra Viswanath |
| Associate Professor | HOD & Asst. Professor | Principal |
| Dept of ECE | Dept of ECE | SIET, Tumkur-572106 |
| SIET, Tumkur-572106 | SIET, Tumkur-572106 | |
| | | |
| Name of the Examiners | A Comments | Signature with Date |
| f | PRINCIPAL SIE I. TUMKUR. | |
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Innovations

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c: 0816-2211642

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: shritekinnovations@gmail.com

Date: 02/11/2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.MOHAMMED SAAD SIDDIQ bearing USN 1SV21EC016 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

Authorized Signature