

VISVESVARAYA TECHNOLOGICAL UNIVERSITY  
"JNANA SANGAMA", BELAGAVI-590018 KARNATAKA



Project Report (18ECP83)

ON

"Arduino Based Vehicle Accident Alert System Using  
GPS, GSM and MEMS Accelerometer"

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by:

M BHAVANI SHANKAR	[1SV19EC032]
PREKASHA NAYAKA K P	[1SV19EC033]
ARBIYA SULTANA	[1SV19EC003]
SAHIL SALAM	[1SV19EC025]

Under the Guidance of:

Prof. Pradeep Kumar S S  
Assistant Professor, Dept of ECE. SIET.  
Tumakuru



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

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

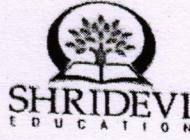
2022-2023

*Pradeep Kumar S S*  
PRINCIPAL  
SIET. TUMKUR.

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Sira Road, Tumkuru-572106, Karnataka  
2022-2023



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**Certificate**

This is to Certified that the project work (18ECP83) entitled "Arduino Based Vehicle Accident Alert System Using GPS, GSM and MEMS Accelerometer" has been Successfully carried out by M BHAVANI SHANKAR (USN: ISV19EC032), PREKSHA NAYAKA K P(USN: ISV19EC033), ARBIYA SULTANA (USN: ISV19EC003), SAHIL SALAM (USN: ISV19EC025) are bonafide students of Shridevi Institute of Engineering and Technology, Tumakuru- 572106, in partial fulfillment for the award of Bachelor of Engineering in Electronics & Communication Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi -590018, during the academic year 2022-2023. It is certified that all corrections/suggestions indicated for internal assessments have been incorporated in the report. The project report has been approved as it satisfies the academic requirement with respect to the project work prescribed for the said Bachelor of Engineering degree.

*Pradeep Kumar S S*  
25/5/23  
Signature of the Guide

*Aijaz Sharief*  
25/5/2023  
Signature of the HOD

*Narendra Viswanath*  
Signature of the Principal

Prof. Pradeep Kumar S S  
Assistant professor  
Dept. of ECE., SIET  
Tumakuru

Prof. Aijaz Ahamed Sharief  
HOD  
Dept. of ECE., SIET  
Tumakuru

Dr. Narendra Viswanath  
Principal  
SIET Tumakuru

**EXTERNAL VIVA**

Name of Examiners:

Signature with Date:

1. *M. Magaraja*  
2. *Dr. Lokesh B S*

*Narendra Viswanath*  
26/5/23  
*Narendra Viswanath*  
26/5/23

*Narendra Viswanath*  
PRINCIPAL  
SIET, TUMKUR.

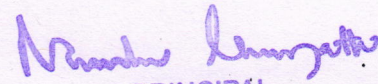
Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr.M BHAVANI SHANKAR bearing USN ISV19EC032 Student of Shridevi Institute of Engineering and Technology has successfully completed his Project Work titled "Arduino Based Vehicle Accident Alert System Using GPS, GSM and MEMS Accelerometer".

We wish every success in his career.

For ShriTEK Innovations

  
PRINCIPAL  
SIET. TUMKUR.



Authorized Signature



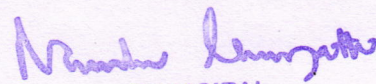
Date: 23/05/2023

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.SAHIL SALAM** bearing USN 1SV19EC025 Student of Shridevi Institute of Engineering and Technology has successfully completed her Project Work titled "Arduino Based Vehicle Accident Alert System Using GPS, GSM and MEMS Accelerometer"

We wish every success in his career.

For ShriTEK Innovations

  
PRINCIPAL  
SIET. TUMKUR.



Authorized Signature



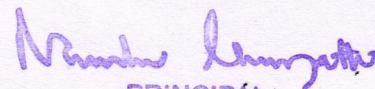
Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. PREKSHA NAYAKA K P bearing USN ISV19EC033 Student of Shridevi Institute of Engineering and Technology has successfully completed her Project Work titled "Arduino Based Vehicle Accident Alert System Using GPS, GSM and MEMS Accelerometer"

We wish every success in her career.

For ShriTEK Innovations

  
PRINCIPAL  
SIET, TUMKUR.

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