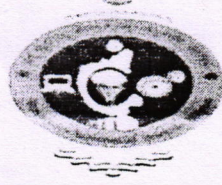


VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAVI-590018



PROJECT REPORT (18ECP83)

ON

“DESIGN AND IMPLEMENTATION OF BLACK BOX IN
AUTOMOBILE SYSTEM”

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

BACHELOR OF ENGINEERING
IN

ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by:

ARUN N R [1SV18EC003]

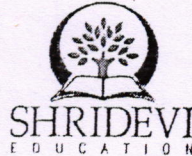
BIHAVANA U [1SV19EC005]

HARSHITHA M [1SV19EC013]

PREETHIKA A S [1SV19EC021]

Under the Guidance of:

Prof. Roopa T C,
Assistant Professor,
Dept of ECE., SIET
TUMKUR-572106



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, Tumkur-572106

2022-2023

Manjunath Kumar
PRINCIPAL
SIET, TUMKUR.

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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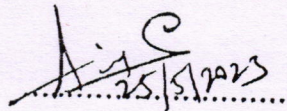
SHRIDEVI
EDUCATION

PARTMENT OF ELECTRONICS AND COMMUNICATION OF ENGINEERING Certificate

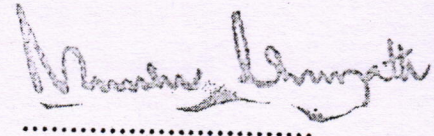
This is the Certificate that the Project work (18ECP83) entitled "DESIGN AND IMPLEMENTATION OF BLACK BOX IN AUTOMOBILE SYSTEM" has been successfully carried out by ARUN N R (ISV18EC003), BHAVANA U (USN: ISV19EC005), HARSHITHA M (USN: ISV19EC13), PREETHIKA A S (USN: ISV19EC021), a bonafide students of Shridevi Institute of Engineering and Technology, Tumkur-572106, in partial fulfillment for the award of degree of Bachelor of Engineering in Electronics & Communication of the Visvesvaraya Technological University, Jnana Sangama, Belgavi-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 requirements with respect to the project work prescribed for the said Bachelor of Engineering degree.


..... 25/5/2023

Signature of the guide
Prof. Roopa T C
Assistant professor
Dept. of ECE.,
SIET, Tumkur


..... 25/5/2023

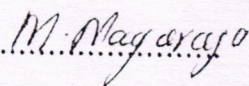
Signature of the HOD
Prof. Aijaz Ahamed Sharief
HOD
Dept. of ECE.,
SIET, Tumkur

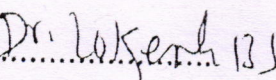

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Signature of the principal
Dr. Narendra Viswanath
Principal
SIET, Tumkur

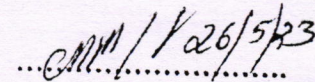
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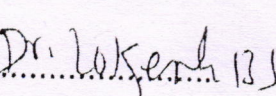
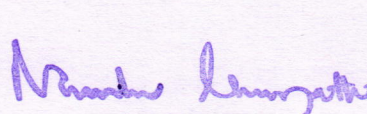
Name of Examiners:

1. 
.....

2. 
.....

Signature With Date:


..... 26/5/23

 
..... 26/5/23

PRINCIPAL
SIET, TUMKUR.

Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr.ARUN N R** bearing USN **ISVISEC003** Student of **Shridevi Institute of Engineering and Technology** has successfully completed his Project Work titled **“Design And Implementation Of Black Box In Automobile System”**.

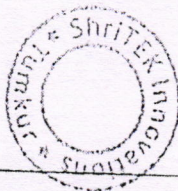
We wish every success in his career.

For ShriTEK Innovations

N. Srinivas Kumar
PRINCIPAL
SIET, TUMKUR.



Authorized Signature





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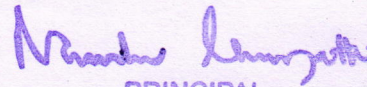
Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms.BHAVANA.U** bearing **USN ISV19EC005** Student of **Shridevi Institute of Engineering and Technology** has successfully completed her Project Work titled **“Design And Implementation Of Black Box In Automobile System”**.

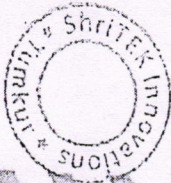
We wish every success in her career.

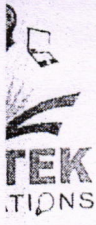
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✉ : shritekinnovations@gmail.com

Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.HARSHITHA M bearing USN
1SV19EC013 Student of Shridevi Institute of Engineering
and Technology has successfully completed her Project Work
titled "DESIGN AND IMPLEMENTATION OF BLACK BOX IN
AUTOMOBILE SYSTEM"

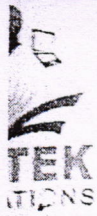
We wish every success in her career.

For ShriTEK Innovations

Nanda Venkatesh
PRINCIPAL
SIET, TUMKUR.

Authorized Signature





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✉ : shritekinnovations@gmail.com

Date: 23/05/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.PREETHIKA A S bearing USN 1SV19EC021 Student of Shridevi Institute of Engineering and Technology has successfully completed her Project Work titled "DESIGN AND IMPLEMENTATION OF BLACK BOX IN AUTOMOBILE SYSTEM"

We wish every success in her career.

For ShriTEK Innovations

Principals Signature
PRINCIPAL
SIET, TUMKUR.

Authorized Signature

