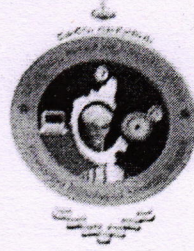


VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"JNANA SANGAMA", BELGAVI-590018 KARNATAKA



Mini Project Report (18ECMP68)

ON

"SMART DUSTBIN USING ARDUINO UNO"

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by:

S PAVITHRA (USN : 1SV20EC016)

SHOBHA HUGAR (USN : 1SV20EC017)

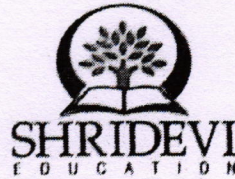
Under the Guidance of:

Prof. Raghavendra D

Asst. Professor

Dept of ECE, SIEET

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, Tumkur-572106

2022-2023

Nandini Kumar
PRINCIPAL
S.I.E.T. TUMKUR.

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2021-2022



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Certificate

This is to Certified that the mini project work (18ECMP68) entitled "SMART DUSTBIN USING ARDUINO" has been Successfully carried out by S.PAVITHRA(USN: ISV20EC016) ,SHOBHA HUGAR(USN: ISV19EC028), a bonafide students of Shridevi Institute of Engineering and Technology, Tumkur- 572106, in partial fulfillment for the award of Bachelor Of Engineering in Electronics & Communication Engineering of the Vishvesvaraya 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 mini project report has been approved as it satisfies the academic requirement with respect to the mini project work prescribed for the said Bachelor Of Engineering degree.

Signature of the guide

Signature of the HOD

Signature of the principal

Prof. Raghavendra D
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:

1. Dr. U. S. H. A. 48
2. Sharanappa

Signature with date:

PRINCIPAL
SIET, TUMKUR.



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Date: 11/07/2023

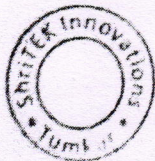
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms.S Pavithra** bearing **USN ISV20EC010** student of **Shridevi Institute of Engineering & Technology** has successfully completed her **Mini project Work** titled **"Smart Dustbin Using Arduino"**.

We wish every success in her career.

For ShriTEK Innovations

Authorized Signature



M. Srinivas Kumar
PRINCIPAL
SLET, TUMKUR.



ShriTEK Innovations

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Date: 11/07/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Shubha Hugar bearing USN 18V20EC017 student of Shri(vey) Institute of Engineering & Technology has successfully completed her Mini project Work titled "Smart Dustbin Using Arduino".

We wish every success in her career.

For ShriTEK Innovations

Authorized Signature



Narendra Kumar
PRINCIPAL
SIET TUMKUR.
PRINCIPAL
SIET. TUMKUR