

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", BELGAUM-590014

KARNATAKA



A Mini Project Report On:

"SPEED CONTROL OF BLDC MOTOR USING ARDUINO "

Submitted in partial fulfilment of the requirements for the award of degree of

BACHELOR OF ENGINEERING

IN

ELECTRICAL & ELECTRONICS ENGINEERING

SUBMITTED BY:

MALA G ISV20EE400

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UNDER THE GUIDANCE:

Mrs. UMABAI SLE.NISITE

Asst. Prof. Dept of EEE



SHRIDEVI
EDUCATION

DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

SHRIDEVI INSTITUTE OF ENGINEERING AND
TECHNOLOGY

Sira Road ,Tumkur-572106

2021-2022

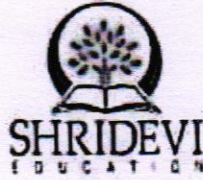
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SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Sira Road, Tumkur -572106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to Certified that the project work entitled " SPEED CONTROL OF BLDC MOTOR USING ARDUINO " Carried out by MALA G ISV20EE400, SYEDA ANJUM ISV20EE402, PUSHPA M T SV19EE013 bonafide student of SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMKUR 572106, in partial fulfillment for the award of degree Bachelor of Engineering in ELECTRICAL & ELECTRONICS ENGINEERING of VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAVI during the year 2021-2022. It is certified that all corrections / Suggestions indicated for Internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in respect of Speed Control of BLDC Motor using arduino Project work prescribed for the said Degree.

Uma

Signature of the Guide

Mrs. UMABAI M. LISITE
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G. H. Ravine

Signature of the HOD

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Professor & Head
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Narendra Swamyath

Signature of the Principal

Dr. NARENDRAVISWANATH, Ph.D
Principal
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External viva-voce

Name of Examiners

- 1) Tanuja K.S
- 2) Shreetha TN

Signature with Date

Tanuja K.S 28/7/22
Shreetha TN 28/7/22

Narendra Swamyath

PRINCIPAL
SIET, TUMKUR.

ACKNOWLEDGEMENT

Words are not enough to express our deep sense of gratitude, reverence and indebtedness to a number of persons whose contributions have made this mini project work successful.

We feel self-honored to place our warm salutation to the Authorities of Shridevi Charitable Trust (R.), Sira Road, Tumkur-572106.

And to our Department of Electronic & Communication Engineering, Shridevi Institute of Engineering and Technology, Tumkur, which give us the opportunity to obtain a strong base in Bachelor Of Engineering and profound knowledge.

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We take this opportunity to express our deep sense of gratitude to our guide, Prof. UMABAI Asst. Professor, Dept. of EEE, S.I.E.T, Tumkur for his keen interest and invaluable help throughout the course of this work and also in shaping our profession.

We would like to thank all the teaching and non-teaching staff of SIET, Tumkur for their kind co-operation during the course of the work. The support provided by the college and departmental library is greatly acknowledged.

Finally, We are thankful to our parents and also my friends, who helped us in one way or the other throughout our work.

MALA.G

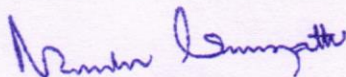
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DECLARATION

We are MALA.G.(1SV20EE400),SYEDA ANJUM(1SV20EE402),PUSHPA.M.T(1SV19EE013) student of VI Semester, Bachelor Of Engineering in Electrical & Electronics Engineering at Shridevi institute of Engineering and Technology, Tumkur, Karnataka, hereby declare that, this Mini Project work titled " SPEED CONTROL OF BLDC MOTOR USING ARDUINO" is an original and bonafide work carried by us at S.I.E.T Tumkur, in partial fulfillment of Bachelor Of Engineering by the Visvesvaraya Technological University, Belagavi-590018 during the academic year 2021-22.

We also declare that, to the best of our Knowledge and belief, the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion by any student.

Date:

MALA.G

Place:

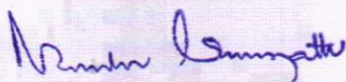
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