

K.L.E SOCIETY'S

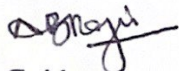
KLE TECHNOLOGICAL UNIVERSITY HUBBALLI - 580031



Department of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that research on "Zero Direct Axis Current Control of Surface Mounted Permanent Magnet Synchronous Motor using Sciamble Workbench Kit" is a bonafide work carried out by the student's Bhagyashree Harakuni, Basavarajeshwari Divatar, Naveen Pattar, Nandini Gurram, Suvarna Sheth and Rakesh Khaded, in partial fulfillment of the award of Degree of Bachelor of Engineering in Electrical and Electronics engineering during the year 2021-22. The research thesis has been approved as it satisfies the academic requirement with respect to the research work prescribed for the above said program.


Guide

Dr. A. B. Raju


Head of School/HOD

Dr. A. B. Raju

External Viva:

Name of Examiner

1. A B Raju
2. Dr. Vijay Balu-K

Signature






Department/School Of Electrical and Electronics Engineering

CERTIFICATE

This is to certify that research on "Modeling of a power converter and investigation into EV battery optimal sizing with parameter estimation for charger stability" is a bonafide work carried out by **Bibi Hajira N, Karthik Desai, Laxmi M Biradarpatil, Vrushali Satawalekar, Sreejith S, Rajeshwari Navalur**, in partial fulfillment of the award of Degree of Bachelor of Engineering in Electrical and Electronics engineering during the year 2021-22. The research thesis has been approved as it satisfies the academic requirement with respect to the research work prescribed for the above said program.

Guide

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Name of Examiner

1. Dr. Vijay Babu K
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Signature