

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM



A Project report on

“DALI (DIRECT ADDRESSING LIGHTNING INTERFACE) USING TOUCH SCREEN IN THE REAL TIME ENVIRONMENT”

A dissertation submitted to the Department of Electronics & Communication Engineering of Visvesvaraya Technological University, in the partial fulfillment for the Award of Degree of Bachelor of Engineering during the academic year 2011-2012.

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ABSTRACT

As from the title of the project we can infer that the main aim of this project is to save the power by varying the intensity of light and speed of the motor in the real time environment. Nowadays humans are wasting the power unnecessarily by using 100% of light intensity for the works which does not require full 100% of light intensity, we all know that intensity is directly proportional to power consumption and the amount of power consumed is proportional to cost, indirectly this project makes an impact on money savings for humans. With this technique shown by us in our report, it is a cost effective, time saving, easy to manage and can control 'N' number of light intensities and speed of the motors at a time which are far away from the operator. It is beneficial for all humans by saving power for the next generation.