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**Certificate**

 *This is to certify that the project entitled*

 **LED LAMP FLASHER,**

 **SPEED CONTROL OF DC MOTOR**

 **and**

 **VHDL**

*Is a bonafide work and it is submitted to the P.V.P.P College of Engineering*

 *(Affiliated to University Of Mumbai )*

 Submitted By

Tejashree Deshmukh – 13

Snehal Dhuri - 14

Racheal Fernandes - 15

Submitted in the partial fulfillment of the requirement for Second Year Engineering *(Electronics)* during the academic year 2010-2011

Under the Guidance of

Prof. Shubanghi Prof. Priti Tyagi

 *Guide Head .*

*Department of Electronics Engg. Department of Electronics Engg.*

*P.V.P.P College of Engg. P.V.P.P College of Engg.*



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 Project Report

 For

 **LED LAMP FLASHER,**

 **SPEED CONTROL OF DC MOTOR**

 **and**

 **VHDL**

 Submitted in the partial fulfillment of the requirement for

 **Second Year Engineering**

 *(Electronics Engineering )*

 **Subject : Electronic Workshop**

 Submitted By

Tejashree Deshmukh – 13

Snehal Dhuri - 14

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 Under the Guidance of

 Prof. Shubanghi



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Pre –Project Preparations

* PCB and Soldering Techniques

Analog Project (**LED LAMP FLASHER**)

Digital Project (**SPEED CONTROL OF DC MOTOR using PWM**)

VHDL Project