

**PES Institute of Technology**

(An Autonomous Institute under VTU, Belgaum)

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**Department of Computer Science & Engineering**

Certificate

Certified that the **fourth** semester mini project work under the topic **“DOMAIN SPECIFIC LANGUAGE (Shape Generator)”** is a bonafide work carried out by

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in partial fulfillment of 2 credit course for the award of Bachelor of Engineering in Computer Science and Engineering of Visvesvaraya Technological University, Belgaum during the academic semester January 2015 – May 2015.

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**ABSTRACT**

We are doing a project on Domain Specific Language (Shape Generator) which accepts different shapes, with their respective colors as input along with the dimensions and display the graphics on both java swings GUI and also the browser environments at the same time.

The implementation of the project is based on MVC (Model View Controller).

In this project we are also providing the user to the particular java code and also the java – script code that is required to generate the shape on both java and browser environments as an output. This helps the user to add additional features or functionalities to the generated graphics.

For this project we have used java as the programming language to generate the graphics in GUI and HTML (Hyper Text Markup Language) and java – script to generate in browser.

We are providing a user friendly GUI to access the software easily and efficiently.