VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELAGAVI-590018

A PROJECT REPORT
ON
SWATCH INDIA

BY

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In the partial fulfillment of the requirement for VI Sem. B. E. (CSE)

COMPUTER GRAPHICS LABORATORY WITH MINI PROJECT
Under the guidance of

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Department of Computer Science & Engineering
SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that the project entitled " **Swatch India"** is submitted in partial fulfillment for the requirement of VI sem. B. E. (Co mputer Science & Engineering), "COMPUTER GRAPHICS LABORATORY
WITH MINI PROJECT " during the year 2018 – 19 is a result o f bonafide work carried out by

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ABSTRACT

Computer Graphics is concerned with all aspects of producing images using computer. The graphics software in OpenGL has become a widely accepted standard for developing graphics applications. It is responsible for displaying art and image data effectively and meaningfully to the consumer. It is also used for processing image data received from the physical world.

Swatch Bharat project shows simple demonstration of Computer Graphics in which a person travelling in the car throws the waste on to the road instead of disposing it to the dustbin. The same can be seen where the people disposes the waste to the pond. The adverse effect of this can be viewed as a person being bed ridden due to ill health. The project also signifies the deforestation which also leads to the health deprivation in the people.

The project creates an awareness among the people about their wrongdoings which causes adverse effect on the environment and also helps us to correct these wrongdoings in future. This project is coded in C language, as it is the most basic programming language and is easily understandable by the user. The OpenGL interface is user friendly and hence enables the user to interact efficiently with the system.

ACKNOWLEDGEMENT

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PAGE INDEX