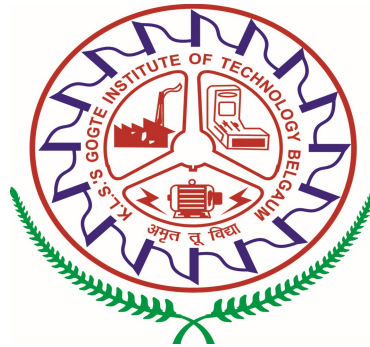KARNATAK LAW SOCIETY'S

GOGTE INSTITUTE OF TECHNOLOGY

UDYAMBAG, BELAGAVI-590008

(An Autonomous institution under Visvesvaraya Technological University, Belagavi)

(APPROVED BY AICTE, NEW DELHI)

Course Activity Report on
REJUVINATION OF NATURE
Submitted in the partial fulfillment for the academic requirement of

6TH Semester B.E.

In
COMPUTER GRAPHICS

Submitted by

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UNDER THE GUIDANCE
OF
PROF. SHARADA G. KULKARNI

(DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING)
2017-18

(DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING)

CERTIFICATE

This is to certify that the following Students listed below have satisfactory completed the course activity Project in **COMPUTER GRAPHICS** course (course code : **15CS64**). It can be considered as a bonafide work carried out in partial fulfillment for the academic requirement of **6**TH Semester B.E. (**CSE**) prescribed by KLS Gogte institute of Technology, Belagavi during the academic year **2017-18.** The report has been approved as it satisfies the academic requirements in respect of Assignment (Course Activity) prescribed for the said Degree.

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Signature of the Faculty Member   Signature of HOD

Date :

ACKNOWLEDGEMENTS:

ABSTRACT:

There can be nothing more pleasing to the senses than the sunrise. Nature is at its best at this heavenly hour. The golden rays of the sun give a bright coloring to the clouds and meadows, mountains and valleys. It marks the journey of the sun in the sky. At first, there appears a small ball of light in the sky. It then goes on increasing in size and shine. The golden dies seems to be rising and rising. It is the time when the day casts away the cloak of night. The first rays of the sun are cool and bracing to the eyes. At a hill station, the beauty of sunrise is beyond description. The hill-tops and the valley below seem to be bathed in yellow light. All of sudden, the golden ball shining in the sky grows big in size. Plants and trees feast on the rays of the sun. Late risers miss the beauty of sunrise. It is a rare joy to be awake at sunrise.

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1.1   Introduction

Nature, in the broadest sense, is the natural, physical, or material world or universe. "Nature" can refer to the phenomena of the physical world, and also to life in general. The study of nature is a large, if not the only, part of science. Although humans are part of nature, human activity is often understood as a separate category from other natural phenomena.

Within the various uses of the word today, "nature" often refers to geology and wildlife. Nature can refer to the general realm of living plants and animals, and in some cases to the processes associated with inanimate objects–the way that particular types of things exist and change of their own accord, such as the weather and geology of the Earth. It is often taken to mean the "natural environment" or wilderness–wild animals, rocks, forest, and in general those things that have not been substantially altered by human intervention, or which persist despite human intervention. For example, manufactured objects and human interaction generally are not considered part of nature, unless qualified as, for example, "human nature" or "the whole of nature". This more traditional concept of natural things which can still be found today implies a distinction between the natural and the artificial, with the artificial being understood as that which has been brought into being by a human consciousness or a human mind. Depending on the particular context, the term "natural" might also be distinguished from the unnatural or the supernatural.

In this project we try to illustrate using open GL to simulate the sunrise as part of the nature and showing the effect using open GL and its feature's.