**Moving helicopter**

A Mini Project report submitted to



**Visvesvaraya Technological University**

in partial fulfilment of the requirements

for the award of degree of

**Bachelor of Engineering**

in

**Computer Science and Engineering**

**Submitted by**

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**2018-19**

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**Department of Computer Science and Engineering**

Certificate

This is to certify that the Mini Project Report entitled “**Moving Helicopter”** is a bonafide work carried out by

Madhavi S 1KG14CS063

in partial fulfilment for the award of **Bachelor of Engineering** in **Computer Science and Engineering** of Visvesvaraya Technological University, Belagavi, during the year 2018-19. It is certified that all the suggestions indicated during internal assessment have been incorporated in the mini project report and satisfies the academic requirement in respect of mini project work prescribed for the degree.

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Name and Signature of Examiner-1 Name and Signature of Examiner-2

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**Abstract**

The project titled ‘MOVING HELICOPTER’ is a Computer Graphics application. The application is developed using OpenGL(Open Graphics Library) on Windows, which is a standard specification defining a cross – language, cross – platform API for writing applications that produce 2D and 3D computer graphics. The four major areas of computer graphics i.e. display of information, design, simulation & animation and user interfaces are attempted in the application.

This application uses OpenGL functions to demonstrate the implementation of an interactive helicopter. The end user can interact with the onscreen helicopter using keyboard keys (a,d,w,s). The helicopter can move in forward, backward, up and down motions.