[**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**](http://www.vtu.ac.in/)

**BELAGAVI, KARNATAKA**



**A MINI PROJECT REPORT ON**

**“MECHANICAL GEAR”**

**A report submitted in partial fulfillment of the requirements for the**

**MINI PROJECT OF COMPUTER GRAPHCIS AND VISUALIZATION LAB (15CSL67)**

##### Submitted by

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**CERTIFICATE**

Certified that the mini project work entitled **“MECHANICAL GEAR”** carried out by **PRAGYA KUMARI** bearing **3BR15CS116** and **PRASHANTH KUMAR RS** bearing **3BR15CS119** a bonafide student of Ballari institute of technology and management, Ballari in fulfillment of the requirements for the mini projectof **Computer Graphics And Visualization Lab (15CSL67)** of the Visvesvaraya Technological University, Belgaum during the year 2015-2016. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated. The report has been approved as it satisfies the academic requirements in respect of mini project work prescribed for the VI semester.

Signature of the project guideSignature of the HOD

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**External Viva:**

**Signature of the Examiners:**

**Internal: External:**

**1: 1:**

**2: 2:**

**ACKNOWLEDGEMENT**

Salutations to our beloved and highly esteemed institute,

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**-PRAGYA KUMARI**

**-PRASHANTH KUMAR RS**

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# ABSTRACT

The project Mechanical Gear is created to demonstrate OpenGL’s concepts. It encompasses some of the skills learnt in our OpenGL classes such as pushmatrix(),translate() ,popmatrix(),timer function, this project is developed to give a view of an gear and allows the user to briefly analyze the motion and view of a gear.

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