VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama", Belagavi-560014, Karnataka

CGV MINI PROJECT

"SHIP SINKING"

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE COMPUTER GRAPHICS LAB WITH MINI PROJECT

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING

Submitted By:

ANUSHA R (1SV20CS002)

Under the guidance of

Mr.RENUKARADHYA P.C. B.E.,MTech,MISTE,

Assistant Professor, Dept. of CSE.

PRINCIPAL
SIET. TUMKUR.

SHRIDEVI
EDUCATION

Department of Computer Science and Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
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2022-2023

Sri Shridevi Charitable Trust (R.)
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that, The Computer Graphics mini project report of entitled an "SHIP SINKING" has been successfully carried out by ANUSHA R [1SV20CS002],in partial fulfillment for the completion of Computer Graphics **Mini Project Of Bachelor Of Engineering** in **Computer Science & Engineering** of the **Visvesvaraya Technological University, Belagavi** during the academic year **2022-23.** It is certified that all the corrections/suggestions indicated for internal assessments have been incorporated in the report. The mini project report has been approved as it certifies the academic requirements in respect of CGVMini Project work prescribed for the Bachelor of Engineering Degree.

Signature of Guide

Mr. Renukaradhya P.C., BE., M.Tech.,MISTE
Assistant Professor, Dept. of CSE,
SIET, Tumakuru.

4/7/23

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Signature of H.O.D

Dr. Basavesha D BE., M.Tech., Phd,
Associate Professor & HOD Dept. of CSE,
SIET, Tumakuru.

Name of the Examiners	Signature with date
1 Harsha B.M	13/7
2 GIRISH-L	13/7/23.

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DECLARATION

I, **ANUSHA R [1SV20CS002]**, student of VI semester **B.E** in Computer Science Science & Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the Mini Project work entitled **" Sink Sinking"** understand such a including, embodies the report of our Mini-Project work carried out under the guidance of **Mr. Renukaradhaya P.C, Assistant Professor, Department of CSE . SIET. Tumakuru** partial fulfilment of requirements for the Internship Project report in **Bachelor of Engineering in Computer Science & Engineering of Visvesvaraya Technological University, Belagavi**. during the academic year **2022-23**. The Mini-Project has been approved as it satisfies the academic requirements in respect to the Mini-Project work.

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Place: Tumakuru

Student Name & Signature

Date: 04/07/2023

ANUSHA R [1SV20CS002]

ABSTRACT

The ship moving and sinking in computer graphics is an interactive tool that provides a fun and engaging way for users to learn. When building ships of massive dimensions, the risks involved also increase proportionately. The ship construction process can be fraught with a disaster waiting to happen, while the actual sailing on the high seas poses a major threat to the stability of the ships. The software includes a variety of visualizations,such as 3D models, animations, and simulations, that help students understand abstract concepts of computer graphics.

The common technologies used in computer graphics projects are,Programming languages: Programming languages such as C++. Graphics libraries: Graphics libraries OpenGL, provide low-level access to the graphics hardware and enable developers to create high-quality 2D and 3D graphics.

3D modeling software: Blender is used to create 3D models,animations,and visual effects.

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