VISVESVARAYA TECHNOLOGICAL UNIVERSITY
"Jnana Sangama", Belagavi-560014, Karnataka

<u>**CGV MINI PROJECT REPORT**</u>
<u>**ON**</u>

"Tic Toc Toe"

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE
CGV LAB

BACHELOR OF ENGINEERING
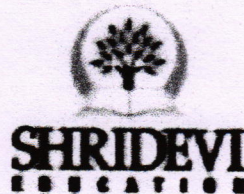### IN
COMPUTER SCIENCE & ENGINEERING

<u>**Submitted By**</u>

Asfa Khanum
1SV20CS003

PRINCIPAL
SIET. TUMKUR.

<u>Under the guidance of</u>

Mr.Renukaradhya P.C B.E., M.Tech.,

Assistant Professor, Dept. of CSE.

Department of Computer Science and Engineering

SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY
(Affiliated To Visvesvaraya Technological University)
Sira Road, Tumakuru – 572106, Karnataka.
2022-23
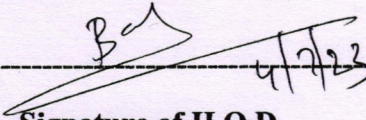
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that, Computer Graphics and Visualization Mini-Project of entitled "Air Show"has been successfully carried out by Asfa Khanum[1SV20CS003], in partial fulfillment for the CGV Lab 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 Mini-Project work prescribed for the Bachelor of Engineering Degree.

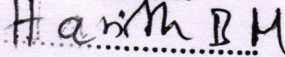---

Signature of Guide

Mr. Renukaradhya P.C B.E., M.Tech.,
Assistant Professor,
Dept. of CSE,
SIET, Tumakuru.

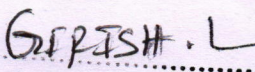**PRINCIPAL**
SIET. TUMKUR.

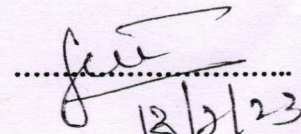---

Signature of H.O.D

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

Name of the Examiners

1 ...... Harith B M

2 .. GIRISH . L

Signature with date

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<u>DECLARATION</u>

I, Asfa Khanum[1SV20CS003], student of VI semester **B.E** in Computer Science & Engineering, at Shridevi Institute of Engineering & Technology, Tumakuru, hereby declare that, the Mini-Project work entitled **"Tic Toc Toe"**, embodies the report of our Mini-Project work carried out under the guidance of Mr. **Renukaradhya P.C**, **Assistant Professor, Department of CSE**, SIET, Tumakuru as partial fulfillment of requirements for the CGV Lab 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.

Place: Tumakuru

Date: 04/07/23

Asfa Khanum
Student Name & Signature

ASFA KHANUM
[1SV20CS003]

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Abstract

The abstract of the Tic Tac Toe OpenGL project involves the implementation of a game where the player competes against a computer opponent. The project utilizes the OpenGL graphics library to create an interactive and visually appealing game interface.

The objective of the game is for the player and the computer to take turns placing their respective symbols (e.g., "X" for the player and "O" for the computer) on a 3x3 grid. The first player to align three of their symbols in a row, column, or diagonal wins the game. If all the grid spaces are filled without any player achieving a winning configuration, the game ends in a draw.

PRINCIPAL
SIET. TUMKUR.