



**Parshvanath Charitable Trust's**  
**A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE**  
**(All Programs Accredited by NBA)**



**Department of Information Technology**

**Mini Project Title**

**Tic Tac Toe Game**

**Members :**

- Sejal Otavkar 21104020
- Chirayu Sapkale 21104027
- Ashwini Nipurte 21104036
- Shrikant Pawar 21104086

**Project Guide:**

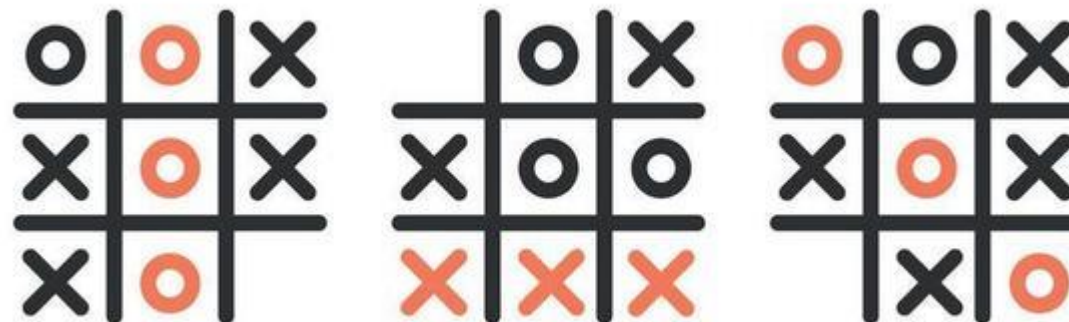
Prof. Rujata Chaudhari

# Contents:

- ▶ Introduction
- ▶ Objectives
- ▶ Scope
- ▶ Features / Functionality
- ▶ Technology Stack

# INTRODUCTION:

- ▶ Tic Tac Toe Game is a two players game , Where each player will get a chance one after the other.
- ▶ This game will be having a grid of a 3X3 between two players, a total of 9 cell.
- ▶ This game usually use two symbols are 'X' and 'O' players can choose symbol with his opponent.
- ▶ Players aim to create a straight line- Horizontally , Vertically or Diagonally to win the game.



# OBJECTIVES:

- ▶ To build the user-friendly GUI .
- ▶ To give the sound for better interaction .
- ▶ To develop a game with single player where another turn will be computer .
- ▶ To provide time limit for finishing game .
- ▶ To play it without wasting paper and improve your concentration.

# SCOPE:

Application oriented :

- ▶ It can be played with all age-group.
- ▶ It is vital for older adults to keep their minds busy.
- ▶ It's reduce stress for a while

Technology oriented:

- ▶ To develop the game by 3x3 grid for 1 or 2 players.

## FEATURES:

- ▶ Each player will be symbolized with a unique colour mark .
- ▶ It displays who wins the game.
- ▶ It also shows the no. of scores by each player , along with tie matches.
- ▶ Then it'll have the restart button , this button helps the player to restart the game at any time .
- ▶ There will be two options to play the game .
  - player to player
  - player to computer.

# Technology Stack :

- ▶ Python - Tkinter to create GUI
- ▶ Pycharm –To provides smart code compilation .



Thank you !!