

## PAAVAI ENGINEERING COLLEGE

(Autonomous)

## DEPARTMENT OF BIOTECHNOLOGY

### TECHFINIX'25

#### **EVENT NAME: BIO BINGO**

##### **Description:**

Get ready for a non-technical event full of surprises and laughter! Bio Bingo is a creative twist on the classic game where each round brings a new challenge related to biology themes and puzzles. This event aims to bring everyone together for an enjoyable and lighthearted experience.

**Team Size:** 3 members per team

**Total Duration:** 40 minutes

##### **Event Rounds:**

❖ **Round 1:** Bio Match-Up Match biological terms, images, or clues on your Bingo sheet as they are called out. The first team to complete a row or a specified pattern qualifies for the next round.

❖ **Round 2:** Decode the Bio Clue Solve short, fun biology-based puzzles or riddles. Teams earn points for each correct answer, moving them closer to the final round.

❖ **Round 3:** Lucky Bio Board This is a live bingo session with a twist. Each number called is tied to a biology question or a mini-challenge.

Answer correctly to mark the spot on your board. The first team to achieve Bingo wins. Rules & Guidelines • No mobile phones or external help is allowed.

- The judge's decision is final.

#### **1. EVENT NAME: PROTEIN PUZZLE**

##### **Description:**

Dive into the microscopic world of proteins in this fun and educational game. Protein Puzzle is an exciting three-stage challenge that makes learning how proteins are built and how they function inside living things an adventure.

**Team Size:** 3 members per team

**Total Duration:** 40 minutes Event Rounds:

❖ **Round 1:** The Building Blocks Begin your journey by learning the basics! Players will get hands-on with activities like matching amino acids, forming small protein chains, and identifying simple structures. This round builds a strong foundation for the challenges ahead.

❖ **Round 2:** Shape Shifters Discover how proteins get their amazing 3D shapes! In this stage, your team will predict how a protein folds and learn how its unique structure helps it perform specific jobs in the body. This round is all about the critical link between a protein's shape and its function.

❖ **Round 3:** The Protein Mystery Put your knowledge to the ultimate test! In the final stage, your team will tackle real-life protein problems. You'll find active sites, identify changes caused by mutations, and guess the function of an unknown protein.

The team that solves the final “Protein Mystery” will be crowned the Protein Puzzle Champions! Rules & Guidelines

- No mobile phones or external help is allowed.
- The judge's decision is final.