PSG COLLEGE OF TECHNOLOGY

IEEE STUDENTS CHAPTER 12951

SRISHTI 2K24

FLAGSHIP EVENT - 4

EVENT NAME: TECHNO-MAZE

SPECIFICATION SHEET

1. **BOT SPECIFICATIONS:**
   Length: 150-200 mm
   Width: 150-200 mm
   Height: 70-100 mm

2. **MAZE:**

   Length: 540 cm
   Width: 300 cm
   Height: 10 cm

3. **BOT CONTROL:**

- Only self-made bots are allowed; ready-made bots are disqualified. The bot must be wireless and autonomous (Micromouse).

- Remote-controlled bots are not allowed.

- The maximum weight of the bot, including the battery, must not exceed 5 kg, with a tolerance of 5% over the weight limit acceptable.

- Combination of sensors or motors can be used.
  (e.g., Ultrasonic distance sensor, RADAR sensor ,Camera sensor, Infrared Sensor.)

- Microcontroller interfacing includes
  (e.g., Arduino, Raspberry Pi.)

EXAMPLE OF MAZE