TECHFEST DEPARTMENT OF ECE PROGRAMME   DETAILS

1.Robo Expo

A Robo Expo is setted at the lobby in asoosiation with UNIQUE WORLD ROBOTICS with defferent types of robots.

1. Kiosk and Display System

A kiosk will be set up to provide detailed information about the tech fest, including event schedules and highlights from the Electronics and Communication Engineering department. Additionally, a display monitor will showcase visuals of various projects, innovations, and activities happening on our department floor, offering an immersive experience for visitors.

2. Robots at the Corridor

Two interactive robots will be placed in the corridor of our department floor to welcome visitors. These robots will be programmed to follow individuals for a few steps before returning to their original positions, creating an engaging and futuristic experience for attendees. They will enhance the technological appeal of the event while demonstrating robotics and automation concepts.

3. Project Exhibition Room

A dedicated room will showcase various working projects developed by ECE students. Each project will be displayed with detailed descriptions, explaining its functionality, innovation, and real-world applications. This exhibition will provide visitors with insights into the technical expertise and creativity of our students while encouraging knowledge sharing and discussions.

4. Technical Quiz Competition

A dedicated quiz room will be set up with buzzers and ambient lighting to create an exciting and competitive atmosphere. Participants will engage in a technical quiz covering various topics related to electronics and communication. The event aims to test knowledge, encourage teamwork, and enhance learning in a fun and interactive manner. Prize money will be awarded to the winners as a token of appreciation for their excellence.

5. Robo War & Line Follower Race

A thrilling Robo War and Line Follower Race competition will be organized, open to all participants who wish to compete with their own robots. The Robo War will test the strength and strategy of robots in a controlled battle, while the Line Follower Race will challenge the precision and speed of autonomous robots following a predefined path. Cash prizes will be awarded to the winners. Our team will provide the

necessary facilities and arena for the event, ensuring a fair and exciting competition.

6. <u>AR</u>

An AR will be set up in the corridor to enhance the visitor experience. This interactive guide will provide detailed information about the tech fest, department highlights, and event locations, offering a seamless and engaging way for attendees to navigate the fest. The virtual guide service will be available with a payment option for those who wish to access additional features or personalized assistance.

7. <u>Electric Car Exhibition</u>

An Electric Vehicle (EV) Exhibition will be organized on the ground, showcasing cutting-edge electric vehicles from leading brands such as Mahindra, Tata, MG, and more. This exhibition will provide visitors with insights into the latest advancements in electric mobility, sustainable transportation, and innovative automotive technologies. Attendees will have the opportunity to explore these vehicles up close and learn about their features, performance, and environmental impact.

8. **Photocontest & Shortfilm contest:**

A Photo Contest and Short Film Competition will be organized as part of the tech fest, encouraging participants to showcase their creativity and storytelling skills. The contests will provide a platform for aspiring photographers and filmmakers to capture and present unique perspectives. Cash prizes will be awarded to the winners, recognizing their talent and artistic excellence.

9. **RC car Racing**

A rc car track and race is setted for enhance the viewers and can also be participated in it.

The event will takes place at 3rd floor that wanted to be darkened at the day of event.Also we need all the classes of the floor except the labs .The banners of the ECE programmes will be provided at the different places of the campus and also we need the permission for space in ground to display the Electric Vehicle.